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THE CITY RECORD

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WILLIAM J. GAYNOR, Mayor.

ARCHIBALD R. WATSON, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

DAVID FERGUSON, SUPERVISOR.

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BOARD OF ALDERMEN.

COMMITTEE HEARING.

Public notice is hereby given that the Committee on Laws and Legislation of the Board of Aldermen will hold a public hearing in the Aldermanic Chamber, City Hall, Borough of Manhattan, on Friday, December 22, 1911, at 1 o'clock p. m. on the following matter:

Message from his Honor the Mayor, transmitting proposed draft of an ordinance regulating moving picture shows.

All persons interested in the above matter are respectfully invited to attend.
P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

BOARD OF ESTIMATE AND APPORTIONMENT.

Committee Hearing.

Notice is hereby given that the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan, will give a public hearing on Wednesday, December 27, 1911, in Room 16, City Hall, Borough of Manhattan, at 11 o'clock in the forenoon, to all who desire to be heard in the matter of the construction of a hospital for contagious diseases in the Borough of The Bronx, under the jurisdiction of the Department of Health.

JOSEPH HAAG, Secretary.

Dated New York, December 6, 1911.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of the Board of Estimate and Apportionment, Held in Room 16, City Hall, Thursday, November 16, 1911.

FINANCIAL MATTERS.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; William A. Prendergast, Comptroller; George McAneny, President, Borough of Manhattan; Alfred E. Steers, President, Borough of Brooklyn; Cyrus C. Miller, President, Borough of The Bronx; Maurice E. Connolly, President, Borough of Queens; George Cromwell, President, Borough of Richmond.

The Mayor, Hon. William J. Gaynor, presided.

After disposing of the Public Improvement Calendar, the following Financial Matters were considered:

FINANCIAL MATTERS.

The following transfers of appropriations were made upon the recommendation of the Comptroller:

\$8,903.36 from the account "Redemption of the City Debt, No. 46," to the account "Department of Finance, Executive Division, Contingencies, 1911, No. 27."

City of New York, Department of Finance, Comptroller's Office, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Board of Estimate and Apportionment authorize the transfer of eight thousand, nine hundred and three dollars and thirty-six cents (\$8,903.36) from the account known as "Redemption of the City Debt, 1911, Code No. 46," to the account known as "Department of Finance, Executive Division, Contingencies, 1911, Code No. 27."

The purpose in requesting the transfer of this money is to replenish the Contingency Fund of the Department of Finance for expenditures made and to be made:

1. In carrying out the work of reconciling the accounts of the departments and offices of the governments of The City of New York with those of the Department of Finance, and placing these accounts on a uniform basis.

2. In the employment of temporary bookkeepers to set up in the Department of Finance the accounts made necessary to control new forms of accounts installed in other city departments.

3. To supplement the money set apart for hiring automobiles for the use of the City Paymaster.

This replenishment of the automobile fund has been made necessary by the requests of various departments to be relieved from furnishing automobiles for the use of the Paymaster in paying weekly rolls.

Requirements for the remainder of the current year will be:

1. Salaries of temporary accountants.....	\$5,050 00
2. Salaries of temporary bookkeepers.....	3,333 99
3. Hire of automobiles.....	1,600 00

Total.....\$9,983 99

Present balance in account.....1,080 63

\$8,903 36

On June 15, 1911, the Board of Estimate authorized a similar transfer of twenty-five thousand, nine hundred and ninety-five dollars and two cents (\$25,995.02). This amount has been found to be inadequate for the completion of the work of reconciliation of accounts. For the entire year 1911 the amount of thirty-four thousand, seven hundred and ninety-three dollars and forty-five cents (\$34,793.45) will have been expended on this work. This expenditure was not contemplated in the budget for the year 1911, and I find it necessary to request the authorization of the supplemental amount referred to above, in order that the work may be completed along the lines which have been followed.

I, therefore, offer the following resolution. Respectfully,

WILLIAM A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves the transfer of eight thousand nine hundred and three dollars and thirty-six cents (\$8,903.36) from the appropriation made for the account entitled "No. 46, Redemption of the City Debt" for the year 1911, to the appropriation made to the Department of Finance for the year 1911, entitled "Executive Division, No. 27, Contingencies."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$11,765 from the account "Redemption of the City Debt, 1911, No. 46," to the account "Department of Finance, for the Employment of Temporary Clerks (all Boroughs), No. 30, 1911."

City of New York, Department of Finance, Comptroller's Office, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Board of Estimate and Apportionment authorize the transfer of eleven thousand, seven hundred and sixty-five dollars (\$11,765) from the account known as "Redemption of the City Debt, 1911, Code No. 46," to the account known as "Department of Finance, for the Employment of Temporary Clerks (all Boroughs), Code No. 30."

The purpose in requesting the transfer of this money is to replenish the fund for temporary clerks in the Department of Finance for expenditures made by reason of extra work devolving upon the Bureau for the Collection of Taxes in preparation for the collection of taxes twice a year under the law enacted by the Legislature of 1911, known as the "Semi-Annual Tax Law."

Because of the new system of collecting taxes provided by this law it has become necessary to post the taxes for the year 1911 several months sooner than has been the custom, and to make other technical preparations in the way of accounting forms, which were not contemplated in the budget for the year 1911.

I, therefore, offer the following resolution for adoption. Respectfully,

WILLIAM A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves the transfer of eleven thousand seven hundred and sixty-five dollars (\$11,765) from the appropriation made for the account entitled "No. 46, Redemption of the City Debt" for the year 1911, to the appropriation made to the Department of Finance for the year 1911 entitled "No. 30, For the Employment of Temporary Clerks (All Boroughs)."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$670, within the appropriation made to the President of the Borough of Queens, for the year 1911.

The City of New York, Office of the President of the Borough of Queens, Long Island City, November 1, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, and Chairman of the Board of Estimate and Apportionment, The City of New York:

Dear Sir—Pursuant to the provisions of section 237 of the Charter of The City of New York, application is hereby made for resolution of authority to transfer the following funds within the appropriation made this Department for the year 1911, to-wit:

From	
1868. President of the Borough of Queens, Bureau of Street Cleaning, Materials for Repairs and Replacements by Departmental Labor..	\$340 00
To	
1867. President of the Borough of Queens, Bureau of Street Cleaning, General Supplies.....	340 00
From	
1869. President of the Borough of Queens, Bureau of Street Cleaning, Repairs and Replacements by Contract or Open Order.....	230 00
To	
1867. President of the Bureau of Queens, Bureau of Street Cleaning, General Supplies.....	70 00
1870. President of the Borough of Queens, Bureau of Street Cleaning, Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage.....	115 00
1873. President of the Borough of Queens, Bureau of Street Cleaning, Forage, Shoeing, and Board of Horses.....	45 00
	\$230 00

<i>From</i>	
1871. President of the Borough of Queens, Bureau of Street Cleaning, Fuel	100 00
<i>To</i>	
1873. President of the Borough of Queens, Bureau of Street Cleaning, Forage, Shoeing, Board of Horses.....	100 00
In connection therewith the Superintendent of Street Cleaning makes the following statement, to wit:	
"The amount allowed this Bureau for general supplies, 1911, was less than the amount necessary for the same purpose for the year 1910, by \$500. It became necessary to purchase supplies for our automobile from this appropriation, as there was no special appropriation for that purpose.	
"Appropriation 1870—Apparatus, Machinery, Vehicles, etc., has been depleted by the purchase of tires, etc., for automobile, there being no allowance for automobile equipment in the 1911 Budget.	
"The appropriation for shoeing and boarding horses was allotted on a five-horse basis. During June, 1911, we purchased another horse, making six horses to be provided for."	
Very truly yours,	
LEONARD C. L. SMITH, Acting Commissioner of Public Works.	
Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 9, 1911.	
<i>To the Board of Estimate and Apportionment:</i>	
Gentlemen—On November 1, 1911, the President of the Borough of Queens requested transfers in the sum of \$670 within appropriations to the Bureau of Street Cleaning in his office for the year 1911. In connection therewith I report as follows:	
It is proposed to transfer \$340 from No. 1868, Materials for Repairs and Replacements by Departmental Labor; \$230 from No. 1869, Repairs and Replacements by Contract or Open Orders, and \$100 from No. 1871, Fuel, to the following accounts:	
1867. General Supplies	\$410 00
1870. Apparatus, Machinery, Vehicles, Harness, etc., including Care and Storage	115 00
1873. Forage, Shoeing and Boarding Horses.....	145 00
	\$670 00

The \$410 for No. 1876 is for the purchase of street brooms, snow shovels and disinfectant. The appropriation available was \$3,500. The expenditures amount to \$3,380.48, leaving a balance of \$119.52.

The \$115 for No. 1870 is stated to be for tires, tubes, etc., for the automobile of the Bureau, for which no appropriation was made in the 1911 Budget, and for Carriers. The appropriation available was \$5,000. The expenditures amount to \$4,965.11, leaving a balance of \$34.89.

The \$145 for No. 1873 is stated to be on account of the cost of shoeing and boarding an extra horse purchased in June, 1911. The appropriation for this account was allotted on a 5-horse basis. There are now six horses to be provided for. The appropriation available was \$1,742.50. The expenditures amount to \$1,683.34, leaving a balance of only \$59.16 for the six horses to the end of the year.

There are sufficient balances in Nos. 1868, 1869 and 1871 to permit of the requested transfers.

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Queens, for the year 1911, as follows:

President of the Borough of Queens.

Bureau of Street Cleaning, Maintenance and Final Disposition—

<i>From</i>	
1868. Materials for Repairs and Replacements by Departmental Labor ..	\$340 00
1869. Repairs and Replacements by Contract or Open Orders	230 00
1871. Fuel	100 00
<i>To</i>	
1867. General Supplies	410 00
1870. Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage	115 00
1873. Forage, Shoeing and Boarding Horses	145 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$1,954.34, within the appropriation made to the President of Manhattan, for the year 1910.

City of New York, Office of the President of the Borough of Manhattan, City Hall, September 21, 1911.

To the Honorable The Board of Estimate and Apportionment:

Gentlemen—Request is hereby made for the following transfer of funds from the appropriation made to this Department, entitled:

President, Borough of Manhattan, 1910.

Bureau of Public Buildings and Offices, Maintenance of Public Buildings and Offices—

1466. Salaries and Wages, Labor Force..... \$2,000 00
—the same being in excess of the amount required for the purposes thereof; to the appropriation made to this Department, entitled:

President, Borough of Manhattan, 1910.

Bureau of Public Buildings and Offices, Maintenance of Public Buildings and Offices—

1474. Telephone Service

repairs, making a deficit of \$100. The \$250 is to cover the deficit and provide \$150 for the rest of the year. The Commissioner states that the maintenance charges have exceeded the estimate for the reason that his Department has only one automobile and that its use has been continuous.

I recommend the adoption of the attached resolution granting the request.
Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Boroughs of Manhattan and Richmond, for the year 1911, as follows:

<i>From</i>	
1077. Purchase of Horses	\$250 00
<i>To</i>	
1080. Maintenance of Automobiles, Including Equipment, Care and Storage	\$250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$6,000, within the appropriation made to the Police Department for the year 1911. Police Department of The City of New York, Office of the Commissioner, October 19, 1911.

Honorable Board of Estimate and Apportionment, New York City:

Dear Sirs—I have the honor to request the transfer of the sum of six thousand dollars (\$6,000) from the appropriation made to the Police Department for the year 1911, "Code No. 829, Contingencies," which is in excess of the amount required for the purposes and objects thereof, to the appropriations made to the same Department for the year 1911, "Code No. 822, Apparatus, Machinery, Vehicles, Harness, etc.," which is not sufficient to meet the requirements of the Department for the purpose of purchasing additional harness, vehicles, saddles, etc.

Very respectfully,
R. WALDO, Police Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 19, 1911, the Police Commissioner requested a transfer of \$6,000 within appropriation to his Department for the year 1911. In connection therewith I report as follows:

The proposed transfer is from No. 829, Contingencies, to No. 822, Apparatus, Machinery, Vehicles, Harness, etc., including Care and Storage. The appropriation for No. 822 was \$24,700. On November 8 the unexpended balance in the account was \$1,988.66. The Commissioner states that, in addition to this sum, \$6,000 will be needed for the following expenditures during November and December:

Horse, equipment and harness..... \$1,000 00

Repairs to harness and equipments..... 500 00

Repairs to wagons and carriages..... 3,500 00

Repairs to bicycles and motorcycles..... 1,000 00

I recommend the adoption of the attached resolution granting the request.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Police Department for the year 1911, as follows:

<i>Police Department.</i>	
<i>From</i>	
829. Contingencies	\$6,000 00
<i>To</i>	
822. Apparatus, Machinery, Vehicles, etc., Including Care and Storage..	\$6,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$1,200, within the appropriation made to the President of the Borough of Queens for the year 1911.

The City of New York, Offices Commissioner of Public Works of the Borough of Queens, Long Island City, November 2, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, and Chairman of the Board of Estimate and Apportionment, The City of New York:

Dear Sir—Pursuant to the provisions of section 237 of the Charter of The City of New York, application is hereby made for resolution of authority to transfer the following funds within the appropriation made this Department for the year 1911, to wit:

<i>From</i>	
1833. President of the Borough of Queens, Bureau of Highways, Repairs and Replacements by Contract or Open Order.....	\$800 00
<i>To</i>	
1832. President of the Borough of Queens, Bureau of Highways, Materials for Repairs and Replacements by Departmental Labor....	\$500 00
1836. President of the Borough of Queens, Fuel.....	300 00

\$800 00

<i>From</i>	
1834. President of the Borough of Queens, Bureau of Highways, General Supplies	\$400 00
<i>To</i>	
1835. President of the Borough of Queens, Bureau of Highways, Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage	\$400 00

In explanation thereof, the Superintendent of Highways states that he needs additional material and fuel to complete repairs now under way on Shell road and Flushing Causeway. Very truly yours,

LEONARD C. L. SMITH, Acting Commissioner of Public Works, Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 2, 1911, the President of the Borough of Queens requested transfers in the sum of \$1,200 within appropriations to the Bureau of Highways in his office for the year 1911. In connection therewith I report as follows:

It is proposed to transfer \$800 from No. 1833, Repairs and Replacements by Contract or Open Order, and \$400 from No. 1834, General Supplies, to the following accounts:

1832. Materials for Repairs and Replacements by Departmental Labor..	\$500 00
1835. Apparatus, Machinery, Vehicles, Harness, etc., including Care and Storage	400 00
1836. Fuel	300 00

The \$500 for No. 1832 is stated to be for materials to complete the repairs now under way on the Shell road and Flushing causeway. The appropriation available was \$101,000. The expenditures amount to \$100,943.64, leaving a balance of \$56.36.

The \$400 for No. 1835 is stated to be for repairs to a steam roller and an automobile. No appropriation was made in the 1911 Budget for repairs for the automobile. The appropriation available was \$3,890. The expenditures amount to \$3,834.50, leaving a balance of \$55.50.

The \$300 for No. 1836 is stated to be for fuel for the steam rollers engaged on the repair work on the Shell road and Flushing causeway. The appropriation available was \$2,000. The expenditures amount to \$1,993.65, leaving a balance of \$6.35.

There are sufficient balances in Nos. 1833 and 1834 to permit of the requested transfers.

I recommend the adoption of the attached resolution approving the request.
Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfers of funds appropriated to the office of the President of the Borough of Queens, for the year 1911, as follows:

President of the Borough of Queens.

Bureau of Highways, Maintenance of Highways—

<i>From</i>	
1833. Repairs and Replacements by Contract or Open Order	\$800 00
1834. General Supplies	400 00
<i>To</i>	
1832. Materials for Repairs and Replacements by Departmental Labor ..	500 00
1835. Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage	400 00
1836. Fuel	300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$200, within the appropriation made to the President of the Borough of Queens, for the year 1911.

The City of New York, Offices Commissioner of Public Works of the Borough of Queens, Long Island City, November 2, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, and Chairman of the Board of Estimate and Apportionment, The City of New York:

Dear Sir—Pursuant to the provisions of section 237 of the Charter of The City of New York, application is hereby made for resolution of authority to transfer the following funds within the appropriation made this Department for the year 1911, to wit:

<i>From</i>	
1878. President of the Borough of Queens, Bureau of Public Buildings and Offices, Materials for Repairs and Replacements by Departmental Labor	\$200 00
<i>To</i>	
1881. President of the Borough of Queens, Bureau of Public Buildings and Offices, Contingencies.....	\$200 00

Very truly yours,

LEONARD C. L. SMITH, Acting Commissioner of Public Works, Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 2, 1911, the President of the Borough of Queens requested the transfer of \$200 within appropriations to the Bureau of Public Buildings and Offices in his office for the year 1911. In connection therewith I report as follows:

The proposed transfer is from No. 1878, Materials for Repairs and Replacements by Departmental Labor, to No. 1881, Contingencies. It is stated that the \$200 is necessary to meet the charges for cartage, carfares, postage stamps and other contingencies for the rest of the year. The appropriation available for No. 1881 was \$497. The expenditures amount to \$463.87, leaving a balance of \$33.13. There is sufficient balance in No. 1878 to permit of the transfer.

I recommend the adoption of the attached resolution approving the request.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Queens, for the year 1911, as follows:

<i>President of the Borough of Queens.</i>	
<i>Bureau of Public Buildings and Offices, Maintenance—</i>	
<i>From</i>	
1878. Materials for Repairs and Replacements by Departmental Labor ..	\$200 00
<i>To</i>	
1881. Contingencies	200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$400, within the appropriation made to the Department of Parks, Borough of The Bronx, for the year 1911.

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, October 23, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, and Chairman of the Board of Estimate and Apportionment, 277 Broadway, New York City:

Sir—Application is respectfully made for the transfer of four hundred dollars (\$400.00) from the appropriation made to this Department for the year 1911; 1130 of 1911, Department of Parks, The Bronx; Administration, Music, to the appropriation entitled, 1137 of 1911, Department of Parks, The Bronx, Maintenance, Parks and Boulevards, Forage, Shoeing and Boarding Horses.

The unencumbered balance Code 1137, as of this date, is \$442.01. The probable amount required for horseshoeing and forage for the balance of the year is \$750. This, together with other incidental expenses properly charged against this account, which may arise from now until December 31st, necessitates the above transfer.

Respectfully,
T. J. HIGGINS, Commissioner of Parks, The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 23, 1911, the Commissioner of Parks, Borough of The Bronx, requested the transfer of \$400 from Administration, No. 1130, Music, to Maintenance, Parks and Boulevards, No. 1137, Forage, Shoeing and Boarding Horses. In connection therewith I report as follows:

The appropriation for No. 1137 was \$3,332. The unexpended balance in the account on October 23, 1911, was \$442.01. The Commissioner estimates the cost of horseshoeing, forage and incidental expenses for the rest of the year at \$850, which would give a deficit on the present appropriation of \$407.99. The transfer would make a total appropriation of \$3,732 for 1911, against an expenditure of \$4,140 for the same items in 1910. The number of horses to be provided for is the same as in 1910, indicating that the appropriation made in the 1911 Budget was insufficient. The Commissioner states that he has effected a saving in music permitting of the transfer of the \$400 from No. 1130.

I recommend the adoption of the attached resolution granting the request.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Borough of The Bronx, for the year 1911, as follows:

<i>Department of Parks, Borough of The Bronx.</i>	
<i>From</i>	
Administration—	
1130. Music	\$400 00
<i>To</i>	
Maintenance, Parks and Boulevards—	
1137. Forage, Shoeing and Boarding Horses	\$400 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$91.81, within the appropriation made to the Sheriff of Queens County for the year 1910.

Office of the Sheriff of Queens Co., County Court House, Long Island City, September 20, 1911.
Hon. JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, 277 Broadway, New York City N. Y.:

Dear Sir—I most respectfully request the transfer from Code No. 1923, Contingencies, of the sum of \$91.81, to meet a deficit in the appropriation to this office for the year 1910, to wit: "Code No. 1922, Telephone Service," same being insufficient to meet the various bills chargeable against said appropriation to this office for the year 1910. Yours very truly,

THOS. M. QUINN, Sheriff of Queens County.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 20, 1911, the Sheriff of Queens County requested the transfer of \$91.81 from No. 1923, Contingencies, to No. 1922, Telephone Service, in his office for the year 1910.

The appropriation for telephone service was \$450. It is stated that the deficit was caused by the necessity of contracting liabilities in the sum of \$541.81. There is an unexpended balance of \$3,105.44 in No. 1923.

I recommend the adoption of the attached resolution granting the request. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the Sheriff of Queens County for the year 1910, as follows:

From	
1923. Contingencies	\$91 81
To	
1922. Telephone Service	\$91 81

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$3,000 from Accounts Nos. 1374 and 1386, within the appropriation made to the Armory Board for the year 1911, to the appropriation made to the Board of Estimate and Apportionment, No. 1350, Contingencies, for the same year.

Board of Estimate and Apportionment, City of New York, Office of the Secretary, 277 Broadway, November 3, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller:

Dear Sir—Referring to our conversation relative to the replenishment of the appropriation for contingencies, Board of Estimate and Apportionment, I beg to submit the following for your information:

The appropriation in the Budget for 1911 for contingencies is \$12,000, to which has been credited two transfers of \$10,000 each, making the total of \$32,000.

The disbursements to October 31, 1911, were as follows:

Ordinary contingencies	\$9,937 94
On account of Committee investigating Department of Health et al	2,462 51
On account of Commission on new sources of City Revenue	546 18
On account of Committee on School Inquiry	17,799 61
	\$30,746 24

To this amount should be added outstanding liabilities on orders amounting to

650 93

\$31,397 17

There are bills in this office amounting to \$2,876.48 awaiting a further transfer before being transmitted to you.

I will thank you to arrange for a transfer to this account.

Yours very truly,

JOSEPH HAAG, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a communication from the Secretary of the Board of Estimate and Apportionment, under date of November 3, 1911, relative to a deficiency in the Contingency Account of the Board, I report as follows:

The total available for Contingencies was \$32,000. The Secretary states that the balance in the account on October 31, 1911, was \$602.83, against which he holds bills amounting to \$2,876.48.

The disbursements to October 31, 1911, were as follows:

Ordinary contingencies	\$9,937 94
On account of committee investigating Department of Health, et al	2,462 51
On account of commission on new sources of City revenue	546 18
On account of Committee on School Inquiry	17,799 61
	\$30,746 24

To this amount should be added outstanding liabilities on orders, amounting to

650 93

\$31,397 17

There are available for transfer amounts of \$1,500 each in the Contingency accounts of the Armory Board, Nos. 1386 and 1374. The Secretary of the Armory Board states that these accounts will not be required, and consents to their transfer.

I recommend, therefore, the adoption of the attached resolution approving the transfer.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds from the appropriations made to the Armory Board for the year 1911 to the appropriations made for the Board of Estimate and Apportionment for the year 1911, as follows:

From	
The Armory Board, Maintenance of Armories—	
1374. Boroughs of Manhattan and The Bronx, Contingencies	\$1,500 00
1386. Boroughs of Brooklyn and Queens, Contingencies	1,500 00
	\$3,000 00
To	
Board of Estimate and Apportionment—	
1350. Contingencies	\$3,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

\$2,000 within the appropriation made to the Department of Parks, Boroughs of Manhattan and Richmond, for the year 1911.

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, October 25, 1911.

To the Honorable, the Board of Estimate and Apportionment, The City of New York:

Gentlemen—I beg to request that your honorable Board will authorize the transfer of \$2,000 from the appropriation No. 1074 (Repairs and Replacements by Contract or Open Order), for the current year, to the appropriation No. 1075 (Apparatus, Machinery, Vehicles, etc.).

The transfer asked is necessary and required to enable the Department to purchase by contract two gasoline motor road rollers, for which the last named appropriation is found to be insufficient, and it is of great importance to the maintenance of the park drivers to obtain these rollers with as little delay as possible. Respectfully,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 25, 1911, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested the transfer of \$2,000 within appropriations to his Department for the year 1911. In connection therewith, I report as follows:

The proposed transfer is from No. 1074, Repairs and Replacements by Contract or Open Order, to No. 1075, Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage. Both accounts are for the Maintenance of Parks and Boulevards. The Commissioner states the following:

"The transfer is necessary to enable the Department to purchase by contract two gasoline motor road rollers. The balance in No. 1075 is insufficient for this purpose. It is of great importance to the maintenance of the park drives to obtain these rollers with as little delay as possible."

It is proposed to purchase two four-cylinder motors at \$2,850 each. The appropriation for No. 1075 was \$10,000. The expenditures to November 1, 1911, amount to \$4,145.97, as follows:

1 pump for manure pit	\$119 00
1 drilling machine	135 00
Hire of road roller	888 00
1 horse clipping machine	155 00
Hose	700 00
2 wagons for heating and distributing oil for roads, at \$800 each	1,600 00
General supplies for workshop	500 00
Miscellaneous	48 97
	\$4,145 97

The Commissioner states that the contract liabilities against the account amount to \$2,032.19, thereby leaving an unencumbered balance of \$3,821.84. The transfer would make up the \$5,700 needed for the two motor rollers, and leave \$121.84 for general expenditures for the rest of the year.

Two gasoline motor road rollers now are in use in the Department. The Commissioner states that they give better results than steam rollers, with lower charges for maintenance and operation.

I recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Boroughs of Manhattan and Richmond, for the year 1911, as follows:

From	
1074. Repairs and Replacements by Contract or Open Order	\$2,000 00
To	
1075. Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage	\$2,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, The Bronx, Queens and Richmond—13.

The Secretary presented communications relative to the establishment of new positions, additional grades of positions and retirements (pursuant to the provisions of chapter 669 of the Laws of 1911), as follows:

From the Secretary, Board of Education, transmitting certified copies of resolutions adopted by said Board as follows:

1. Requesting that the compensation of the Janitor of Erasmus Hall High School, Brooklyn, be fixed at \$16,250 per annum, to take effect as of August 1, 1911;
2. Requesting the fixing of the compensation of janitors of various public school buildings;
3. Requesting the establishment of the position of Specification Writer, at \$50 per week, for one incumbent;
4. The establishment of the position of Photographer at \$1,500 per annum, for one incumbent;

From the Commissioner of Public Charities, requesting the establishment of the position of Inspector of Buildings, at a salary of \$1,500 per annum;

From the Secretary of the Board of Education, transmitting certified copies of two resolutions adopted by said Board, as follows:

1. Requesting the retirement of William Zimmer, Janitor of Public School No. 71, Manhattan, on an annuity equal to one-half of the amount of his annual salary for the three years next preceding the date of his retirement;
2. Requesting the retirement of Edward Bolman, Janitor of Public School No. 18, Brooklyn, on an annuity equal to one-half of the amount of his annual salary for the three years next preceding the date of his retirement;

From the Commissioner, Department of Correction, recommending the retirement of John Nugent, Head Keeper at the Branch Workhouse, Rikers Island, on an annuity of \$900;

From the Board of Health, requesting the establishment of the position in the Department of Health of Expert (Mosquito Extermination), at \$1,200 per annum;

From the Fire Commissioner, recommending the retirement of Edward Nugent, Blacksmith in the Repair Shops of the Fire Department, on an annuity equal to one-half the amount his compensation has averaged for the past three years.

Which were referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen.

The Secretary presented a communication from the Fire Commissioner submitting for approval salary schedules for the Bureau of Fire Prevention and requesting the establishment of various grades of positions for said Bureau.

Which was referred to the Comptroller for a report on the salary schedules and to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen, for report in regard to the establishment of grades of positions.

The Secretary presented communications as follows:

From the Fire Commissioner, requesting the issue of \$100,000 corporate stock for the purpose of obtaining original surveys of buildings in The City of New York, coming under the jurisdiction of the Fire Commissioner of said City, by reason of the enactment of chapter 899, Laws of 1911, establishing the Bureau of Fire Prevention.

From the Commissioner of Bridges, requesting the amendment of resolutions as adopted (1) June 3, 1910, authorizing the issue of \$1,400,000 corporate stock for completing the construction of bridge across the Harlem River at Madison avenue, and the approaches thereto, by decreasing the amount to \$1,340,000, and (2) February 23, 1911, authorizing the issue of \$338,120 corporate stock for improvements in connection with the Manhattan terminal of the Manhattan Bridge, by decreasing said amount to \$238,120, and further requesting the issue of \$210,000 corporate stock, to provide means for the construction of shops and buildings, and the installation of tools and machinery therein, under the Brooklyn approach of the Brooklyn Bridge.

From the Commissioner of Records, referring to a communication presented to the Board requesting an authorization of corporate stock in the sum of \$37,000 to pay the cost of installing steel filing cases, etc., in the office of the Clerk of the County of New York, in the County Court House, and requesting that said amount be changed to \$7,900 for the same purposes.

(On November 2, 1911, the above request was referred to the Corporate Stock Budget Committee.)

From the Secretary, Board of Education, transmitting certified copy of resolution adopted by said Board, requesting the issue of \$448,860 corporate stock to provide means for the construction and equipment of an addition to Public School 169, Audubon avenue, 168th and 169th streets, Manhattan, and for a new building on a site to be acquired at 207th street, Hull and Perry avenues, Borough of The Bronx.

From the Commissioner of Parks, Boroughs of Manhattan and Richmond, requesting the amendment of resolution adopted July 17, 1911, authorizing an issue of \$200,000 corporate stock to provide means for the construction of the foundations for the southeast wing and court building of the American Museum of Natural History, by including in said amount expenditures to be made for Architect's fees.

Which were referred to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan.

The Secretary presented communications, as follows:

From the Secretary of the Board of Education transmitting certified copies of resolutions adopted by said Board relative to the acquisition of site.

1. For a new high school building on East 184th street, Morris and Creston avenues, and Field place, The Bronx, and

2. A school site on Kelly street, between Avenue St. John and Leggett avenue, Borough of The Bronx.

From the President of the Borough of Queens requesting authority, pursuant to resolution adopted September 30, 1910, to employ 6 Topographical Draftsmen at \$1,500 each per annum, and further requesting that the schedules for salaries for temporary employees, Corporate Stock and Assessment forces, be modified to provide for this additional help.

Two, from the Secretary, Local School Board District 37, Borough of Brooklyn, requesting (1) the leasing of property or erection of portable buildings to provide additional school accommodations in vicinity of Public Schools 112 and 127, Brooklyn, and (2) requesting that a site in section north of 70th street and west of 13th avenue be selected to relieve the congestion at Public School 112, but opposing the selection of a site on a street car line.

Which were referred to the Comptroller.

The Secretary presented a communication from the Commissioner of Docks transmitting plan for terminal facilities and equipment thereof pursuant to chapter 776 of the Laws of 1911, for the improvement along the shores of Gowanus Bay and Red Hook Channel, Brooklyn.

Which was referred to the Chief Engineer.

The Secretary presented a communication from the Acting President of the Borough of Brooklyn submitting list of streets desired to be repaved and requesting authority to charge cost of the same to the repaving fund.

Which was laid over.

(On October 11, 1911, the above matter was laid over for one week and on October 19, and again on November 2, 1911, was laid over for two weeks.)

The Secretary presented reports of the Comptroller, as follows:

Certifying claim of the Monarch Typewriter Company, pursuant to section 246 of the Charter, in the sum of \$65, the difference in value of a new typewriting machine over an old one taken in exchange, for the use of the Bureau of Public Buildings and Offices, Borough of Queens.

(On November 9, 1911, the above report was laid over.)

Recommending the issue of \$25,000 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for the wages of the laboring force of the Department of Parks, Boroughs of Manhattan and Richmond, for the remainder of the year 1911; also recommending approval of a schedule for said fund;

(On October 26, 1911, the resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

(On November 9, 1911, the above report was laid over.)

Recommending the issue of \$238.70 special revenue bonds (subdivision 8, section 188 of the Charter) to provide for the salary of a Finger Print Expert in the Department of Correction, from October 20 to December 31, 1911; also recommending approval of a schedule for said fund;

(On October 26, 1911, a resolution of the Board of Aldermen requesting the issue of \$400 special revenue bonds to provide for the salary of said position for four months of 1911, was referred to the Comptroller.)

Recommending the issue of \$7,000 special revenue bonds (subdivision 8, section 188, of the Charter), for the purpose of making repairs and equipping court room and offices at Atlantic avenue and Clinton street, Brooklyn, used by the Court of Special Sessions;

(On November 2, 1911, a resolution of the Board of Aldermen requesting the issue of \$7,500 special revenue bonds, for the above purpose, was referred to the Comptroller.)

Recommending the issue of \$700 special revenue bonds (subdivision 8, section 188 of the Charter), for replenishing the Contingent Account, office of the City Clerk, for the year 1911;

(On October 26, 1911, a resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

Recommending the issue of \$918.30 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for increases in salaries of certain employees in the office of the Board of Aldermen and City Clerk; also recommending approval of a schedule for said fund;

(On October 11, 1911, a resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

Recommending the issue of \$666.66 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for the salary of an Examiner in the Department of Parks, Boroughs of Manhattan and Richmond, from November 1 to December 31, 1911; also recommending approval of a schedule for said fund;

(On November 2, 1911, a resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

Recommending the issue of \$600 special revenue bonds (subdivision 8, section 188 of the Charter) to provide for the maintenance, care and storage of an Automobile, from July 1 to December 1, 1911, used by the Mayor's Bureau of Weights and Measures;

(On October 26, 1911, a resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

Recommending the issue of \$2,190.82 special revenue bonds (subdivision 8, section 188 of the Charter), to provide for the salary of the Commissioner of Parks, Borough of Queens, from July 24 to December 31, 1911; also recommending approval of a schedule for said fund;

(On October 26, 1911, a resolution of the Board of Aldermen requesting the above appropriation was referred to the Comptroller.)

Which were laid over.

The Secretary presented the following communication from the Acting President of the Borough of Queens requesting, and report of the Comptroller relative to the modification of Salary Schedule 1875, supporting the appropriation made in the Budget for the year 1911, for the office of the President of the Borough of Queens, to take effect as of October 1, 1911, providing for the promotion of a Cleaner, at \$780 per annum, to Janitor at \$900 per annum, and also for the correction of a typographical error, by changing the rate of compensation of 17 Cleaners from \$840 to \$480 per annum;

The City of New York, Office of the President of the Borough of Queens, Long Island City, October 19, 1911.

Hon. WILLIAM J. GAYNOR, Mayor, Chairman Board of Estimate and Apportionment, City of New York:

Sir—Pursuant to resolution, prefacing Budget, application is hereby made for revision of Fund 1875, President of the Borough of Queens, Bureau of Public Buildings and Offices, Maintenance, Wages of Regular Employees, 1911, to wit:

Present Schedule.

President of the Borough of Queens, Bureau of Public Buildings and Offices, Fund No. 1875, Maintenance, 1911, Wages, Regular Employees:

Foremen, 2 at \$4 per day (365 days).....	\$2,920 00
Foreman of Plumbers, 1 at \$4 per day (303 days).....	1,212 00
Assistant Foremen, 4 at \$3.50 per day (313 days).....	4,382 00
Cleaner, 1 at \$840.....	840 00
Cleaner, 1 at \$780.....	780 00
Cleaners, 17 at \$480.....	8,160 00
Engineer, 1 at \$4.50 per day (365 days).....	1,642 50
Engineman, 1 at \$4.50 per day (365 days).....	1,642 50
Stokers, 2 at \$3 per day (365 days).....	2,190 00
Licensed Fireman, 1 at \$3 per day (365 days).....	1,095 00
Mechanics' Helpers, 2 at \$3 per day (303 days).....	1,818 00

Elevatorman	900 00
Janitors, 4 at \$1,200.....	4,800 00
Janitor, at \$1,050.....	1,050 00
Electrician, 1 at \$4.50 per day (277 days).....	1,246 50
Balance unassigned	795 00

\$35,473 50

Proposed Schedule.

Foremen, 2 at \$4 per day (365 days).....	\$2,920 00
Foreman of Plumbers, 1 at \$4 per day (303 days).....	1,212 00
Assistant Foremen, 4 at \$3.50 per day (313 days).....	4,382 00
Cleaner, 1 at \$840.....	840 00
Cleaners, 17 at \$480.....	8,160 00
Engineer, 1 at \$4.50 per day (365 days).....	1,642 50
Engineman, 1 at \$4.50 per day (365 days).....	1,642 50
Stokers, 2 at \$3 per day (365 days).....	2,190 00
Licensed Fireman, 1 at \$3 per day (365 days).....	1,095 00
Mechanics' Helpers, 2 at \$3 per day (303 days).....	1,818 00
Elevatorman	900 00
Janitors, 4 at \$1,200.....	4,800 00
Janitor, 1 at \$900.....	900 00
Janitor, 1 at \$1,050.....	1,050 00
Electrician, 1 at \$4.50 per day (277 days).....	1,246 50
Balance unassigned	675 00

\$35,473 50

This revision is made necessary to correct an error in line, Cleaners, 17 at \$840, should be 17 at \$480, and to provide for one (1) Janitor at \$900, promoted on October 1, 1911, from the position of Laborer. Yours respectfully,

WALTER H. BUNN, Acting President of the Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 19, 1911, the Acting President of the Borough of Queens requested modification of the 1911 schedule for the Bureau of Public Buildings and Offices, Maintenance, No. 1875, Wages, Regular Employees. In connection therewith, I report as follows:

It is proposed to promote Lucien Bourdonay, a Cleaner, at \$780 per annum, to Janitor at \$900 per annum. The incumbent was appointed on May 28, 1906, as a Cleaner at the present rate. He is in charge of the cleaning force in the Town Hall, Jamaica, and has been acting as Janitor for the last year. The yearly increase of \$120 is available in an unassigned balance. The request also provides for correction of a typographical error by changing the rate of compensation of 17 Cleaners from \$840 to \$480 per annum. The line item amount is for the \$480 rate.

The following table shows the line item changes in detail:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
1875.	Janitor, at \$900.....		\$900 00		\$225 00
	Cleaner, 1 at \$780.....	\$780 00		\$195 00	
	Unassigned balance	120 00		30 00	
		\$900 00	\$900 00	\$225 00	\$225 00

The attached resolution, if adopted, will grant the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of Queens for the year 1911, to take effect as of October 1, 1911, as follows:

President of the Borough of Queens.

Bureau of Public Buildings and Offices, Maintenance—

1875. Wages, Regular Employees:	
Foremen, 2 at \$4 per day (365 days).....	\$2,920 00
Foreman of Plumbers, 1 at \$4 per day (303 days).....	1,212 00
Assistant Foremen, 4 at \$3.50 per day (313 days).....	4,382 00
Cleaner, 1 at \$840.....	840 00
Cleaners, 17 at \$480.....	8,160 00
Engineer, 1 at \$4.50 per day (365 days).....	1,642 50
Engineman, 1 at \$4.50 per day (365 days).....	1,642 50
Stokers, 2 at \$3 per day (365 days).....	2,190 00
Licensed Fireman, 1 at \$3 per day (365 days).....	1,095 00
Mechanics' Helpers, 2 at \$3 per day (303 days).....	1,818 00
Elevatorman	900 00
Janitors, 4 at \$1,200.....	4,800 00
Janitor, at \$1,050.....	1,050 00
Janitor, at \$900.....	900 00
Electrician, 1 at \$4.50 per day (277 days).....	1,246 50
Balance unassigned	675 00

\$35,473 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Parks, Borough of Brooklyn, requesting, and report of the Comptroller recommending, the modification of Salary Schedule 1169, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for a decrease in the number of days for Bricklayers at \$5.60 by 375 days, and increasing the number of days for Engineers of Steam Rollers, and Grass Cutters, at \$4.50, by 360 days and the number of days for Blacksmith's Helpers, at \$3.50, by 100 days:

The City of New York, Department of Parks, Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park, Borough of Brooklyn, October 21, 1911.

To the Honorable Board of Estimate and Apportionment of The City of New York:

Gentlemen—You are hereby respectfully requested to change the line items in account "1169, General Maintenance, Mechanical Force, Wages, Temporary Employees," by eliminating the line items

1169. Bricklayers, at \$5.60 per day (1,000 days).....	\$5,600 00
Blacksmith Helpers, at \$3.50 per day (720 days).....	2,520 00
Engineers of Steam Rollers and Grass Cutters, at \$4.50 per day (2,500 days)	11,250 00

\$19,370 00

—and inserting in lieu thereof:

Bricklayers, at \$5.60 per day (625 days).....	\$3,500 00
Blacksmith Helpers, at \$3.50 per day (820 days).....	2,870 00
Engineers of Steam Rollers and Grass Cutters, at \$4.50 per day (2,860 days)	12,870 00
Balance Unassigned	130 00

\$19,370 00

—not changing thereby the total appropriation.

Very truly yours,

M. J. KENNEDY, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request from the Commissioner of Parks, Borough of Brooklyn, under date of October 21, 1911, for modification of the 1911 schedule for General Maintenance, Mechanical Force, No. 1169, Wages, Temporary Employees, I report as follows:

It is proposed to decrease the number of days for Bricklayers, at \$5.60, by 375 days, and increase the days for Engineers of Steam Rollers and Grass Cutters, at \$4.50, by 360 days; and the days for Blacksmith's Helpers, at \$3.50, by 100 days. The changes do not increase the total of the schedule, and are necessary, the Commissioner states, for the payrolls of the mechanical and laboring force for the rest of the year. No increase in compensation is involved.

The following table shows the line item changes in detail:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
1169.	Bricklayer, at \$5.60 per day (1,000 days)	\$2,100 00	.....	\$2,100 00	.....
	Blacksmith's Helper, at \$3.50 per day (720 days) .....	.....	\$350 00	.....	\$350 00
	Engineers of Steam Rollers and Grass Cutters, at \$4.50 per day (2,500 days) .....	.....	1,620 00	.....	1,620 00
	Balance unassigned .....	.....	130 00	.....	130 00
		\$2,100 00	\$2,100 00	\$2,100 00	\$2,100 00

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Parks, Borough of Brooklyn, for the year 1911, as follows:

Department of Parks, Brooklyn.

General Maintenance, Mechanical Force—

1169.	Wages, Temporary Employees:	
	Bricklayers, at \$5.60 per day (625 days)	\$3,500 00
	Masons, at \$5 per day (1,000 days)	5,000 00
	Carpenters, at \$5 per day (1,000 days)	5,000 00
	Painters, at \$4 per day (1,500 days)	6,000 00
	Blacksmiths, at \$4.50 per day (560 days)	2,520 00
	Blacksmith's Helpers, at \$3.50 per day (820 days)	2,870 00
	Engineers of Steam Rollers and Grass Cutters, at \$4.50 per day (2,860 days)	12,870 00
	Balance unassigned	130 00
		\$37,890 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Bridges requesting, and report of the Comptroller recommending, approval of the Schedules of Wages, as revised, for the Non-Budgetary Accounts, New York and Brooklyn Bridge, and the Engineering Construction Force of said Department, to be effective as of November 1, 1911, providing for the transfer of one Machinist at \$4.50 a day from one schedule to another:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., October 9, 1911.
Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York, 280 Broadway, New York City:

Sir—I have to request a modification of the schedules for the New York and Brooklyn Bridge and the Construction Division of this Department, which schedules were adopted by the Board of Estimate and Apportionment on June 1 and July 13, respectively, effective as of November 1, 1911, as follows:

New York and Brooklyn Bridge—Drop 1 Machinist at \$4.50 per day (276 days).

Construction Division—Add 1 Machinist at \$4.50 per day (276 days).

The services of this employee are necessary on the installation of mechanical plant and machinery in the Municipal building. Respectfully,

ARTHUR J. O'KEEFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 9, 1911, the Commissioner of Bridges requested modification of two non-budgetary schedules for wages for regular employees on the New York and Brooklyn Bridge, and the Construction Division, for the year 1911. In connection therewith I report as follows:

It is proposed to transfer one Machinist, at \$4.50 a day, from the New York and Brooklyn Bridge schedule to the Construction Division schedule. The services of the employee are necessary on the installation of the mechanical plant and machinery in the Municipal Building. No increase in compensation is involved.

The following table shows the line item changes in detail:

Schedule Line.	Schedule Decrease.	Transfer Increase.
New York and Brooklyn Bridge, Machinist, 1 at \$4.50 per day (276 days)	\$1,242 00	.....
Construction Division, Machinist, 1 at \$4.50 per day (276 days) .....	.....	\$1,242 00

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for employees of the Department of Bridges, paid from other than budgetary funds, for the year 1911, to be effective as of November 1, 1911, as follows:

Department of Bridges.

New York and Brooklyn Bridge Division—

Wages, Regular Employees:

Master Mechanic	1 at	\$2,400 00
Superintendent of Electric Lights	1 at	2,200 00
Foreman Carpenter	1 at	2,400 00
Foreman Carpenter	1 at	1,500 00
Assistant Foreman Carpenter	1 at	1,500 00
Foreman Lineman	1 at	1,500 00
Foreman Brick Mason	1 at	1,800 00
Foreman Riveter	1 at	2,100 00
Foreman Riveter	1 at	1,800 00
Foreman Bridge Mechanic	1 at	1,500 00
Foreman Painter	1 at	1,800 00
Foreman Painters	2 at	1,500 00
Foreman Blacksmith	1 at	1,800 00
Foreman Laborer	1 at	2,150 00
Foreman Laborer	1 at	1,500 00
Assistant Foreman Laborer	1 at	1,500 00
Assistant Foreman	2 at	1,500 00
Riveters (276 days), per day	33 at	5 00
Housesmiths (276 days), per day	3 at	5 00
Bridge Mechanic (276 days), per day	1 at	5 00
Stonemasons (276 days), per day	3 at	5 00
Brick Masons (Layers) (276 days), per day	4 at	5 60
Carpenters (276 days), per day	16 at	5 00
Ship Carpenters (276 days), per day	2 at	5 00
Riggers (276 days), per day	3 at	3 75
Machinists (276 days), per day	9 at	4 50
Machinists (302 days), per day	6 at	4 50
Stokers (365 days), per day	2 at	3 00
Oilers (365 days), per day	2 at	3 00

Machinists' Helpers (276 days), per day	4 at	3 00
Blacksmiths (276 days), per day	3 at	4 50
Blacksmith's Helpers (276 days), per day	5 at	3 00
Wiremen (302 days), per day	11 at	4 50
Stationary Engineers (365 days), per day	4 at	4 50
Stationary Engineer (312 days), per day	1 at	4 50
Fireman (365 days), per day	1 at	3 00
Mason's Helper (276 days), per day	1 at	3 00
Painters and Bridge Painters (276 days), per day	19 at	4 00
Drivers (365 days), per day	8 at	2 50
Watchmen (365 days), per day	2 at	3 00
Watchmen (365 days), per day	14 at	2 50
Attendants (365 days), per day	6 at	2 50
Laborer (302 days), per day	1 at	3 50
Engineering Construction Force—		
Wages, Regular Employees:		
Machinist (276 days), per day	1 at	4 50
Watchman (365 days), per day	1 at	3 00
Watchmen (365 days), per day	2 at	2 50
Foreman Stone Mason (276 days), per day	1 at	4 00
Laborers (312 days), per day	2 at	3 00
Laborer (365 days), per day	1 at	2 50
Laborer (312 days), per day	5 at	2 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Public Service Commission for the First District requesting, and report of the Comptroller recommending, approval of the Schedules of Salaries, as revised for said Commission for the year 1911, to take effect as of September 1, 1911, providing for the addition of three new positions at a yearly cost of \$5,160, and the elimination of four positions at a yearly cost of \$5,640:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, October 4, 1911.

Hon. W. A. PRENDERGAST, Comptroller, Department of Finance, 280 Broadway, New York City:

Dear Sir—It has been found necessary to make the following changes in certain schedules and as so modified these schedules form the basis of the payrolls for the month of September, 1911:

In the General Administration Schedule R-PSC-1, omit line 22, "Law Clerk, \$840," and line 35, "Watchman, \$600," change line 26 to read "Stenographer, 11 at \$1,080, \$11,880," and change line 39, "Balance Unassigned, \$1,600," to "Balance Unassigned, \$1,960."

In the schedule of the Bureau of Gas and Electricity, R-PSC-16, change line 10, "Inspector of Electric Meters, 3 at \$1,200, \$3,600," to read "Inspector of Electric Meters, 2 at \$1,200, \$2,400," add line 11, "Inspector of Electric Meters, \$1,080," and add line 12, "Balance Unassigned, \$120."

In the schedule of the Engineering Department, R-PSC-18, change line 8, "Senior Assistant Division Engineer, 6 at \$3,000, \$18,000," to "Senior Assistant Division Engineer, 5 at \$3,000, \$15,000," and change line 9 to, "Assistant Division Engineer, 2 at \$3,000, \$6,000." Very truly yours,

TRAVIS H. WHITNEY, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request of the Secretary of the Public Service Commission for the First District, on October 4, 1911, for modification of three non-budgetary schedules for the Commission for the year 1911, I report as follows:

Three new positions are to be added at a yearly cost of \$5,160; and four positions, amounting to \$5,640 per annum, are to be abolished. The changes give a decrease in yearly cost of \$480.

The positions to be abolished are as follows:

Law Clerk, at	\$840 00
Watchman, at	600 00
Inspector of Electric Meters, at	1,200 00
Senior Assistant Division Engineer, at	3,000 00
	\$5,640 00

The positions to be added are as follows:

Stenographer, at	\$1,080 00
Inspector of Electric Meters, at	1,080 00
Assistant Division Engineer, at	3,000 00
	\$5,160 00

The following tables show the schedule changes in detail:

Account No.	Schedule Line.	Schedule Decrease.	Transfer Increase.
R-PS-C1	Law Clerk, at \$840	\$840 00	.....
	Stenographer, 10 at \$1,080 .....	.....	\$1,080 00
	Watchman, at \$600	600 00	.....
	Balance unassigned, \$1,600 .....	.....	360 00
R-PS-C18	Senior Assistant Division Engineers, 6 at \$3,000	3,000 00	.....
	Assistant Division Engineer, 1 at \$3,000 .....	.....	3,000 00
R-PS-C16	Inspector of Electric Meters, 3 at \$1,200	1,200 00	.....
	Inspector of Electric Meters, at \$1,080 .....	.....	1,080 00
	Balance unassigned .....	.....	120 00
		\$5,640 00	\$5,640 00

No increase in compensation is involved.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Public Service Commission for the year 1911, to take effect as of September 1, 1911, as follows:

General Administration—

R-PSC-1. Salaries:	
Assistant Secretary	\$4,000 00
Assistant Secretary	3,600 00
Assistant Secretary	2,100 00
Secretary to Chairman	3,600 00
Secretary to Commissioners, 4 at \$2,100	8,400 00
Auditor	3,300 00
Deputy Auditor	1,801 00
Chief Clerk	3,000 00
Assistant Chief Clerk, 2 at \$1,500	3,000 00
Clerk	960 00
Clerk	900 00
Proofreader	1,080 00
File Clerk, 4 at \$1,080	4,320 00
Clerk, 2 at \$721	1,442 00
Junior Clerk, 7 at \$540	3,780 00
Junior Clerk, 3 at \$480	1,440 00
Purchasing Agent	1,800 00
Librarian	3,300 00
Assistant Librarian	1,080 00
Junior Assistant Counsel	2,000 00
Junior Assistant Counsel	1,800 00
Correspondence Clerk	1,080 00
Correspondence Clerk	912 00
Stenographer	1,650 00

Stenographer, 11 at \$1,080.....	11,880 00
Stenographer, 3 at \$960.....	2,880 00
Stenographer, 4 at \$900.....	3,600 00
Stenographer.....	840 00
Messenger.....	900 00
Telephone Operator.....	840 00
Telephone Operator.....	720 00
Page, 5 at \$360.....	1,800 00
Porter.....	600 00
Assistant Supervising Transit Inspector.....	1,350 00
Junior Assistant.....	1,200 00
Photographer.....	2,100 00
Balance unassigned.....	1,960 00

\$91,015 00

Bureau of Gas and Electricity—
R-PSC-16. Salaries:

Secretary.....	\$3,300 00
Chief Gas Engineer.....	3,000 00
Clerk.....	1,500 00
Stenographer.....	1,080 00
Complaint Inspector.....	1,350 00
Complaint Inspector.....	1,200 00
Chief Inspector of Meters.....	1,200 00
Gas Meter Tester.....	1,200 00
Gas Meter Tester, 20 at \$1,080.....	21,600 00
Inspector of Electric Meters, 2 at \$1,200.....	2,400 00
Inspector of Electric Meters.....	1,080 00
Balance unassigned.....	120 00

\$39,030 00

Engineering Department—
R-PSC-18. Salaries:

Engineer of Subway Construction.....	\$10,000 00
Principal Assistant Engineer.....	5,000 00
Division Engineers, 4 at \$4,000.....	16,000 00
Designing Engineers, 4 at \$3,300.....	13,200 00
Senior Assistant Designing Engineers, 2 at \$3,000.....	6,000 00
Senior Assistant Designing Engineer.....	2,700 00
Assistant Designing Engineer.....	2,700 00
Senior Assistant Division Engineers, 5 at \$3,000.....	15,000 00
Senior Assistant Division Engineer.....	2,700 00
Assistant Division Engineers, 2 at \$3,000.....	6,000 00
Assistant Division Engineers, 2 at \$2,700.....	5,400 00
Assistant Division Engineer.....	2,550 00
Assistant Engineers, 2 at \$2,400.....	4,800 00
Assistant Engineers, 10 at \$2,250.....	22,500 00
Assistant Engineers, 2 at \$2,100.....	4,200 00
Assistant Engineers, 7 at \$1,950.....	13,650 00
Assistant Engineer.....	1,860 00
Assistant Engineer.....	1,812 00
Junior Engineers, 11 at \$1,800.....	19,800 00
Junior Engineers, 9 at \$1,650.....	14,850 00
Junior Engineers, 5 at \$1,512.....	7,560 00
Junior Engineers, 5 at \$1,500.....	7,500 00
Junior Engineers, 3 at \$1,350.....	4,050 00
Junior Engineers, 11 at \$1,201.....	13,211 00
Designers, 3 at \$2,100.....	6,300 00
Designers, 5 at \$1,950.....	9,750 00
Designing Architect.....	3,012 00
Designing Architect.....	3,000 00
Assistant Designing Architect.....	2,700 00
Architectural Designers, 2 at \$2,100.....	4,200 00
Architectural Draftsmen, 4 at \$1,800.....	7,200 00
Architectural Draftsmen, 3 at \$1,650.....	4,950 00
Architectural Draftsman.....	1,500 00
Draftsmen, 6 at \$1,800.....	10,800 00
Draftsmen, 3 at \$1,650.....	4,950 00
Draftsman.....	1,500 00
Draftsmen, 4 at \$1,350.....	5,400 00
Junior Assistants, 10 at \$1,200.....	12,000 00
Junior Assistants, 10 at \$1,080.....	10,800 00
Junior Assistant.....	1,000 00
Junior Assistants, 13 at \$960.....	12,480 00
Junior Assistants, 2 at \$912.....	1,824 00
Junior Assistants, 4 at \$901.....	3,604 00
Junior Assistants, 6 at \$900.....	5,400 00
Junior Assistant.....	840 00
Junior Assistants, 14 at \$720.....	10,080 00
Secretary to Chief Engineer.....	2,500 00
Assistant Chief Clerk.....	1,500 00
Stenographer.....	1,650 00
Stenographers, 2 at \$1,350.....	2,700 00
Stenographer.....	1,200 00
Stenographers, 2 at \$1,080.....	2,160 00
Stenographers, 6 at \$960.....	5,760 00
Junior Clerk.....	480 00
Pages, 6 at \$360.....	2,160 00
Porter.....	660 00
Janitor.....	180 00
Janitor.....	96 00
Cement Tester.....	2,100 00
Steel Chemist.....	1,980 00
Cement Tester.....	1,500 00
Inspectors of Steel, 2 at \$1,500.....	3,000 00
Inspector of Conduits.....	1,200 00
Balance, unassigned.....	299 00

\$357,458 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Tenement House Department requesting, and report of the Comptroller recommending, the modification of Salary Schedule 204, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for the change in title of a Typewriting Copyist, at \$1,050 per annum, to Stenographer and Typewriter, at the same rate, and change in title of a Stenographer and Book Typewriter at \$900, to Typewriting Copyist at the same rate:

Tenement House Department of The City of New York, Borough of Manhattan, 44 East 23d Street, New York, October 6, 1911.

Board of Estimate and Apportionment, 277 Broadway, City:

Gentlemen—I respectfully request that the following Budget appropriation for this Department for the year 1911 be revised as of October 1, 1911.

204. Administration Salaries—	
Increasing the number of—	
Stenographers and Typewriting Copyists, at \$1,050, by 1.....	\$1,050 00
Typewriting Copyists, at \$900, by 1.....	900 00

\$1,950 00

Decreasing the Number of:

Typewriting Copyists, at \$1,050, by 1.....	1,500 00
Stenographer and Book Typewriter, at \$900, by 1.....	900 00

\$1,950 00

The above revision requires no additional appropriation.

Yours respectfully,

JOHN J. MURPHY, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 6, 1911, the Commissioner of the Tenement House Department requested modification of the schedule for Administration, No. 204, Salaries, in his Department for the year 1911. In connection therewith I report as follows:

It is proposed to change the title of a Typewriting Copyist, at \$1,050 per annum, to Stenographer and Typewriter, at the same rate, and the title of a Stenographer and Book Typewriter, at \$900, to Typewriting Copyist, at the same rate. It is stated that the changes are to make the titles conform to the work of the incumbents. The following table shows the line item changes in detail:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Increase.	Decrease.	Increase.	Decrease.
204.	Stenographers and Typewriters, 3 at \$1,050.....	\$1,050 00	.....	\$175 00	.....
	Typewriting Copyists, 23 at \$900.....	900 00	.....	150 00	.....
	Typewriting Copyists, 2 at \$1,050.....	.....	\$1,050 00	.....	\$175 00
	Stenographers and Book Typewriters, 4 at \$900.....	.....	900 00	.....	150 00
	....	\$1,950 00	\$1,950 00	\$325 00	\$325 00

I recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Tenement House Department, for the year 1911, as follows:

Tenement House Department.

Administration—

204. Salaries:	
First Deputy Commissioner.....	\$4,000 00
Second Deputy Commissioner.....	4,000 00
Superintendents, 2 at \$3,000.....	6,000 00
Chief Inspectors, 2 at \$3,000.....	6,000 00
Chief Inspector.....	2,800 00
Chief Inspectors, 2 at \$2,550.....	5,100 00
Chief Inspector.....	2,100 00
Secretary to First Deputy.....	1,500 00
Clerks, 8 at \$1,500.....	12,000 00
Clerks, 4 at \$1,350.....	5,400 00
Clerks, 30 at \$1,200.....	36,000 00
Clerks, 66 at \$1,050.....	69,300 00
Clerks, 3 at \$900.....	2,700 00
Clerks, 23 at \$750.....	17,250 00
Clerks, 60 at \$600.....	36,000 00
Clerks, 6 at \$540.....	3,240 00
Clerks, 10 at \$480.....	4,800 00
Clerks, 71 at \$300.....	21,300 00
Plan Examiner.....	1,800 00
Plan Examiner.....	1,500 00
Plan Examiners, 4 at \$1,350.....	5,400 00
Plan Examiners, 13 at \$1,200.....	15,600 00
Stenographer to Second Deputy Commissioner.....	1,350 00
Stenographers and Typewriters, 4 at \$1,050.....	4,200 00
Stenographers and Typewriters, 11 at \$900.....	9,900 00
Stenographers and Typewriters, 11 at \$750.....	8,250 00
Stenographer and Book Typewriter.....	1,050 00
Stenographers and Book Typewriters, 3 at \$900.....	2,700 00
Typewriting Copyist.....	1,050 00
Typewriting Copyists, 24 at \$900.....	21,600 00
Typewriting Copyists, 80 at \$750.....	60,000 00
Messenger.....	1,500 00
Messengers, 2 at \$900.....	1,800 00
Process Servers, 10 at \$900.....	9,000 00
Telephone Operators, 2 at \$900.....	1,800 00
Tabulator.....	1,500 00
Unassigned balance.....	2,240 00

\$391,730 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Bridges requesting, and report of the Comptroller recommending, modification of Salary Schedule 138, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for a readjustment of the number of days for Carpenters, etc., to provide for urgent repair work on the Manhattan Bridge, to take effect as of October 1, 1911:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., September 30, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York, 280 Broadway, New York, N. Y.:

Sir—I have to request a modification of schedules supporting the Budget appropriation for the Department of Bridges for the year 1911, as follows:

Manhattan Bridge.

138. Wages, Temporary Employees—Schedule reading:			
Title.	Rate.	Days.	Amount.
Enginemen	\$4 50	138	\$621 00
Carpenters	5 00	1,108	5,540 00
Riveters	4 80	1,108	5,318 40
Wiremen	4 50	225	1,012 50
Laborers	3 00	50	150 00
Laborers	2 50	809	2,022 50
			<hr/> \$14,664 40

To be revised to read as follows, to be effective as of October 1, 1911:

Title.	Rate.	Days.	Amount.
Machinists.....	\$4 50	100	\$450 00
Machinist's Helpers.....	3 00	52	156 00
Blacksmiths.....	4 50	100	450 00
Blacksmith's Helpers.....	3 00	200	600 00
Stonemasons.....	5 00	50	250 00
Carpenters.....	5 00	845	4,225 00
Riveters.....	4 80	1,108	5,318 40
Wiremen.....	4 50	225	1,012 50
Laborers.....	3 00	50	150 00
Laborers.....	2 50	809	2,022 50
Riggers.....	3 75	8	30 00
			\$14,664 40

This readjustment is for the services of employees needed for urgent repair work on this structure and not otherwise provided for. This modification does not increase the Budget appropriation for 1911. Respectfully,

ARTHUR J. O'KEEFFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 30, 1911, the Commissioner of Bridges requested modification of the 1911 schedule for the Manhattan Bridge, No. 138, Wages, Temporary Employees. In connection therewith I report as follows:

It is proposed to decrease the number of days for Carpenters from 1,108 to 845, and to strike out the 138 days for Enginemen, thereby providing for Machinists for 100 days, Machinists' Helpers for 52 days, Blacksmiths for 100 days, Blacksmiths' Helpers for 200 days, Stonecutters for 50 days and Riggers for 8 days. There is no increase in the total of the schedule. The Commissioner states that the readjustment is for the service of employees needed for urgent repair work on the bridge and not otherwise provided for.

The following table shows the line item changes in detail:

Ac- count. No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Increase.	Decrease.	Increase.	Decrease.
138.	Enginemen, at \$4.50 (138 days)	\$621 00			
	Carpenters, at \$5 (1,108 days)	1,315 00			
	Machinists, at \$4.50 (100 days)		450 00		
	Machinists' Helpers, at \$3 (52 days)		156 00		
	Blacksmiths, at \$4.50 (100 days)		450 00		
	Blacksmiths' Helpers, at \$3 (200 days)		600 00		
	Stonecutters, at \$5 (50 days)		250 00		
	Riggers, at \$3.75 (8 days)		30 00		
		\$1,936 00	\$1,936 00		

I recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Bridges, for the year 1911, to be effective as of October 1, 1911, as follows:

Department of Bridges.

Manhattan Bridge—

138. Wages, Temporary Employees:

Machinists, at \$4.50 per day (100 days)	\$450 00
Machinists' Helpers, at \$3 per day (52 days)	156 00
Blacksmiths, at \$4.50 per day (100 days)	450 00
Blacksmiths' Helpers, at \$3 per day (200 days)	600 00
Stonecutters, at \$5 per day (50 days)	250 00
Carpenters, at \$5 per day (845 days)	4,225 00
Riveters, at \$4.80 per day (1,108 days)	5,318 40
Wiremen, at \$4.50 per day (225 days)	1,012 50
Laborers, at \$3 per day (50 days)	150 00
Laborers, at \$2.50 per day (809 days)	2,022 50
Riggers, at \$3.75 per day (8 days)	30 00
	\$14,664 40

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communications from the Department of Parks, Borough of The Bronx, requesting, and report of the Comptroller recommending, approval of the Schedules for Salaries and Wages, as revised, for corporate stock accounts of said Department, in order that the work on several improvements may be carried on at the same time, by an interchange of forces; to take effect October 25, 1911:

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, September 7, 1911.
Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City.

Sir—Kindly submit to the Board of Estimate and Apportionment for their approval the following Schedules of Salaries and Wages on Corporate Stock Funds:

Department of Parks, Borough of The Bronx.

Railings Around Small Parks and Along Walks and Drives in Other Parks—

C-DP-312A. Foremen, 3 months, at per annum	\$1,200 00
Laborers, 400 days, at per diem	2 50
Pipefitter, 70 days, at per diem	5 50
Painters, 54 days, at per diem	4 00

Filling in and Draining Swamp Land Other than That South of Garden in Van Cortlandt Park—

C-DP-305. Foremen, 3 months; at per annum	\$1,200 00
Laborers, 1,360 days, at per diem	2 50
Double Teams, 360 days, at per diem	5 00

Very truly yours,

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, October 6, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City.

Sir—Kindly submit to the Board of Estimate and Apportionment for their approval the following Schedules of Salaries and Wages on Corporate Stock Funds:

Department of Parks, Borough of The Bronx.

Completion of De Voe Park—	
C-DP-305G. Foreman, 4 months, at per annum	\$1,200 00
Gardeners, 4 months, at per annum	900 00
Laborers, 1,840 days, at per diem	2 50
Double Teams, 120 days, at per diem	5 00
Horses and Carts, 140 days, at per diem	3 00

Raising and Improving Lowlands East of Music Pavilion in Bronx Park—

C-DP-312D. Foreman, 5 months, at per annum	\$1,200 00
Gardeners, 15 months, at per annum	900 00
Laborers, 1,800 days, at per diem	2 50
Double Teams, 360 days, at per diem	5 00
Horses and Carts, 100 days, at per diem	3 00

Draining Meadow Land, Pelham Bay Park—

C-DP-303D. Foremen, 3 months, at per annum	\$1,200 00
Laborers, 1,550 days, at per diem	2 50
Double Teams, 140 days, at per diem	5 00

The above schedules are based upon the estimate of the Chief Engineer of this Department.

Very truly yours,

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, October 21, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City.

Sir—Kindly submit to the Board of Estimate and Apportionment for their approval, the following Schedules of Salaries and Wages on Corporate Stock Funds:

Department of Parks, Borough of The Bronx.

Completion of Road from Botanical Garden to Bronx and Pelham Parkway—	
C-DP-312C. Foreman, 5 months, at per annum	\$1,200 00
Laborers, 2,100 days, at per diem	2 50

Blaster, 40 days, at per diem	4 00
Engineman, 90 days, at per diem	4 50
Stokers, 220 days, at per diem	3 00
Double teams, 300 days, at per diem	5 00
Horses and Carts, 100 days, at per diem	3 00

Improving Shore Front and Bathing Beaches, Pelham Bay Park—	
C-DP-303C. Foreman, 2 months, at per annum	\$1,200 00
Laborers, 1,200 days, at per diem	2 50
Blaster, 10 days, at per diem	4 00
Double teams, 100 days, at per diem	5 00

Drainage System for Lowlands in Macombs Dam Park—	
C-DP-305F. Foreman, 4 months, at per annum	\$1,200 00
Laborers, 1,800 days, at per diem	2 50
Bricklayer, 60 days, at per diem	5 60
Double teams, 60 days, at per diem	5 00

Very truly yours,

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 30, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to requests from the Commissioner of Parks, Borough of The Bronx, under dates of September 7, October 6 and 21, 1911, for approval of schedules for employees paid from corporate stock funds, I report as follows:

The request is for Foremen, Gardeners, Mechanics, Laborers, and horses and carts, for the following funds:

Appropriation.

C-DP-312A. Railings around small parks and along walks and drives in other parks	\$5,000 00
C-DP-305. Filling in and draining swamp land other than that south of garden in Van Cortlandt Park	6,000 00
C-DP-305G. Completion of De Voe Park	8,000 00
C-DP-312D. Raising and improving lowlands east of music pavilion, Bronx Park	10,000 00
C-DP-302D. Draining meadow land, Pelham Bay Park	6,000 00
C-DP-312C. Completion of road from Botanical Garden to Bronx and Pelham Parkway	10,000 00
C-DP-303C. Improving shore front and bathing beaches, Pelham Bay Park	5,000 00
C-DP-305F. Drainage system for lowlands in Macombs Dam Park	6,000 00

The Commissioner states that, as the proposed improvements are all small, the work can be best handled by departmental labor. Another reason is that several of the improvements can be worked together, using the excavation from one piece of work for filling in another.

The schedules are based upon estimates by the Chief Engineer of the Department.

I recommend the adoption of the attached resolution approving the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules for salaries and wages paid from other than Budget appropriations in the Department of Parks, Borough of The Bronx, for the year 1911, to take effect as of October 25, 1911, as follows:

Department of Parks, Borough of The Bronx.

Completion of De Voe Park—

C-DP-305G. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (4 months)	\$400 00
Gardener, at \$900 per annum (4 months)	300 00
Laborer, at \$2.50 per day (1,840 days)	4,600 00
Double teams, at \$5 per day (120 days)	700 00
Horses and carts, at \$3 per day (140 days)	420 00

Raising and Improving Lowland East of Music Pavilion in Bronx Park—

C-DP-312D. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (5 months)	\$500 00
Gardener, at \$900 per annum (15 months)	1,125 00
Laborer, at \$2.50 per day (1,800 days)	4,500 00
Double teams, at \$5 per day (360 days)	1,800 00
Horses and carts, at \$3 per day (100 days)	300 00

Draining Meadow Land in Pelham Bay Park—

C-DP-303D. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (3 months)	\$300 00
Laborer, at \$2.50 per day (1,550 days)	3,875 00
Double teams, at \$5 per day (140 days)	700 00

Railings Around Small Parks and Along Walks and Drives in Other Parks—

C-DP-312A. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (3 months)	\$300 00
Laborer, at \$2.50 per day (400 days)	1,000 00
Pipefitter, at \$5.50 per day (70 days)	385 00
Painters, at \$4 per day (54 days)	216 00

Filling in and Draining Swamp Land Other than that South of Garden in Van Cortlandt Park—

C-DP-305. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (3 months)	\$300 00
Laborer, at \$2.50 per day (1,360 days)	3,400 00
Double teams, at \$5 per day (360 days)	1,800 00

Completion of Road from Botanical Garden to Bronx and Pelham Parkway—

C-DP-312C. Wages, Temporary Employees—	
Foreman, at \$1,200 per annum (5 months)	\$500 00
Laborer, at \$2.50 per day (2,100 days)	5,250 00
Blaster, at \$4 per day (40 days)	160 00
Engineman, at \$4.50 per day (90 days)	405 00
Stokers, at \$3 per day (220 days)	660 00
Double teams, at \$5 per day (300 days)	1,500 00
Horses and carts, at \$3 per day (100 days)	300 00

Improving Shore Front and Bathing Beaches, Pelham Bay Park—

C-DP-303C. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (2 months)	\$200 00
Laborers, at \$2.50 per day (1,200 days)	3,000 00
Blaster, at \$4 per day (10 days)	40 00
Double teams, at \$5 per day (100 days)	500 00

Drainage System for Lowlands in Macomb's Dam Park—

C-DP-305A. Wages, Temporary Employees:	
Foreman, at \$1,200 per annum (4 months)	\$400 00
Laborer, at \$2.50 per day (1,800 days)	4,500 00
Bricklayer, at \$5.60 per day (60 days)	336 00
Double teams, at \$5 per day (60 days)	300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Parks, Boroughs of Manhattan and Richmond requesting, and report of the Comptroller recommending, approval of Salary Schedule No. 1082, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for a decrease in the number of days for Playground Attendants at \$3 by 112 days, and increasing the number of days of Gymnasium Attendants, at \$3 per day, by 62 days, and of Playground Attendants, at \$2 per day, by 75 days;

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, October 31, 1911.

To the Board of Estimate and Apportionment, City of New York:

Gentlemen—In order to carry on the work of the Playgrounds under the jurisdiction of this Department, I respectfully request the following modification of Schedule No. 1082, Wages, Temporary Employees; transfer \$186, from line item Playgrounds Attendants, at \$3 per day, to line item reading Gymnasium Attendants, at \$3 per day; and transfer \$150, from line item Playground Attendants, at \$3 per day, to

line item reading Playground Attendants, at \$2 per day; thereby increasing number of days for Gymnasium Attendants, at \$3 per day, 62 days, and Playground Attendants, at \$2 per day, 75 days, but not exceeding total appropriation for the Schedule.

I further request that immediate action be taken upon this matter for the reason that the unexpended balance now available for Gymnasium Attendants, at \$3, and Playground Attendants, at \$2 per day, only permits of another week's employment, and it would seriously cripple the Playgrounds to have to suspend operation at this time, pending the final report on the \$10,000, Special Revenue Bonds that has been requested to carry on the work of recreation in the Playgrounds.

Respectfully,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 31, 1911, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested modification of the schedules for the Maintenance of Playgrounds, No. 1082, Wages, Temporary Employees, in his Department for the year 1911. In connection therewith I report as follows:

It is proposed to decrease the number of days for Playground Attendants, at \$3, by 112, and increase the number of days for Gymnasium Attendants, at \$3, by 62, and for Playground Attendants, at \$2, by 75.

The Commissioner states that the modification is to meet the current payrolls, without changes in force.

I recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules as revised for the Department of Parks, Boroughs of Manhattan and Richmond, for the year 1911, as follows:

Maintenance, Playgrounds, Bath Houses and Comfort Stations.

Playgrounds—

1082. Wages, Temporary Employees:	
Gymnasium Attendants, at \$4 per day (638 days).....	\$2,552 00
Gymnasium Attendants, at \$3 per day (4,942 days).....	14,826 00
Playground Attendants, at \$3 per day (1,926 days).....	5,778 00
Playground Attendants, at \$2 per day (4,422 days).....	8,844 00
	\$32,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the President of the Borough of The Bronx requesting, and report of the Comptroller relative to the modification of Salary Schedules Nos. 1738, 1750 and 1719, supporting the appropriation made in the Budget for the year 1911, for the office of said Borough President, to take effect as of October 1, 1911, providing for increases in salaries of an Assistant Engineer from \$2,400 to \$3,000; Mechanical Draftsman from \$1,650 to \$1,800; Rodman from \$1,200, to Transitman at \$1,350 per annum, and Typewriting Copyist from \$750 to \$900 per annum, involving the transfer of \$262.50:

Office of the President of the Borough of The Bronx, 3d avenue and 177th street, New York City, October 23, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—Request is hereby respectfully made for a modification of the schedule lines supporting the below-named appropriations, made to the President of the Borough of The Bronx, for the year 1911, as follows; same to date as of October 1, 1911:

Bureau of Sewers.

Administration—

Code No. 1738, Salaries:	
Principal Assistant Engineer in Charge of Sewers (in part).....	\$2,000 00
Stenographer and Typewriter.....	1,500 00
Clerk.....	2,250 00
Clerk.....	1,650 00
Clerk.....	1,350 00
Clerk.....	900 00
Clerk.....	600 00
Inspectors of Sewer Connections, 5 at \$1,500.....	7,500 00
	17,750 00

Bureau of Public Buildings and Offices.

Administration—

Code No. 1750, Salaries:	
Superintendent.....	\$4,000 00
Telephone Switchboard Operator.....	900 00
Clerk.....	1,350 00
Attendant.....	1,200 00
Unassigned balance.....	60 00
	7,510 00

Bureau of Highways.

Maintenance—

Code No. 1719, Salaries:	
Assistant Engineer.....	3,000 00
Mechanical Draftsman.....	1,800 00
Transitman.....	1,350 00
Rodman.....	1,350 00
Inspectors of Regulating, Grading and Paving, 13 at \$1,350.....	17,550 00
Typewriting Copyist.....	900 00
	25,950 00

The foregoing modifications do not increase the total amount appropriated for the combined codes, viz.: No. 1719, No. 1738 and No. 1750, and consist of the following changes from the present schedules:

Code No. 1719—Promotions: Assistant Engineer, John Martin, from \$2,400 to \$3,000, who succeeded to the position formerly occupied by R. H. MacGregor, who received \$3,300 per annum; Mechanical Draftsman, George A. Ritchie, Jr., from \$1,650 to \$1,800; Martin J. Crean, Rodman, at \$1,200 to Transitman, at \$1,350; Typewriting Copyist, Mabel K. Bassford, from \$750 to \$900.

Code No. 1738—Elimination of unassigned balance of \$600.

Code No. 1750—Reduction of unassigned balance from \$510 to \$60.

In order to put into effect the reduction of the unassigned balances above mentioned, so as to provide the funds required for Code No. 1719 as modified, request is hereby respectfully made for the following transfers, involving, from the Bureau of Sewers, Code No. 1738, the amount of \$600 line number, and \$150 cash. From the Bureau of Public Buildings and Offices, Code No. 1750, the amount of \$450 line number, and \$112.50 cash.

Request is therefore made for the transfer of the sum of \$262.50 from the appropriations made to the President, Borough of The Bronx, for the year 1911, entitled and as follows:

Bureau of Sewers.

Code No. 1738, Salaries, Administration.....	\$150 00
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Bureau of Public Buildings and Offices.

Code No. 1750, Salaries, Administration.....	112 50
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\$262 50

The amount of said appropriations being in excess of the amount required for the purposes thereof, to the appropriation made to the said President, for same year, entitled:

Bureau of Highways—Maintenance.

Code No. 1719, Salaries.....	\$262 50
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The amount of said appropriation being insufficient.

Respectfully, CYRUS C. MILLER, President, Borough of The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 23, 1911, the President of the Borough of The Bronx requested modification of three salary schedules supporting Budget appropriations to his office for the year 1911, and involving the cash transfer of \$262.50. In connection therewith, I report as follows:

It is proposed to increase four employees in the Bureau of Highways, Maintenance of Highways, No. 1719, in the sum of \$1,050 per annum. The funds for the increases are to be transferred from unassigned balances in the Bureau of Sewers, Administration, No. 1738, and the Bureau of Public Buildings and Offices, Administration, No. 1750.

The incumbents proposed for increase, their periods of service, rates of compensation, etc., are as follows:

John H. Martin, Assistant Engineer, from \$2,400 to \$3,000 per annum. Mr. Martin was appointed on February 23, 1898, at \$1,700 per annum, and decreased to \$1,650 on May 1, 1902. On August 1, 1904, he was increased to \$1,800; on March 1, 1906, to \$1,950; on February 1, 1907, to \$2,100, and on September 19, 1910, to the present rate.

George A. Ritchie, Jr., Mechanical Draftsman, from \$1,650 to \$1,800 per annum. Mr. Ritchie was appointed on February 11, 1907, at \$1,500, and increased on January 1, 1911, to the present rate.

Martin J. Crean, Rodman, from \$1,200, to Transitman, at \$1,350 per annum. Mr. Crean was appointed by transfer, as Rodman, on June 15, 1907, at \$960, and increased on January 1, 1911, to the present rate.

Miss Mabel K. Bassford, Typewriting Copyist, from \$750 to \$900 per annum. Miss Bassford was transferred from the Tenement House Department on April 1, 1911, at the present rate.

The following table shows the line item changes in detail:

Account No.	Title.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
1738.	Unassigned balance, \$600		\$600 00		\$150 00
1750.	Unassigned balance, \$450		450 00		112 50
1719.	Assistant Engineer, \$2,400		2,400 00		600 00
	Assistant Engineer, \$3,000	\$3,000 00		\$750 00	
	Mechanical Draftsman, \$1,650		1,650 00		412 50
	Mechanical Draftsman, \$1,800	1,800 00		450 00	
	Rodman, \$1,200		1,200 00		300 00
	Transitman, \$1,350	1,350 00		337 50	
	Typewriting Copyist, \$750		750 00		187 50
	Typewriting Copyist, \$900	900 00		225 00	
		\$7,050 00	\$7,050 00	\$1,762 50	\$1,762 50

The modification is requested to cover the October payroll.

The President states that the four incumbents highly merit the proposed promotion.

I transmit herewith, for the consideration of this Board, two resolutions, which, if adopted, will grant the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of The Bronx, for the year 1911, to take effect October 1, 1911, as follows:

President, Borough of The Bronx.

Bureau of Highways, Maintenance of Highways—

1719. Salaries:	
Assistant Engineer.....	\$3,000 00
Mechanical Draftsman.....	1,800 00
Transitman.....	1,350 00
Rodman.....	1,350 00
Inspectors, Regulating, Grading and Paving, 13 at \$1,350.....	17,550 00
Typewriting Copyist.....	900 00
	\$25,950 00

Bureau of Sewers—

1738. Administration, Salaries:	
Principal Assistant Engineer in Charge of Sewers (in part).....	\$2,000 00
Stenographer and Typewriter.....	1,500 00
Clerk.....	2,250 00
Clerk.....	1,650 00
Clerk.....	1,350 00
Clerk.....	900 00
Clerk.....	600 00
Inspectors of Sewer Connections, 5 at \$1,500.....	7,500 00
	\$17,750 00

Bureau of Public Buildings and Offices—

1750. Administration, Salaries:	
Superintendent.....	\$4,000 00
Telephone Switchboard Operator.....	900 00
Clerk.....	1,350 00
Attendant.....	1,200 00
Unassigned balance.....	60 00
	\$7,510 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of The Bronx, for the year 1911, as follows:

From—

Bureau of Sewers, Administration—	
1738. Salaries.....	\$150 00
Bureau of Public Buildings and Offices, Administration—	
1750. Salaries.....	112 50

To—

Bureau of Highways, Maintenance of Highways—	
1719. Salaries.....	\$262 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the President of the Borough of The Bronx requesting, and report of the Comptroller recommending, the modification of Salary Schedule No. 1763, supporting the appropriation made in the Budget for the year 1911, for the office of said Borough President (to be effective as of October 1, 1911), providing for the elimination of two Inspectors, at \$1,500 per annum each, and the addition of one Inspector at \$1,350 and two Inspectors at \$1,200 each, per annum:

City of New York, President of the Borough of The Bronx, 3d Avenue and 177th Street, October 18, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—Request is hereby respectfully made for a modification of the schedule lines supporting the following-named appropriation, made to the office of the President of The Bronx for the year 1911, to take effect as of October 1, 1911, viz.:

President, Borough of The Bronx.

Bureau of Buildings, Field and Inspection—

Code 1763, Salaries:

Chief Inspector	\$3,000 00
Assistant Engineer	2,400 00
Assistant Engineer	1,800 00
Inspector	2,100 00
Inspector	1,800 00
Inspectors, 2 at \$1,650	3,300 00
Inspectors, 32 at \$1,500	48,000 00
Inspectors, 2 at \$1,350	2,700 00
Inspectors, 7 at \$1,200	8,400 00
Unassigned balance	1,200 00

\$74,700 00

The changes from the present schedule consist of the following:

A reduction of two Inspectors at \$1,500—\$3,000, an addition of one Inspector, recently appointed at \$1,350, and additional appointments of two Inspectors at \$1,200—\$2,400, making a net increase of \$750. Respectfully,

CYRUS C. MILLER, President, Borough of The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 9, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 18, 1911, the President of the Borough of The Bronx requested modification of the salary schedule supporting the Budget appropriation for the Bureau of Buildings, Field and Inspection, No. 1763, Salaries, in his office for 1911. In connection therewith I report as follows:

It is proposed to strike out two Inspectors at \$1,500 per annum each and add one at \$1,350 and two at \$1,200 per annum each. The increase in annual cost of \$750 is to be provided by transfer from an unassigned balance of \$1,950. It is stated that the \$1,500 positions are vacant and that appointments are desired at the lower rates. The additional Inspector, it is stated, is necessary on account of increased work in the Bureau.

The line item changes in detail are as follows:

Account No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Increase.	Decrease.	Increase.	Decrease.
1763.	Inspectors, 34 at \$1,500		\$3,000 00		\$750 00
	Inspectors, at \$1,350	\$1,350 00		\$337 50	
	Inspectors, 5 at \$1,200	2,400 00		600 00	
	Unassigned balance		750 00		187 50
		\$3,750 00	\$3,750 00	\$937 50	\$937 50

I recommend the approval of the request by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of The Bronx for the year 1911, to be effective as of October 1, 1911, as follows:

Bureau of Buildings.

Field and Inspection—

1763. Salaries:

Chief Inspector	\$3,000 00
Assistant Engineer	2,400 00
Assistant Engineer	1,800 00
Inspector	2,100 00
Inspector	1,800 00
Inspectors, 2 at \$1,650	3,300 00
Inspectors, 32 at \$1,500	48,000 00
Inspectors, 2 at \$1,350	2,700 00
Inspectors, 7 at \$1,200	8,400 00
Unassigned balance	1,200 00

\$74,700 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Bridges requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the specifications, form of contract and estimate of cost (\$1,850), for furnishing and delivering galvanized wire rope for the Queensboro Bridge, under the jurisdiction of said Department:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., September 19, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, City of New York:

Dear Sir—Pursuant to a resolution adopted by the Board of Estimate and Apportionment on August 31, 1911, I transmit herewith, for your approval, specifications and estimate of cost for the proposed contract for furnishing and delivering galvanized wire rope to the Queensboro Bridge.

The proposed contract provides for the furnishing and delivery of 15,860 lineal feet of 3/4-inch galvanized wire rope. This rope will be used for hand rails on the top chord of the bridge, in order to insure the safety of employees while inspecting or working along the top chord.

The estimated cost of the rope is \$1,850, and is chargeable to the fund for the Department of Bridges entitled "C-DB-7, Bridge Over East River, Between the Boroughs of Manhattan and Queens." The balance unencumbered in this fund is \$97,711.45.

Yours truly,

ARTHUR J. O'KEEFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 19, 1911, the Commissioner of the Department of Bridges requested the approval of specifications, form of contract and estimate of cost in the sum of \$1,850 for 15,860 lineal feet of 3/4-inch galvanized wire rope to be used for hand rails on the top chord of Queensboro Bridge.

The wire rope is for the safety of employees while inspecting or working along the top chord. The cost is to be charged to the Corporate Stock Fund entitled "C-DB-7, Bridge Over the East River Between the Boroughs of Manhattan and Queens." There is a sufficient balance in the fund for the proposed expenditure.

The specifications, contract form and estimate of cost are satisfactory.

I recommend that they be approved by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 17, 1911, as amended on August 31, 1911, hereby approves the specifications, form of contract and estimate of cost in the sum of one thousand eight hundred and fifty dollars (\$1,850), for furnishing and delivering galvanized wire rope for the Queensboro Bridge, under the jurisdiction of the Department of Bridges.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Board of Education requesting, and report of the Comptroller recommending approval, pursuant to

resolution adopted July 17, as amended August 31, 1911, of the plans and specifications for fire protection work at Public Schools 1, 7, 20, 32 and 34, Borough of The Bronx, at a total estimated cost of \$5,860.

(On September 22, 1911, the Comptroller approved the estimates of cost, amounting to \$4,875, for the above work, and the increased total estimate is to provide for awarding the contracts to the lowest bidders.)

Department of Education, Board of Education, Park Avenue and 59th Street, New York, October 18, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York:

Dear Sir—I have the honor to advise you that, under date of August 22, 1911, I transmitted to you a communication, advising you of the receipt of a communication from C. B. J. Snyder, Superintendent of School Buildings, under date of August 21, 1911, reading as follows:

"I am forwarding herewith plans and specifications for fire protection work, etc., at various schools, Borough of The Bronx, for transmission to the Comptroller, to be presented to the Board of Estimate and Apportionment, in compliance with the resolution adopted by that Board on January 5, 1911:

"Approximate Cost—Public School 1, \$975; Public School 7, \$1,100; Public School 20, \$1,000; Public School 32, \$950; Public School 34, \$850."

These plans, specifications and estimates of cost were approved by you on September 22, 1911.

At a meeting of the Committee on Buildings, held on the 16th inst., proposals were received for the work at these schools, and it was found that the amount of the proposal in each case was slightly in excess of that specified in the above approximate cost.

The matter was thereupon referred to Mr. C. M. Morgan, Deputy Superintendent of School Buildings for the Borough of The Bronx, who reported that "the Inspector's estimate for some of the outlying school buildings omitted the important item of extra time required to reach these jobs," and recommended a revision of the statement of approximate cost.

It was ordered that you be informed to the foregoing effect, and requested to amend the statement of approximate cost as quoted in my communication of August 22, 1911, to read as follows:

Amended Estimate—Public School 1, \$1,034; Public School 7, \$1,319; Public School 20, \$1,495; Public School 32, \$1,115; Public School 34, \$897.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 18, 1911, the Board of Education requested approval of increased estimates of cost for proposed fire protection work in five schools in the Borough of The Bronx, so that the lowest bid received for the work at each school may be accepted.

On September 22, 1911, estimates of cost were approved as follows:

P. S. 1	\$975 00
P. S. 7	1,100 00
P. S. 20	1,000 00
P. S. 32	950 00
P. S. 34	850 00
	\$4,875 00

On October 9, 1911, bids were received as follows:

P. S.	Lowest Bids.	Other Bids.			
P. S. 1	\$1,034 00	\$1,092 00	\$1,111 00	\$1,111 00	
P. S. 7	1,319 00	1,574 00	1,587 00		
P. S. 20	1,495 00	1,543 00	1,570 00	1,723 00	
P. S. 32	1,115 00	1,120 00	1,123 00	1,196 00	\$1,243 00
P. S. 34	897 00	1,080 00	1,115 00	1,129 00	1,254 00
	\$5,860 00				

The Deputy Superintendent of School Buildings for the Borough of The Bronx states that the estimates as approved were too low for the reason that no allowance was made for "the important item of extra time required to reach these jobs on outlying school buildings."

The lowest bids give a total increase of \$985 for the five schools. There appears to have been fair competition, and the costs are not excessive.

The expenditure is to be charged against the fund entitled "C-DE-79, School Buildings, Providing Fire Protection, The Bronx," in which there is a balance sufficient for the purpose.

I recommend that the increased estimates of cost be approved by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 17, 1911, as amended August 31, 1911, hereby approves the plans and specifications, and estimates of cost for fire protection work at various public schools in the Borough of The Bronx, under the jurisdiction of the Department of Education, as follows:

Public School 1, one thousand and thirty four dollars (\$1,034).
Public School 7, one thousand three hundred and nineteen dollars (\$1,319).
Public School 20, one thousand four hundred and ninety-five dollars (\$1,495).
Public School 32, one thousand one hundred and fifteen dollars (\$1,115).
Public School 34, eight hundred and ninety-seven dollars (\$897).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Board of Education requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the form of contract, plans, specifications and estimates of cost, for the following work in Public School 40, Borough of Queens, under the jurisdiction of the Department of Education:

1. Installing heating and ventilating apparatus, \$37,000.
2. Installing temperature regulation, \$2,800.

Department of Education, Board of Education, Park Avenue and 59th Street, New York, October 10, 1911.

Hon. W. A. PRENDERGAST, Comptroller:

Dear Sir—I beg to advise you of the receipt of a communication from C. B. J. Snyder, Superintendent of School Buildings, dated October 9, 1911, reading as follows:

"I am forwarding herewith plans and specifications for Item 1, Installing Heating and Ventilating Apparatus, and, Item 2, Installing Temperature Regulation in new Public School 40, Borough of Queens, for transmission to the Comptroller, to be presented to the Board of Estimate and Apportionment, in compliance with the resolution adopted by that Board on January 5, 1911:

"Approximate Cost—Item 1, \$37,000; Item 2, \$2,800."

The plans and specifications mentioned in the foregoing communication are transmitted herewith.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 6, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1911, the Board of Education requested approval of plans and specifications for (Item 1) Installing Heating and Ventilating Apparatus, at an estimated cost of \$37,000, and (Item 2) for Installing Temperature Regulation at an estimated cost of \$2,800, in new Public School 40, Borough of Queens.

The plans and specifications call for the installation of the double-duct plenum system for heating and ventilating, as previously approved for other school buildings, and for temperature regulation by air compressors, thermostats, etc.

The form of contract is the standard form for such work heretofore approved by the Board of Estimate and Apportionment. The plans and specifications are satisfactory and the estimates of cost are reasonable.

The cost of the work is to be charged to the Corporate Stock Fund, "C-DE-71E, Interior Construction and Equipment, Subtitle 11." The sum of \$47,340 was approved for this purpose by the Board of Estimate and Apportionment on June 3, 1910.

I recommend the adoption of the attached resolution granting the request.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted July 17, 1911, as amended August 31, 1911, hereby approves the form of contract, plans, specifications and estimates of cost for work in Public School 40, Borough of Queens, under the jurisdiction of the Department of Education, as follows:

Item 1—Installing heating and ventilating apparatus, thirty-seven thousand dollars (\$37,000).

Item 2—Installing temperature regulation, two thousand eight hundred dollars (\$2,800).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Fire Department requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the specifications (as amended), form of contract, plans and estimate of cost (\$1,300), for installing overhead fire alarm, telegraph circuits, in the Borough of Richmond, under the jurisdiction of the said Department.

Fire Department of The City of New York, September 28, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City:

Sir—Forwarded herewith for the approval of the Board of Estimate and Apportionment are plans and specifications for an extension of the fire alarm telegraph system in the Borough of Richmond. This work consists in installing some 60 miles of overhead circuits throughout the Borough with material to be furnished from the Department's stock. These additional circuits are necessary to provide for additional boxes and to relieve the present circuits, which are overloaded. The estimated cost of this work is \$1,300, which includes an approximate charge of \$376 to be billed by the Western Union Telegraph Co. at cost for providing crossarms and pins on their pole line on the right of way of the Staten Island Rapid Transit Co.

The cost of this work is chargeable to C-FD-5A, "For the Purpose of Providing Means for the Equipment of the Fire Alarm Telegraph System in the Borough of Richmond."

Respectfully,
JOS. JOHNSON, Fire Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 8, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 28, 1911, the Fire Commissioner requested approval of the form of contract, plans, specifications and estimate of cost in the sum of \$1,300, for installing approximately sixty miles of overhead fire alarm telegraph circuits in the Borough of Richmond.

The estimate of cost includes an approximate charge of \$376, to be billed by the Western Union Telegraph Company at cost for providing cross arms and pins on their pole line on the right of way of the Staten Island Rapid Transit Company.

Practically all of the material necessary for the work is to be supplied by the Fire Department.

The Electrical Engineer of the Fire Department states that there are on an average 30 fire alarm boxes to a circuit in Richmond, and that for satisfactory results there should be 10 boxes to a circuit.

The specifications have been modified to give the gauge of copper clad wire to be installed.

It is proposed to charge the cost to the corporate stock fund entitled, "C-FD-5A—Fire Alarm Telegraph System, Borough of Richmond, Equipment." There is a sufficient balance in the fund for the proposed expenditure.

I recommend that the specifications, as amended, the plans, form of contract and estimate of cost be approved by the adoption of the attached resolution.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 17, 1911, as amended on August 31, 1911, hereby approves the specifications, as amended, the form of contract, plans and estimate of cost in the sum of nine hundred and twenty-four dollars (\$924) for installing overhead fire alarm telegraph circuits in the Borough of Richmond, and the estimate of cost in the sum of three hundred and seventy-six dollars (\$376), to be billed by the Western Union Telegraph Company at cost for providing cross-arms and pins on their pole line on the right of way of the Staten Island Rapid Transit Company for the fire alarm telegraph circuits of the Fire Department.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Docks and Ferries, relative to, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, approving of the form of contract and specifications and estimates of cost (for Class 1, \$6,273.75, and for Class 2, \$984.38), for paving the decks of piers, one at Whale Creek, Brooklyn, and one at Jamaica avenue, Queens, providing that the form of contract and specifications be amended in accordance with the accompanying resolution.

Pier "A," North River, New York, September 19, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller:

Sir—I transmit herewith copy of Contract 1287 for preparing for and paving with asphalt the decks of the piers at Whale Creek, Brooklyn, at Jamaica avenue, Astoria, Borough of Queens, and at Pier 42, East River, Manhattan. The specifications for the work will be found attached to the form of contract.

This contract is divided into three classes:

Class 1 of the contract refers to the work on the pier at Whale Creek, Brooklyn. It covers 4,780 square yards, estimated at \$1.25 per square yard—\$5,975. With the 5 per cent. additional work which might be ordered under Article F of the contract, the total estimate is \$6,273.75 for the class.

Class 2 of Contract 1287 refers to the laying of an asphalt deck on the pier at the foot of Jamaica avenue, Borough of Queens. The area is 750 square yards, which at \$1.25 per square yard, makes the estimate \$937.50, to which should be added 5 per cent. additional work allowed under Article F of the contract; a total estimate of \$984.38.

Class 3 of Contract 1287 calls for the laying of an asphalt deck on Pier 42, East River, Manhattan. The area is 1,370 square yards, which is estimated at \$1.25 per square yard—\$1,712.50; adding the 5 per cent. additional which might be ordered under Article F of the contract, makes the total estimate for Class 3, \$1,798.13.

I request that the specifications and estimates of the three classes of Contract 1287 be approved by you.

At a meeting of the Commissioners of the Sinking Fund, held April 26th, 1911, a resolution was adopted recommending to the Board of Estimate and Apportionment the issuance of corporate stock to the amount of \$74,700 for various purposes, the resolution detailing the purposes and including asphalt paving of the deck of the pier at Whale Creek, Brooklyn, at \$6,500; and asphalt paving of the deck of the pier at Jamaica avenue, Borough of Queens, \$1,200. At a meeting of the Board of Estimate and Apportionment, held June 8th, 1911, a resolution was adopted, authorizing the Comptroller to issue corporate stock to an amount not exceeding \$7,700, to meet the cost of paving and repaving marginal streets and the surface of piers under the jurisdiction of the Department of Docks and Ferries. Pursuant to the Board of Estimate resolution, you established an account C-DD-28, "For Paving and Repaving of Marginal Streets and the Surface of Piers" \$7,700.

C-DD-9 calls for "Construction of Piers at Whale Creek, Brooklyn," in which account \$53,000 was provided. There is a balance in that account at the present time,

amounting to about \$8,600, ample to meet Class 1 of Contract 1287 for laying of asphalt pavement on the deck of the piers at Whale Creek, Brooklyn.

As above stated, it will be noted the resolution of the Commissioners of the Sinking Fund referred to the two locations, the pier at Jamaica avenue, Astoria, and the pier at Whale Creek, Brooklyn, as making up the amount of \$7,700. The resolution of the Board of Estimate and Apportionment and the account established by you do not detail the locations and provide the funds for "Paving and Repaving of Marginal Streets and the Surface of Piers." If Class 1 of the contract is charged against the balance in C-DD-9 then C-DD-28 will be ample to meet the expenses of Classes 2 and 3 of Contract 1287, and will eliminate the necessity of applying specifically for a new issue of corporate stock for the laying of an asphalt deck on Pier 42, East River.

In connection with consideration of the specifications and estimate on the three classes, I request that you advise me as to whether, in your opinion, it will be proper to charge Class 1 to C-DD-9 and to charge Classes 2 and 3 to C-DD-28.

Yours respectfully,

CALVIN TOMKINS, Commissioner of Docks.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 19, 1911, the Commissioner of Docks and Ferries requested approval of the form of contract, specifications and estimates of cost for paving the decks of one pier at Whale Creek, Brooklyn, one at Jamaica avenue, Queens, and Pier 42, East River, Manhattan.

The contract is divided into three classes, each class to be bid for separately and each to be awarded to the lowest bidder.

The estimates of cost are as follows:

Class 1—Paving with asphalt the deck of pier at Whale Creek, Brooklyn \$6,273 75
Class 2—Paving with asphalt the deck of pier at Jamaica avenue, Queens 984 38
Class 3—Paving with asphalt the deck of Pier 42, East River, Manhattan 1,798 13

An appropriation of \$53,000 was made for the construction of the pier at Whale Creek. There is a balance of about \$8,600 in the account. On June 8, 1911, \$7,700 was appropriated to meet the cost of paving and repaving marginal streets and the surface of piers under the jurisdiction of the Department of Docks and Ferries. This appropriation was approved pursuant to a resolution of the Sinking Fund Commission adopted on April 26, 1911. Under the resolution of the Sinking Fund Commission, \$6,500 was recommended for paving the deck of the pier at Whale Creek, and \$1,200 for paving the deck of the pier at Jamaica avenue.

It appears, therefore, that there are two appropriations available for the paving of the deck of the pier at Whale Creek, one for the paving of the deck of the pier at Jamaica avenue, and none for the paving of the deck of Pier 42.

It is proposed by the Commissioner to charge the cost of paving the Whale Creek pier to the unexpended balance in the appropriation for the construction of the pier, and the cost of paving Pier 42 to the \$7,700 appropriated in the 1911 corporate stock budget for paving and repaving marginal streets and the surface of piers.

In my opinion this would not be a proper procedure so far as it concerns Pier 42.

While funds are available for the paving of the piers at Whale Creek and Jamaica avenue, no recommendation has been made to the Board of Estimate and Apportionment by the Sinking Fund Commission for the paving of Pier 42, nor has any authorization of corporate stock been made for that purpose.

As the several classes are to be let in separate contracts, approval may properly be given to Classes 1 and 2, the form of contract and specifications to be amended to eliminate Class 3. The form of contract for Classes 1 and 2 also should be amended to provide that 5 per cent. of the amount earned under each contract will be retained for a period of five years from the date of completion, as a security for the maintenance guarantee.

The form of contract and specifications for Classes 1 and 2, as amended, are satisfactory. The estimates of cost are reasonable.

I recommend the adoption of the attached resolution approving Classes 1 and 2, with amendments to the form of contract and specifications as noted above.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 17, 1911, as amended on August 31, 1911, hereby approves of the form of contract (No. 1287), specifications and estimates of cost for work, under the jurisdiction of the Department of Docks and Ferries, as follows:

Class 1. For preparing for and paving with asphalt the deck of pier at Whale Creek, Borough of Brooklyn, at an estimated cost of six thousand two hundred and seventy-three dollars and seventy-five cents (\$6,273.75).

Class 2. For preparing for and paving with asphalt the deck of pier at Jamaica avenue, Borough of Queens, at an estimated cost of nine hundred and eighty-four dollars and thirty-eight cents (\$984.38).

—provided that the form of contract and the specifications be amended by eliminating therefrom all reference to a proposed work, described as Class 3; and that section (C C), page 13 of the form of contract, requiring that new bonds be furnished by the contractor, be omitted and that there be substituted in lieu thereof a paragraph to provide that five per cent. of the amount earned under Classes 1 and 2 be retained for a period of five (5) years from the date of the completion of the contracts, as security for the maintenance guarantee.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary was directed to transmit a copy of the report of the Comptroller to the Commissioner of Docks.

The Secretary presented the following communication from the Department of Parks, Manhattan and Richmond, requesting, and report of the Comptroller, recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, approving of the form of contract, specifications, plans and estimate of cost (\$35,000), for furnishing and laying water mains and appurtenances in various places in Central Park, under the jurisdiction of said Department:

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, October 7, 1911.

To the Board of Estimate and Apportionment, The City of New York:

Gentlemen—Herewith I beg to forward, for the approval of your honorable Board, as required by your resolution of August 31 last, plans, specifications and form of contract for furnishing and laying water mains and appurtenances in various places, as required, in Central Park, Manhattan.

This improvement is estimated to cost approximately \$35,000, which will be chargeable against the fund applicable to the purpose provided by the issue of corporate stock. Respectfully,

CHAS. B. STOVER, Commissioner of Parks, Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 7, 1911, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested approval of the form of contract, plans, specifications and estimate of cost in the sum of \$35,000 for furnishing and laying water mains and appurtenances in various places, as required, in Central Park.

It is proposed to lay water pipes, etc., as follows:

(a) Between 5th avenue and the East Drive, from Seventy-second to Eighty-first street.

(b) Along the East Drive, parallel with 110th street, from 6th to 8th avenue, and down West Drive to about 102d street.

(c) In 100th street, from the West Drive westerly to the pool.

(d) From the West Drive at 77th st., westerly to an arm of the lake.

(e) From Lenox avenue and 110th street, easterly and southerly to 106th street and 5th avenue.

When Central Park was laid out no adequate system of water supply was installed. During the last few years trunk lines and laterals have been laid in various parts, where most needed for irrigating and other purposes.

There still remain large areas without water and it is partially to remedy this condition that the water pipes are to be laid.

The cost of the improvement is to be paid from an appropriation of \$40,000 authorized in the 1911 Corporate Stock Budget for the purpose.

The form of contract, plans and specifications appear to be satisfactory. The estimate of cost is reasonable.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 17, 1911, as amended on August 31, 1911, hereby approves of the form of contract, specifications, plans and estimate of cost in the sum of thirty-five thousand dollars (\$35,000), for work under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond, as follows: For furnishing and laying water mains and appurtenances in various places, as required, in Central Park, in the Borough of Manhattan.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following report of the Comptroller recommending the acquisition, at private sale, at a price not exceeding \$2,400, property on the southeast corner of Metropolitan avenue and High street, Borough of Queens, as a site for the use of the Fire Department:

City of New York, Department of Finance, Comptroller's Office, November 13, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—At a meeting of your Board held July 17, 1911, corporate stock to the amount of \$3,500 was authorized to provide means for the acquisition of a site in the vicinity of Fresh Pond road and Metropolitan avenue, Borough of Queens, for use of the Fire Department, which resolution was concurred in by the Board of Aldermen on July 25, 1911.

In pursuance of this action I directed the Appraiser of Real Estate of this Department to confer with the Fire Commissioner, to the end that a desirable site might be obtained, and it was finally determined that the plot of ground on the southeast corner of Metropolitan avenue and High street, Borough of Queens, being 53 feet in width on Metropolitan avenue with a rear width of about 41 feet, and an approximate depth of about 100 feet, would be the most desirable for the purpose.

After negotiation by the Comptroller the premises may be purchased for the sum of \$2,400. The Fire Commissioner has approved of the selection of this site.

The price being reasonable and just, I respectfully recommend that your Board approve of the selection of the following-described premises for use of the Fire Department:

All that certain lot, piece or parcel of ground, situate, lying and being in the Borough of Queens, City of New York, bounded and described as follows:

Beginning at a point formed by the intersection of the southerly side of Metropolitan avenue with the easterly side of High street; running thence easterly along the southerly side of Metropolitan avenue 53.85 feet; thence southerly and at right angles, or nearly so, with Metropolitan avenue 99.68 feet; thence westerly and parallel, or nearly so, with Metropolitan avenue 41.75 feet to the easterly side of High street; thence northerly along the easterly side of High street 105.81 feet to the point or place of beginning, being the same premises surveyed by Homer L. Bartlett on August 11, 1910, being a map of nineteen lots located on Metropolitan avenue and on High street, in the Second Ward, Borough of Queens, City of New York; together with all the right, title and interest, if any, of the owner of, in and to the street and avenue in front thereof to the centre thereof.

And the Comptroller be authorized to enter into contract for the purchase of the same at private sale, at a price not exceeding \$2,400, said contract to be submitted to the Corporation Counsel for his approval as to form. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the selection by the Commissioner of the Fire Department of property located on Metropolitan avenue and High street, Borough of Queens, for the use of said Department, as follows:

All that certain lot, piece or parcel of ground situate, lying and being in the Borough of Queens, City of New York, bounded and described as follows:

Beginning at a point formed by the intersection of the southerly side of Metropolitan avenue with the easterly side of High street; running thence easterly along the southerly side of Metropolitan avenue 53.85 feet; thence southerly and at right angles, or nearly so, with Metropolitan avenue 99.68 feet; thence westerly and parallel, or nearly so, with Metropolitan avenue 41.75 feet to the easterly side of High street; thence northerly along the easterly side of High street 105.81 feet to the point or place of beginning, being the same premises surveyed by Homer L. Bartlett on August 11, 1910, being a map of nineteen lots located on Metropolitan avenue and on High street, in the Second Ward, Borough of Queens, City of New York; together with all the right, title and interest, if any, of the owner of, in and to the street and avenue in front thereof to the centre thereof.

—and authorizes the Comptroller to enter into a contract for the purchase of the said property at private sale, at a price not exceeding twenty-four hundred dollars (\$2,400), said contract to be submitted to the Corporation Counsel for approval as to form.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented a report of the Comptroller, returning for filing, communication from the Commissioner of Water Supply, Gas and Electricity, requesting the establishment of the position of Expert Accountant at \$3,500 per annum, as action was taken on this matter in the 1912 Budget.

Which was ordered filed and the Secretary directed to return to the Commissioner of Water Supply, Gas and Electricity the communication referred to therein. (On October 11, 1911, the above communication was referred to the Comptroller.)

The Secretary presented a report of the Comptroller, returning for filing, communication from the President of the Borough of Richmond, relative to repaving Ann street, from Richmond avenue to Avenue B.

Which was ordered filed and the Secretary directed to return to the President of the Borough of Richmond the communication referred to therein.

(On October 26, 1911, the communication from the President of the Borough of Richmond, requesting authority to charge the cost (estimated at \$4,000) of repaving Ann street, to the Repaving Fund for 1911, was referred to the Comptroller.)

(On November 2, 1911, a communication from the President of the Borough of Richmond, withdrawing the request as above, was also referred to the Comptroller.)

The Secretary presented a report of the Committee, consisting of the Comptroller and the Chief Engineer of the Board, to whom was referred on October 21, 1910, a communication from the Commissioner of Water Supply, Gas and Electricity relative to the acquisition of private water companies, in which he recommended that a special appropriation be made to conduct an investigation to determine the value of the private companies, etc., and a communication from the Commissioner of Water Supply, Gas and Electricity, referring to the above report.

Which was laid over.

(On July 6, July 13 and again July 20, 1911, the above matter was laid over for one week, and on July 27, 1911, was laid over until the fall.)

(On September 21, 1911, the matter was laid over for four weeks, and on October 19, 1911, was again laid over for four weeks.)

The Secretary presented the following report of the Corporate Stock Budget Committee transmitting resolution rescinding resolution adopted by the Board on July 17, 1911, which rescinded resolution, adopted June 3, 1910, relative to an issue of \$100,000 corporate stock for the construction and equipment of playground in Central Park, and transmitting a further resolution amending resolution of June 3, 1910, by reducing the amount from \$100,000 to \$1,000:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 3, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—We transmit herewith a resolution providing for the amendment of a resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911.

The resolution of July 17 was a rescindment of a resolution adopted by your Board on June 3, 1910, and concurred in by the Board of Aldermen on June 14, 1910, authorizing an issue of corporate stock to an amount of \$100,000 for the construction and equipping of playgrounds in Central Park.

An expenditure of \$1,000 was not taken into consideration at the time of rescindment, for the reason that no entry then had been made of any liability, chargeable against the appropriation.

The rescindment, therefore, should have been for \$99,000, instead of \$100,000, and the present amendment is for the necessary change.

Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911, as follows:

“Resolved, That the resolution adopted by the Board of Estimate and Apportionment on June 3, 1910, and finally concurred in by the Board of Aldermen on June 14, 1910:

“Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding one hundred thousand dollars (\$100,000), to provide means for the construction and equipping of playground in Central Park, under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond, and when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and he is hereby authorized to issue corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding one hundred thousand dollars (\$100,000), the proceeds whereof to be applied to the purposes aforesaid.”

—be and the same is hereby rescinded.”

—be and the same is hereby rescinded; and be it further

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on June 3, 1910, and finally concurred in by the Board of Aldermen on June 14, 1910, as follows:

“Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding one hundred thousand dollars (\$100,000), to provide means for the construction and equipping of playground in Central Park, under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond, and when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and he is hereby authorized to issue corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding one hundred thousand dollars (\$100,000), the proceeds whereof to be applied to the purposes aforesaid.”

—be amended to make the amount read one thousand dollars (\$1,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following report of the Corporate Stock Budget Committee, transmitting resolution providing for the amendment of a resolution adopted July 17, 1911, relative to the authorization of \$75,000 corporate stock, to provide means for the purchase of furniture and fittings, etc., for the American Museum of Art, under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond, by inserting the word “Metropolitan” instead of “American” in said resolution:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 3, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—We transmit herewith a resolution providing for amendment of a corporate stock resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 31, 1911. Through a typographical error the word “American” was inserted in place of the word “Metropolitan” in designating the Museum of Art, and the amendment is for the necessary change. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, subject to the concurrence of the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and approved by the Board of Aldermen on July 31, 1911, as follows:

“Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding seventy-five thousand dollars (\$75,000), to provide means for the purchase of furniture and fittings for equipment and construction of permanent improvements for the American Museum of Arts, under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid.”

—be and the same is hereby amended by striking therefrom the word “American” and inserting in place thereof the word “Metropolitan.”

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented a report of the Committee on Salaries and Grades, referring to a communication from three Committees representing Bridge Keepers and Bridge Tenders employed on bridges in New York City, requesting increases in salary, and recommending that the communication be referred to the Committee on Standardization of Salaries and Grades, to be reported on before May 1, 1912.

Which was referred to the Committee on Standardization of Salaries and Grades, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Borough of Brooklyn.

(On October 19, 1911, the above communication was referred to said Committee.)

The Secretary presented a report of the Secretary of the Board of Education, relative to a communication from the Assistant Janitor of Public School 122, Brooklyn, complaining of the inadequate wages received for his services, etc., stating that the Chairman of the Committee on Care of Buildings has investigated this complaint and finds it to be without merit.

Which was ordered filed and the Secretary directed to transmit a copy thereof to Fred. Heinrichs, 399 Marcy avenue, Brooklyn.

(On November 2, 1911, the above communication was referred to the Department of Education.)

The Secretary presented the following communications (5) from the Comptroller, relative to the issues of corporate stock to replenish the fund for Street and Park Openings, as follows:

A—\$667.51, in the matter of opening and extending Conway street, from Broadway to Fulton street, Brooklyn.

The City of New York, Department of Finance, Comptroller's Office, November 11, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the report of the Commissioners of Estimate and Assessment, in the matter of opening and extending Conway street, from Broadway to Fulton street, in the Twenty-fifth and Twenty-sixth Wards, Borough of Brooklyn, was confirmed by an order of the Supreme Court, dated June 30, 1911, and entered in the office of the Clerk of the County of Queens, July 1, 1911.

The title to the lands, etc., taken in this proceeding became vested in The City of New York on the confirmation of the report of the Commissioners of Estimate and Assessment, to wit, July 1, 1911.

The total amount of the awards is..... \$11,601 00
The total amount of taxed costs is..... 1,749 23

Total \$13,350 23

Pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted April 17, 1907, five per cent. (5%) of the cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of six hundred and sixty-seven dollars and fifty-one cents (\$667.51) should be issued.

A resolution for that purpose is herewith submitted. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of six hundred and sixty-seven dollars and fifty-one cents (\$667.51), the proceeds whereof to be applied to replenish the Fund for Street and Park Openings, for this amount to be paid therefrom, in the matter of opening and extending Conway street, from Broadway to Fulton street, in the Twenty-fifth and Twenty-sixth Wards, Borough of Brooklyn, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted April 17, 1907.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

B—\$261.44, in the matter of opening and extending State street, from Murray lane to 17th street, Third Ward, Borough of Queens.

The City of New York, Department of Finance, Comptroller's Office, November 11, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the report of the Commissioners of Estimate and Assessment, in the matter of opening and extending State street, from Murray lane to 17th street, in the Third Ward, Borough of Queens, was confirmed by an order of the Supreme Court, dated October 19, 1911, and entered in the office of the Clerk of the County of Queens, October 24, 1911.

The title to the lands, etc., taken in this proceeding became vested in The City of New York on the confirmation of the report of the Commissioners of Estimate and Assessment, to wit, October 24, 1911.

The total amount of the awards is..... \$3,140 44
The total amount of taxed costs is..... 2,088 37

Total \$5,228 81

Pursuant to the provisions of a resolution of the Board of Estimate and Assessment adopted June 9, 1905, five per cent. (5%) of the cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of two hundred and sixty-one dollars and forty-four cents (\$261.44) should be issued.

A resolution for that purpose is herewith submitted. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of two hundred and sixty-one dollars and forty-four cents (\$261.44), the proceeds whereof to be applied to replenish the Fund for Street and Park Openings, for this amount to be paid therefrom, in the matter of opening and extending State street, from Murray lane to 17th street, in the Third Ward, Borough of Queens, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted June 9, 1905.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

C—\$361,766.14, in the matter of acquiring title to the lands, etc., required for the opening of the Public Park, located on the easterly side of Boulevard Lafayette, 1,300 feet north of West 181st street, Borough of Manhattan.

The City of New York, Department of Finance, Comptroller's Office, November 11, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the report of the Commissioners of Estimate and Assessment, in the matter of acquiring title to the lands, tenements and hereditaments required for the opening of the Public Park, located on the easterly side of Boulevard Lafayette, distant about 1,300 feet north of West 181st street, and the Public Park located easterly of the northerly end of the parcel above described, in the Twelfth Ward, Borough of Manhattan, City of New York, was confirmed by an order of the Supreme Court, dated October 18, 1911, and entered in the office of the Clerk of the County of New York, October 19, 1911.

The title to the lands, etc., taken in this proceeding, which had not been previously acquired, became vested in The City of New York on the confirmation of the report of the Commissioners of Estimate and Assessment, to wit, October 19, 1911.

The total amount of the awards so confirmed is..... \$350,502 39
The total amount of taxed costs is..... 11,263 75

Total \$361,766 14

Pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted December 18, 1905, the entire cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of three hundred and sixty-one thousand seven hundred and sixty-six dollars and fourteen cents (\$361,766.14) should be issued.

A resolution for that purpose is herewith submitted. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of three hundred and sixty-one thousand seven hundred and sixty-six dollars and fourteen cents (\$361,766.14), the proceeds whereof to be applied to replenish the Fund for Street and Park Openings, for this amount to be paid therefrom, in the matter of acquiring title to the lands, tenements and hereditaments required for the opening of the public park located on the easterly side of Boulevard Lafayette, distant about 1,300 feet north of West 181st street, and the public park located easterly of the northerly end of the parcel above described, in the Twelfth Ward, Borough of Manhattan, City of New York, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted December 18, 1905.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

D—\$74,000.33, in the matter of acquiring title to a new street, located between Broome and Spring streets, extending from the Bowery to Elm street, Borough of Manhattan.

The City of New York, Department of Finance, Comptroller's Office, November 11, 1911.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the supplemental and amended report of the Commissioners of Estimate and Assessment in the matter of acquiring title to a new street located between Broome and Spring streets and extending from the Bowery to Elm street, as laid out by a resolution of the Board of Estimate and Apportionment, adopted May 29, 1903, in the Fourteenth Ward, Borough of Manhattan, City of New York, was confirmed in part by orders of the Supreme Court, dated March 9, 1911, and October 14, 1911, and entered in the office of the Clerk of the County of New York, March 13, 1911, and October 18, 1911, respectively.

The title to the lands, etc., taken in this proceeding became vested in The City of New York on May 1, 1907, pursuant to a resolution of the Board of Estimate and Apportionment adopted April 19, 1907.

The total amount of the awards so confirmed is..... \$69,177 25
The total amount of taxed costs is..... 4,823 08

Total \$74,000 33

Pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted February 17, 1905, the entire cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of seventy-four thousand dollars and thirty-three cents (\$74,000.33) should be issued.

A resolution for that purpose is herewith submitted. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of seventy-four thousand dollars and thirty-three cents (\$74,000.33), the proceeds whereof to be applied to replenish the Fund for Street and Park Openings, for this amount to be paid therefrom, in the matter of acquiring title to a new street located between Broome and Spring streets, and extending from the Bowery to Elm street, as laid out by a resolution of the Board of Estimate and Apportionment, adopted May 29, 1903, in the Fourteenth Ward, Borough of Manhattan, City of New York, which expense is incurred pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted February 17, 1905.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

E—\$539.90, in the matter of opening and extending Avenue R, from Coney Island avenue to East 17th street, omitting lands occupied by the Brooklyn and Brighton Beach Railroad, Thirty-first Ward, Brooklyn.

The City of New York, Department of Finance, Comptroller's Office, November 11, 1911.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the report of the Commissioners of Estimate and Assessment in the matter of opening and extending Avenue R, from Coney Island avenue to East 17th street, omitting lands occupied by the Brooklyn and Brighton Beach Railroad, in the Thirty-first Ward, Borough of Brooklyn, was confirmed by an order of the Supreme Court, dated June 8, 1911, and entered in the office of the Clerk of the County of Kings June 8, 1911.

The title to the lands, etc., taken in this proceeding and known as Parcels Damage Nos. 24, 25 and 42 to 60, inclusive, became vested in The City of New York on the confirmation of the report of the Commissioners of Estimate and Assessment, to wit, June 8, 1911.

The title to the lands, etc., taken in this proceeding, known as Parcels Damage Nos. 35 to 41, became vested in The City of New York on August 15, 1910, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted July 29, 1910.

The total amount of the awards is..... \$5,196 00
The total amount of taxed costs is..... 1,552 70

Total \$6,748 70

Pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted June 14, 1907, eight (8) per cent. of the entire cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of five hundred and thirty-nine dollars and ninety cents (\$539.90) should be issued.

A resolution for that purpose is herewith submitted. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of five hundred and thirty-nine dollars and ninety cents (\$539.90), the proceeds whereof to be applied to replenish the Fund for Street and Park Openings, for this amount to be paid therefrom, in the matter of opening and extending Avenue R, from Coney Island avenue to East 17th street, omitting lands occupied by the Brooklyn and Brighton Beach Railroad, in the Thirty-first Ward, Borough of Brooklyn, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted June 14, 1907.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented a communication from the Supervisor of the City Record, requesting that the Budgetary appropriation for the year 1912, entitled Board of City Record, County of Kings, Special Contract Obligations, Printing, Stationery and Blank Books for County Offices and Courts, be amended by eliminating the item Supreme Court, Second Department, \$6,000.

Which was referred to the Budget Committee, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Board of Aldermen.

The Secretary presented the following communication from the Comptroller requesting the modification of Schedules of Salaries, supporting the appropriation made in the Budget for the year 1911, for the Department of Finance, providing for the transfer of Clerks from one division to another, reducing the number of Clerks, etc., involving the transfer of \$700:

Comptroller's Office, Department of Finance, City of New York, November 14, 1911.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Budget schedule lines supporting the salaries appropriations as made to the Department of Finance for the year 1911 be modified in order to provide for the following changes:

First—For reducing the number of Clerks at \$1,500 in the Executive Division by one.

Second—For increasing the number of Clerks at \$1,350 in the Executive Division by one, to provide for the reinstatement of a Clerk at that salary.

Third—For the transfer of two Clerks from the Paymaster's office, Executive Division, to the Bureau for the Collection of Assessments and Arrears, carrying a promotion in each case from \$540 to \$600 per annum.

Fourth—For reducing the number of Clerks at \$480 in the Executive Division by one.

Fifth—For the transfer of a Stenographer and Typewriter at \$1,200 from the Auditing Bureau to the Executive Division (Law and Adjustment).

Sixth—For changing "Balance Unassigned" in Executive Division from \$1,150 to \$760.

Seventh—For the transfer of a Clerk at \$1,500 from the Auditing Bureau to the Bureau for the Collection of Assessments and Arrears.

Eighth—For reducing the number of Clerks at \$750 in the Auditing Bureau by one.

Ninth—For the transfer of a Stenographer and Typewriter at \$1,200 from the Auditing Bureau to the Bureau for the Collection of City Revenue and Markets.

Tenth—For the transfer of a Stenographer and Typewriter at \$1,050 from the Bureau for the Collection of City Revenue and Markets to the Auditing Bureau.

Eleventh—For striking out "Balance Unassigned, \$600," in Auditing Schedule.

Twelfth—For inserting item "Balance Unassigned, \$3,330," in Revenue.

Thirteenth—For reducing the number of Clerks at \$1,800 in the Bureau of Municipal Investigation and Statistics by one, and inserting item "Clerk, \$1,650."

Fourteenth—For reducing the number of Clerks at \$300 in the Bureau of Municipal Investigation and Statistics by one.

Fifteenth—For inserting item "Balance Unassigned, \$450," in schedule lines of Bureau of Municipal Investigation and Statistics.

Resolutions (2), providing for the changes as enumerated, are submitted herewith for adoption.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the following modifications of the Schedules of Salaries supporting the appropriations made to the Department of Finance in the Budget for the year 1911, entitled and as follows:

Executive Division—

25. Salaries:	
Deputy Comptroller, 2 at \$7,500.....	\$15,000 00
Assistant Deputy Comptroller.....	6,000 00
Secretary to the Department.....	6,000 00
Clerk to the Comptroller.....	2,100 00
Stenographer to the Comptroller.....	1,500 00
Chief Stock and Bond Clerk.....	5,000 00
Chief Examiner of Accounts of Institutions.....	5,000 00
Appraiser of Real Estate.....	4,000 00
Clerk.....	3,000 00
Clerk (Chief).....	2,800 00
Clerk.....	2,800 00
Clerk.....	2,650 00
Clerk.....	2,400 00
Clerk.....	2,250 00
Clerk, 2 at \$2,100.....	4,200 00
Clerk.....	1,950 00
Clerk, 5 at \$1,800.....	9,000 00
Clerk, 3 at \$1,650.....	4,950 00
Clerk.....	1,500 00
Clerk, 5 at \$1,350.....	6,750 00
Clerk, 3 at \$1,200.....	3,600 00
Clerk, 8 at \$1,050.....	8,400 00
Clerk, 3 at \$900.....	2,700 00
Clerk, 5 at \$750.....	3,750 00
Clerk, 5 at \$540.....	2,700 00
Clerk, 6 at \$480.....	2,880 00
Clerk, 13 at \$300.....	3,900 00
Searcher.....	1,350 00
City Paymaster.....	6,000 00
Deputy City Paymaster, 8 at \$2,500.....	20,000 00
Auditor of Accounts.....	6,000 00
Auditor of Accounts, 2 at \$4,000.....	8,000 00
Auditor of Accounts, 2 at \$3,000.....	6,000 00
Deputy Auditor of Accounts.....	2,500 00
Examiner.....	5,000 00
Examiner, 2 at \$2,550.....	5,100 00
Examiner, 5 at \$2,100.....	10,500 00
Examiner, 4 at \$1,800.....	7,200 00
Examiner, 4 at \$1,650.....	6,600 00
Examiner, 4 at \$1,500.....	6,000 00
Examiner.....	1,200 00
Examining Inspector, 2 at \$1,650.....	3,300 00
Examining Inspector, 3 at \$1,500.....	4,500 00
Stenographer and Typewriter.....	1,650 00
Stenographer and Typewriter, 2 at \$1,500.....	3,000 00
Stenographer and Typewriter, 8 at \$1,350.....	10,800 00
Stenographer and Typewriter, 4 at \$1,200.....	4,800 00
Stenographer and Typewriter, 2 at \$1,050.....	2,100 00
Stenographer and Typewriter.....	900 00
Stenographer and Typewriter.....	750 00
Typewriting Copyist.....	900 00
Stenographer and Typewriter (Book).....	1,050 00
Bank Messenger, 2 at \$1,200.....	2,400 00
Messenger, 2 at \$1,500.....	3,000 00
Messenger, 3 at \$1,350.....	4,050 00
Messenger, 2 at \$1,200.....	2,400 00
Telephone Operator, 3 at \$1,050.....	3,150 00
Janitor.....	900 00
Watchman, 4 at \$900.....	3,600 00
Cleaner.....	540 00
Bookkeeper.....	4,000 00
Bookkeeper.....	2,100 00
Bookkeeper.....	1,500 00
Bookkeeper, 4 at \$1,350.....	5,400 00
Bookkeeper, 5 at \$1,200.....	6,000 00
Cashier.....	1,800 00
Cashier.....	1,500 00
Financial Clerk, 2 at \$2,250.....	4,500 00
Financial Clerk, 3 at \$1,950.....	5,850 00
Financial Clerk.....	1,800 00
Financial Clerk, 5 at \$1,650.....	8,250 00
Financial Clerk.....	1,500 00
Financial Clerk, 8 at \$1,350.....	10,800 00
Financial Clerk, 4 at \$1,200.....	4,800 00
Financial Clerk.....	1,050 00
Stock and Bond Clerk, 4 at \$2,100.....	8,400 00
Stock and Bond Clerk.....	1,950 00
Bookbinder.....	1,350 00
Bookbinder, 4 at \$1,200.....	4,800 00
Law Clerk.....	2,300 00
Law Clerk.....	1,800 00
Law Clerk, 2 at \$1,200.....	2,400 00
Medical Examiner.....	2,500 00
Topographical Draftsman, 2 at \$1,500.....	3,000 00
Inspector of Sewer Construction.....	1,500 00
Balance unassigned.....	760 00
	\$353,630 00

Auditing Bureau—

31. Salaries:	
Auditor of Accounts.....	\$6,000 00
Auditor of Accounts, 2 at \$4,000.....	8,000 00
Auditor of Accounts, 3 at \$3,500.....	10,500 00
Auditor of Accounts, 11 at \$3,000.....	33,000 00
Auditor of Accounts.....	2,500 00
Deputy Auditor of Accounts, 2 at \$2,500.....	5,000 00
Expert Accountant.....	4,000 00

Expert Accountant, 2 at \$3,500.....	7,000 00
Expert Accountant, 3 at \$2,500.....	7,500 00
Expert Accountant, 8 at \$2,100.....	16,800 00
Chief Accountant and Bookkeeper.....	6,000 00
Accountant.....	4,000 00
Accountant, 4 at \$2,100.....	8,400 00
Accountant, 4 at \$1,800.....	7,200 00
Accountant.....	1,650 00
Statistician.....	1,650 00
Clerk.....	4,500 00
Clerk, 2 at \$2,400.....	4,800 00
Clerk, 5 at \$2,100.....	10,500 00
Clerk, 3 at \$1,950.....	5,850 00
Clerk, 4 at \$1,800.....	7,200 00
Clerk, 8 at \$1,650.....	13,200 00
Clerk, 11 at \$1,500.....	16,500 00
Clerk, 6 at \$1,350.....	8,100 00
Clerk, 4 at \$1,200.....	4,800 00
Clerk, 10 at \$1,050.....	10,500 00
Clerk, 2 at \$900.....	1,800 00
Clerk, 3 at \$750.....	2,250 00
Clerk.....	600 00
Clerk, 2 at \$540.....	1,080 00
Clerk, 2 at \$300.....	600 00
Disbursing Clerk, 2 at \$2,250.....	4,500 00
Disbursing Clerk.....	1,650 00
Clerk, with special knowledge as Cataloguer.....	750 00
Searcher.....	1,050 00
Bookkeeper.....	3,500 00
Bookkeeper.....	3,000 00
Bookkeeper, 2 at \$2,400.....	4,800 00
Bookkeeper.....	2,250 00
Bookkeeper.....	2,100 00
Bookkeeper, 2 at \$1,950.....	3,900 00
Bookkeeper.....	1,800 00
Bookkeeper, 2 at \$1,650.....	3,300 00
Bookkeeper.....	1,500 00
Bookkeeper, 6 at \$1,350.....	8,100 00
Bookkeeper, 19 at \$1,200.....	22,800 00
Bookkeeper.....	1,050 00
Security Deposit Clerk.....	1,800 00
Cashier.....	2,100 00
Financial Clerk.....	1,950 00
Financial Clerk.....	1,650 00
Financial Clerk, 2 at \$1,350.....	2,700 00
Financial Clerk, 3 at \$1,200.....	3,600 00
Financial Clerk.....	1,050 00
Stenographer and Typewriter.....	1,650 00
Stenographer and Typewriter.....	1,500 00
Stenographer and Typewriter, 4 at \$1,200.....	4,800 00
Stenographer and Typewriter.....	1,050 00
Stenographer and Typewriter, 2 at \$900.....	1,800 00
Stenographer and Typewriter.....	750 00
Typewriting Copyist.....	1,050 00
Typewriting Copyist.....	750 00
Typewriting Copyist.....	600 00
Typewriting Accountant, 2 at \$1,200.....	2,400 00
Bank Messenger, 3 at \$1,200.....	3,600 00
Messenger.....	1,200 00
Examiner.....	5,000 00
Examiner.....	4,000 00
Examiner.....	2,550 00
Examiner, 4 at \$2,100.....	8,400 00
Examiner, 3 at \$1,950.....	5,850 00
Examiner.....	1,800 00
Examiner, 5 at \$1,650.....	8,250 00
Examiner, 3 at \$1,500.....	4,500 00
Examiner.....	1,350 00
Examiner.....	1,200 00
Examiner, 2 at \$1,050.....	2,100 00
Examining Inspector, 12 at \$1,500.....	18,000 00
Examining Inspector.....	1,350 00
Inspector of Repairs and Supplies.....	2,550 00
Inspector of Repairs and Supplies, 3 at \$1,800.....	5,400 00
Inspector of Repairs and Supplies.....	1,650 00
Inspector of Repairs and Supplies, 4 at \$1,500.....	6,000 00
Inspector of Repairs and Supplies, 10 at \$1,200.....	12,000 00
Inspector of Regulating, Grading and Paving, 2 at \$1,500.....	3,000 00
Inspector of Regulating, Grading and Paving.....	1,350 00
Inspector of Regulating, Grading and Paving.....	1,200 00
Inspector of Sewer Construction.....	1,350 00
Inspector of Sewer Construction.....	1,200 00
Inspector of Sewers.....	1,800 00
Veterinarian.....	1,800 00
Assistant Engineer.....	3,000 00
Assistant Engineer.....	2,400 00
Assistant Engineer, 5 at \$2,100.....	10,500 00
Assistant Engineer.....	1,800 00
Transitman and Computer.....	1,500 00
Examiner of Accounts of Institutions.....	3,000 00
Examiner of Accounts of Institutions.....	2,100 00
Examiner of Accounts of Institutions, 4 at \$1,500.....	6,000 00

\$457,480 00

Revenue, Taxes, Assessments and Arrears, Miscellaneous—

32. Salaries:	
Receiver of Taxes.....	\$6,000 00
Deputy Receiver of Taxes, 2 at \$4,000.....	8,000 00
Deputy Receiver of Taxes, 2 at \$3,750.....	7,500 00
Deputy Receiver of Taxes, 3 at \$2,500.....	7,500 00
Deputy Receiver of Taxes, 3 at \$2,100.....	6,300 00
Collector of Assessments and Arrears.....	4,500 00
Deputy Collector of Assessments and Arrears.....	4,000 00
Deputy Collector of Assessments and Arrears.....	3,500 00
Deputy Collector of Assessments and Arrears, 2 at \$2,250.....	4,500 00
Deputy Collector of Assessments and Arrears.....	2,000 00
Collector of City Revenue and Superintendent of Markets.....	3,000 00
Cashier.....	2,500 00
Cashier, 3 at \$2,100.....	6,300 00
Cashier, 2 at \$1,800.....	3,600 00
Cashier, 5 at \$1,650.....	8,250 00
Cashier, 3 at \$1,500.....	4,500 00
Cashier.....	1,350 00
Accountant.....	1,800 00
Accountant, 2 at \$1,500.....	3,000 00
Bookkeeper.....	2,250 00
Bookkeeper, 2 at \$1,800.....	3,600 00
Bookkeeper.....	1,650 00
Bookkeeper, 2 at \$1,500.....	3,000 00
Bookkeeper.....	1,350 00
Bookkeeper, 10 at \$1,200.....	12,000 00
Clerk.....	2,400 00
Clerk.....	2,250 00
Clerk, 4 at \$1,950.....	7,800 00
Clerk, 6 at \$1,800.....	10,800 00
Clerk, 9 at \$1,650.....	14,850 00

Clerk, 21 at \$1,500.....	31,500 00
Clerk, 22 at \$1,350.....	29,700 00
Clerk, 22 at \$1,200.....	26,400 00
Clerk, 12 at \$1,050.....	12,600 00
Clerk, 7 at \$900.....	6,300 00
Clerk, 4 at \$750.....	3,000 00
Clerk, 9 at \$600.....	5,400 00
Clerk, 2 at \$480.....	960 00
Clerk, 2 at \$300.....	600 00
Financial Clerk.....	2,400 00
Financial Clerk.....	1,950 00
Financial Clerk.....	1,800 00
Financial Clerk, 2 at \$1,650.....	3,300 00
Financial Clerk.....	1,500 00
Financial Clerk.....	1,050 00
Collection Clerk.....	1,650 00
Collection Clerk, 2 at \$1,500.....	3,000 00
Collection Clerk, 3 at \$1,350.....	4,050 00
Clerk, with special knowledge of handwriting.....	1,050 00
Searcher, 5 at \$1,200.....	6,000 00
Searcher, 10 at \$1,050.....	10,500 00
Stenographer and Typewriter, 2 at \$1,200.....	2,400 00
Stenographer and Typewriter, 2 at \$900.....	1,800 00
Stenographer and Typewriter.....	750 00
Bank Messenger, 5 at \$1,200.....	6,000 00
Messenger.....	1,350 00
Messenger.....	1,200 00
Messenger, 2 at \$1,050.....	2,100 00
Balance unassigned.....	3,330 00
	\$323,690 00
Bureau of Municipal Investigation and Statistics—	
33. Salaries:	
Supervising Statistician and Examiner.....	\$6,000 00
Expert Accountant, 2 at \$4,000.....	8,000 00
Expert Accountant, 2 at \$3,500.....	7,000 00
Expert Accountant, 2 at \$2,500.....	5,000 00
Clerk, 2 at \$2,100.....	4,200 00
Clerk.....	1,650 00
Clerk, 2 at \$1,500.....	3,000 00
Clerk.....	1,350 00
Clerk.....	750 00
Clerk.....	600 00
Clerk.....	300 00
Examiner.....	3,500 00
Examiner, 2 at \$3,000.....	6,000 00
Examiner.....	2,850 00
Examiner.....	2,250 00
Examiner.....	2,100 00
Auditor of Accounts.....	3,500 00
Accountant.....	2,400 00
Principal Assistant Engineer.....	6,000 00
Assistant Engineer, 2 at \$3,600.....	7,200 00
Assistant Engineer.....	3,000 00
Assistant Engineer.....	2,400 00
Assistant Engineer.....	1,800 00
Stenographer and Typewriter.....	1,200 00
Stenographer and Typewriter, 3 at \$900.....	2,700 00
Balance unassigned.....	450 00
	\$85,200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Finance for the year 1911, as follows:

From	
Auditing Bureau—	
31. Salaries.....	\$700 00

To

32. Revenue, Taxes, Assessments and Arrears, Miscellaneous.....	\$700 00
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Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Correction requesting, and report of the Comptroller recommending, the modification of Wage Schedules Nos. 279 and 292, supporting the appropriation made in the Budget for the year 1911, for said Department, providing for the transfer of \$300 from Schedule 279 to Schedule 292:

City of New York, Department of Correction, New York, September 22, 1911.

JOSEPH HAAG, Esq., Secretary, Board of Estimate and Apportionment, 277 Broadway, New York City:

Dear Sir—I would respectfully request the honorable the Board of Estimate and Apportionment to authorize the revision of the Wages, Keepers Schedules in the following items, viz:

279. Penitentiary, Blackwells Island, Wages, Keepers from 64 employees, at total yearly cost of \$70,800, to 64 employees, total \$70,500.

292. City Prison (Brooklyn), Wages, Keepers from 19 employees, at total yearly cost of \$20,000, to 19 employees, total \$20,300.

Also transfer of \$300—

From	
279. Penitentiary, Blackwells Island, Wages, Keepers.	
To	
292. City Prison (Brooklyn), Wages, Keepers.	

Inasmuch as no additional appropriations will be required, I trust that your honorable Board will take favorable action thereon. Very respectfully,

PATRICK A. WHITNEY, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 22, 1911, the Commissioner of Correction requested modification of the 1911 wage schedules for Keepers in the Penitentiary and the City Prison, Brooklyn. In connection therewith, I report as follows:

The schedules are for lump sum appropriations for stated numbers of Keepers. The rates of compensation depend upon length of service, and it is, therefore, proposed to transfer \$300 from the account for the Penitentiary to the City Prison account, the number of incumbents to remain unchanged.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules as revised for the Department of Correction for the year 1911 as follows:

Department of Correction.	
Administration of Institutions—Penitentiary—	
279. Wages, Keepers (64).....	\$70,500 00
City Prison, Brooklyn—	
292. Wages, Keepers (19).....	20,300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Correction for the year 1911, as follows:

Department of Correction.

From

Administration of Institutions—Penitentiary—	
279. Wages, Keepers.....	\$300 00

To

Administration of Institutions—City Prison, Brooklyn—	
292. Wages, Keepers.....	\$300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Health requesting, and report of the Comptroller recommending, the modification of Salary Schedule 296 supporting the appropriation made in the Budget for the year 1911, for said Department, to take effect as of November 1, 1911, providing for the substitution of a Typewriting Copyist at \$600 per annum, for a Stenographer and Typewriter at the same rate:

Department of Health, City of New York, Southwest Corner of 55th Street and 6th Avenue, Borough of Manhattan, Office of the Secretary, New York, October 4, 1911.

Hon. JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, 277 Broadway:

Sir—At a meeting of the Board of Health of the Department of Health, held September 25, 1911, the following resolution was adopted:

Resolved, That the Board of Estimate and Apportionment be and it is hereby respectfully requested to approve of the following further changes and modifications in the schedules supporting the appropriations made to the Department of Health for Salaries, for the year 1911:

Supporting Schedule to No. 296, General Administration, Office of the Sanitary Superintendent, Salaries:

Strike out item "Stenographer and Typewriter, \$600."

Change item "Typewriting Copyist, \$600," to read "Typewriting Copyists, 2 at \$600, \$1,200."

A true copy.

EUGENE W. SCHEFFER, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 25, 1911, the Board of Health requested modification of a schedule of salaries in the Department of Health for the year 1911. In connection therewith, I report as follows:

The request is in No. 296, General Administration, Office of the Sanitary Superintendent. It is proposed to substitute a Typewriting Copyist, at \$600 per annum, for a Stenographer and Typewriter, at the same rate. The change is to conform to the work of the office.

The following table shows the line item changes:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
296.	Stenographer and Typewriter, at \$600.....	\$600 00		\$100 00	
	Typewriting Copyist, at \$600.....		\$600 00		\$100 00

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Health, for the year 1911, to take effect as of November 1, 1911, as follows:

Department of Health.

General Administration, Office of the Sanitary Superintendent—

296. Salaries:	
Sanitary Superintendent.....	\$7,000 00
Assistant Sanitary Superintendent, 5 at \$3,500.....	17,500 00
Medical Inspector.....	2,550 00
Sanitary Engineer.....	2,400 00
Sanitary Inspector.....	1,500 00
Clerk.....	1,800 00
Clerk, 2 at \$1,500.....	3,000 00
Clerk, 3 at \$1,200.....	3,600 00
Clerk, 3 at \$900.....	2,700 00
Clerk.....	750 00
Clerk.....	540 00
Clerk, 4 at \$480.....	1,920 00
Clerk, 3 at \$300.....	900 00
Stenographer and Typewriter.....	1,200 00
Stenographer and Typewriter.....	900 00
Stenographer and Typewriter.....	750 00
Typewriting Copyist.....	750 00
Typewriting Copyist, 2 at \$600.....	1,200 00
Automobile Engineman, 6 at \$1,200.....	7,200 00
	\$58,160 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the President of the Borough of Richmond requesting, and report of the Comptroller recommending, the modification of Schedule 1923, supporting the appropriation made in the Budget for the year 1911, for the office of said Borough President, providing for the transfer of \$200 from the item Laborers and \$200 from the item Drivers to the item Sweepers:

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, October 30, 1911.

Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I would ask that transfers be made in Fund No. 1923, Maintenance and Final Disposition, Wages, Regular Employees, as follows:

Title.	Appropriation.	Revision Requested.
Foremen, 7 at \$1,200, 4 at \$1,050.....	\$12,600 00	\$12,600 00
Assistant Foreman.....	900 00	900 00
Sweepers.....	67,512 00	68,012 00
Laborers.....	31,700 00	31,500 00
Drivers.....	36,000 00	35,700 00
Hostlers, 13 at \$780.....	10,140 00	10,140 00
Stationary Engineer, 1 at \$4.50 per day, 365 days.....	1,642 50	1,642 50
Stoker, 1 at \$3.50 per day, 365 days.....	1,277 50	1,277 50
Painter.....	1,000 00	1,000 00
Total.....	\$162,772 00	\$162,772 00

The object of the foregoing transfers is to provide \$500 additional in Sweepers' line, to make good an estimated deficiency in this line schedule. The transfer re-

quested is, I believe, in accordance with the resolutions of the Board of Estimate and Apportionment regarding transfers within appropriations, and calls for no additional funds. Yours very truly.

GEORGE CROMWELL, President of the Borough.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 30, 1911, the President of the Borough of Richmond requested modification of the schedule in the Bureau of Street Cleaning for Maintenance and Final Disposition, No. 1923, Wages, Regular Employees, in his office for the year 1911. In connection therewith, I report as follows:

It is proposed to transfer \$200 from Laborers and \$300 from Drivers, to Sweepers. The three line items are for lump sum appropriations. The President states that the transfer is necessary to meet an estimated deficiency in the allowance for the Sweepers now on the payroll.

The following table shows the line item changes in detail:

Account No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
1923.	Sweepers, \$67,512		\$500 00		\$500 00
	Laborers, \$31,700	\$200 00		\$200 00	
	Drivers, \$36,000	300 00		300 00	
		\$500 00	\$500 00	\$500 00	\$500 00

I recommend the approval of the request by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of Richmond for the year 1911, as follows:

President, Borough of Richmond.

Bureau of Street Cleaning, Maintenance and Final Disposition—

1923.	Wages, Regular Employees:	
	Foreman, 7 at \$1,200	\$8,400 00
	Foreman, 4 at \$1,050	4,200 00
	Assistant Foreman	900 00
	Sweeper	68,012 00
	Laborer	31,500 00
	Driver	35,700 00
	Hostler, 13 at \$780	10,140 00
	Stationary Engineer, 1 at \$4.50 per day (365 days)	1,642 50
	Stoker at \$3.50 per day (365 days)	1,277 50
	Painter	1,000 00
		\$162,772 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Water Supply, Gas and Electricity requesting, and report of the Comptroller recommending, the modification of Salary Schedule 692, supporting the appropriation made in the Budget for the year 1911, for said Department, to take effect as of November 15, 1911, providing for the transfer of a Clerk from the Tenement House Department to the Bureau of Lamps and Lighting, Borough of Richmond:

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, November 8, 1911.
Hon. WILLIAM A. PRENDERGAST, Comptroller, Department of Finance, 280 Broadway, New York City:

Dear Sir—In order to meet the requirements of this Department, I would respectfully request a further revision and modification of the Budget lines supporting the schedule of Salaries and Wages, provided for this Department for the year 1911, as follows:

Heat, Light and Power, Bureau of Lamps and Lighting, Borough of Richmond, Administration, 1911—

692. Salaries:

—the lines which read	
Clerk, knowledge of typewriting	\$540 00
Unassigned	60 00
—to read	
Clerk, knowledge of typewriting	600 00

The above modification is requested owing to the fact that the former incumbent, who was about to be promoted to \$600 per annum, resigned before such promotion took place, and it is necessary to provide for a \$600 Clerk to replace the said incumbent. Yours very truly,

HENRY S. THOMPSON, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 8, 1911, the Commissioner of Water Supply, Gas and Electricity requested modification of a salary schedule in his office for the year 1911. In connection therewith I report as follows:

The modification is for the transfer of Charles A. McEneaney, a Clerk, from the Tenement House Department, at his present rate of \$600 per annum, to the Bureau of Lamps and Lighting, Richmond. The transfer is to fill a vacancy. This position is provided for in the 1912 Budget, as approved by your Board, at the \$600 rate.

The line item changes in detail are as follows:

Account No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
692.	Clerk, knowledge of typewriting	\$540 00		\$67 50	
	Clerk		\$600 00		\$75 00
	Balance unassigned	60 00		7 50	
		\$600 00	\$600 00	\$75 00	\$75 00

I recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the Commissioner of the Department of Water Supply, Gas and Electricity, to be effective as of November 15, 1911, as follows:

Department of Water Supply, Gas and Electricity.

Heat, Light and Power, Borough of Richmond, Bureau of Lamps and Lighting, Administration—

692. Salaries:

Chief Inspector	\$2,250 00
Inspector, 6 at \$1,200	7,200 00
Inspector	1,500 00
Clerk	1,050 00
Clerk	600 00
Stenographer and Typewriter	1,050 00
	\$13,650 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Board of Education requesting, and report of the Comptroller recommending, the modification of Salary Schedule 1212, supporting the appropriation made in the Budget for the year 1911, for the Department of Education, to take effect as of October 2, 1911, providing for two new Clerks at \$300 each per annum, to fill vacancies:

Department of Education, City of New York, Park Avenue and 59th Street, New York, October 18, 1911.

Mr. JOSEPH HAAG, Secretary, Board of Estimate and Apportionment:

Dear Sir—In accordance with a resolution adopted by the Board of Education on November 23, 1910, the undersigned respectfully request modifications in Schedule 1212, Office of the Superintendent of School Supplies, Salaries, for the year 1911, to take effect on October 2, 1911, as follows:

Strike out:	
Clerks, 6 at \$540	\$3,240 00
Clerks, 14 at \$300	4,200 00
Unassigned balance	240 00
—and insert:	
Clerks, 5 at \$540	\$2,700 00
Clerks, 16 at \$300	4,800 00
Unassigned balance	180 00

The above request involves no increase in appropriation, and the modifications are necessary in order to provide for the payment of the salaries of two Clerks at \$300 each, appointed to fill vacancies.

A copy of the schedule, as modified, is enclosed.

Respectfully yours,

A. E. PALMER, Secretary, Board of Education; HENRY R. M. COOK, Auditor, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 19, 1911, the Board of Education requested modification of the 1911 schedule, 1212, Office of the Superintendent of School Supplies, Salaries, to take effect as of October 2, 1911.

The proposed modification provides for two new Clerks, at \$300 each per annum, to fill vacancies at the rate.

The line item changes in detail are as follows:

Account No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
1212.	Clerk, 6 at \$40	\$540 00		\$135 00	
	Clerk, 12 at \$300		\$600 00		\$150 00
	Balance unassigned	60 00		15 00	
		\$600 00	\$600 00	\$150 00	\$150 00

I recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Education for the year 1911, to take effect as of October 2, 1911, as follows:

Special School Fund.

Administration, Office of the Superintendent of School Supplies—

1212. Salaries:	
Superintendent	\$7,500 00
Deputy Superintendent	3,600 00
Deputy Superintendent	1,950 00
Clerk	2,500 00
Clerk	2,100 00
Clerk	2,000 00
Clerk	1,800 00
Clerk	1,650 00
Clerks, 3 at \$1,500	4,500 00
Clerks, 2 at \$1,350	2,700 00
Clerks, 4 at \$1,200	4,800 00
Clerks, 3 at \$1,150	3,450 00
Clerks, 5 at \$1,050	5,250 00
Clerks, 4 at \$900	3,600 00
Clerk	750 00
Clerks, 4 at \$600	2,400 00
Clerks, 5 at \$540	2,700 00
Clerks, 7 at \$420	2,940 00
Clerks, 16 at \$300	4,800 00
Bookkeeper	1,650 00
Fuel Inspector	1,800 00
Fuel Inspectors, 2 at \$1,500	3,000 00
Fuel Inspectors, 5 at \$1,350	6,750 00
Fuel Inspector	1,300 00
Fuel Inspectors, 3 at \$1,150	3,450 00
Stenographer and Typewriter	1,650 00
Stenographer and Typewriter	1,500 00
Stenographers and Typewriters, 4 at \$1,050	4,200 00
Stenographer and Typewriter	900 00
Stenographer and Typewriter	750 00
Typewriting Copyist	1,050 00
Chemist	1,200 00
Printer for the Blind	900 00
Unassigned balance	180 00
	\$91,270 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the President of the Borough of Richmond requesting, and report of the Comptroller recommending, the modification of Salary Schedule 1900, supporting the appropriation made in the Budget for the year 1911, for the office of said Borough President, providing for the transfer of \$1,100 from the item "Laborers" to the item "Steam Roller Enginemen":

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, October 23, 1911.

Honorable Board of Estimate and Apportionment, 277 Broadway, New York:

Gentlemen—I would request a modification of the 1911 appropriation of this office as follows:

Bureau of Highways.

1900. Wages, Temporary Employees—	
Laborers	\$54,731 00
Steam Roller Enginemen	5,600 00
	\$60,331 00

The purpose of this modification is to provide \$1,100 additional for the use of Steam Roller Enginemen whose services will be absolutely necessary for the prosecution of repair work during the remainder of the year. The said sum of \$1,100 additional is to be made up by the transfer from the line "Laborers, \$54,936," of \$205, and the sum of \$895 deposited to the credit of this account with the Chamberlain, as per report of the Cashier of our Bureau of Highways for the present week. This sum of \$895 is part of the proceeds of a check for \$5,247.52 paid to this office for repairs made by our Bureau of Highways along the line of the tracks of said railroad company while engaged in the work of general repairs of the street. The sum of \$895.79 represents the amount expended in connection with these general repairs for labor (\$699.22) and Steam Roller Enginemen (\$196.57), both of which were paid out of the appropriation 1900, and we, therefore, believe available for this purpose.

I would request that action be taken in the matter at the earliest possible moment, as our funds for the payment of Steam Roller Enginemen are very low.
Yours respectfully, GEORGE CROMWELL, President of the Borough.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 23, 1911, the President of the Borough of Richmond requested modification of the 1911 schedule supporting the Budget appropriation for the Bureau of Highways, Maintenance, No. 1900, Wages, Temporary Employees. In connection therewith I report as follows:

The modification is for the transfer of \$1,100 from Laborers to Steam Roller Enginemen. The appropriation for Laborers was \$54,936, and for Steam Roller Enginemen, \$4,500. It is stated that the latter amount is insufficient, and that \$5,600 will be necessary, on account of increased work, for the year.

The line item changes in detail are as follows:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Increase.	Decrease.	Increase.	Decrease.
1900.	Laborer, \$54,936		\$1,100 00		\$1,100 00
	Steam Roller Enginemen, \$4,500	\$1,100 00		\$1,100 00	

I recommend that the request be granted by the adoption of the attached resolution. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of Richmond for the year 1911, as follows:

Bureau of Highways—Maintenance—

1900.	Wages, Temporary Employees:	
	Laborers	\$53,836 00
	Steam Roller Enginemen	5,600 00
		\$59,436 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Parks, Manhattan and Richmond, requesting, and report of the Comptroller recommending, approval of the Schedule of Wages, Temporary Employees, Corporate Stock Force, for said Department, providing for the commencement of work on the 7th avenue parkway, General Improvement, from Central Park to the Harlem River:

The City of New York, Department of Parks, Arsenal, Central Park, November 6, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, City of New York:

Dear Sir—I respectfully request that you submit to the Board of Estimate and Apportionment for their approval a schedule for salaries and wages to be paid from the corporate stock account entitled, "C-DP-91, 7th Avenue Parkway, General Improvement from Central Park to the Harlem River," as follows:

Foreman, at \$1,200 per annum (2 months)	\$200 00
Gardener, at \$900 per annum (2 months)	150 00
Laborer, at \$2.50 per day (500 days)	1,250 00
Hired Teams with Driver, at \$6 per day (500 days)	3,000 00
	\$4,600 00

The request is made to enable me to start the work of improving the plots on 7th avenue running from Central Park to the Harlem River.

The schedule is based upon figures furnished by the Architect in charge of the work, and will be sufficient to cover the carting of top soil, digging tree pits, grading, etc.

I further request immediate action upon the request for the reason that the trees for the improvement of these parkways are now on order, and it will be necessary to see to their planting as soon as received by the Department.

Respectfully, CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 6, 1911, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested approval of a schedule of wages, temporary employees, for the corporate stock fund entitled, "C-DP-91, Seventh Avenue Parkway, General Improvement from Central Park to the Harlem River." In connection therewith I report as follows:

The Commissioner states that approval of the proposed schedule is necessary for starting work upon the improvement. The schedule is based on an estimate by the Landscape Architect in charge, covering the carting of top soil, digging tree pits, grading, etc. Provision is to be made for a Foreman and a Gardener, each for two months, Laborers for 500 days, and hired teams with Drivers for 500 days. The total of the schedule is \$4,600.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule for employees paid from other than Budget appropriations in the Department of Parks, Boroughs of Manhattan and Richmond, as follows:

Department of Parks, Boroughs of Manhattan and Richmond.

C-DP-91—Seventh Avenue Parkway, General Improvement from Central Park to the Harlem River—

Wages—Temporary Employees—Corporate Stock Force:	
Foreman, at \$1,200 per annum (2 months)	\$200 00
Gardener, at \$900 per annum (2 months)	150 00
Laborers, at \$2.50 per day (500 days)	1,250 00
Hired Teams with Driver, at \$6 per day (500 days)	3,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Bridges requesting, and report of the Comptroller recommending, the modification of Wage Schedule 105, supporting the appropriation made in the Budget for the year 1911, for said Department, by decreasing the number of days for Laborers, at \$2.50 a day, by 40 days, to provide for Riveters, at \$5 a day, for 20 days, to be effective November 1, 1911:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., October 28, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York, 280 Broadway, New York City:

Sir—I have to request a modification of schedules supporting the Budget appropriation for the Department of Bridges for the year 1911, as follows:

Bridges in the Boroughs of Brooklyn and Richmond—No. 105, Wages—Temporary Employees—Schedule reading—

Engineman, at \$4.50 per day (14 days)	\$63 00
Oiler, at \$3 per day (7 days)	21 00
Wireman, at \$4.50 per day (14 days)	63 00
Laborer, at \$2.50 per day (56 days)	140 00
	\$287 00

to be revised to read as follows, to be effective as of November 1, 1911:

Engineman, at \$4.50 per day (14 days)	\$63 00
Oiler, at \$3 per day (7 days)	21 00
Wireman, at \$4.50 per day (14 days)	63 00
Laborer, at \$2.50 per day (16 days)	40 00
Riveter, at \$5 per day (20 days)	100 00

\$287 00

This readjustment is for the services of Riveters should an emergency arise requiring them to work overtime.

This modification does not increase the Budget appropriation for the year 1911.

Respectfully, ARTHUR J. O'KEEFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 28, 1911, the Commissioner of Bridges requested modification of the 1911 schedule for Bridges in the Boroughs of Brooklyn and Richmond, No. 105, Wages, Temporary Employees. In connection therewith I report as follows:

It is proposed to decrease the number of days for Laborers, at \$2.50, by 40, to provide for Riveters, at \$5, for 20 days. The Commissioner states that the Riveters are for emergency overtime work. There is no change in the schedule total.

The following table shows the line item changes in detail:

Ac- count No.	Schedule Line.	Schedule Transfer.	
		Decrease.	Increase.
105.	Laborers, at \$2.50 per day (56 days)	\$100 00	
	Riveters, at \$5 per day		\$100 00

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Bridges, for the year 1911, to be effective as of November 1, 1911, as follows:

Department of Bridges.

Bridges in the Boroughs of Brooklyn and Richmond—

105.	Wages, Temporary Employees:	
	Enginemen, at \$4.50 per day (14 days)	\$63 00
	Oilers, at \$3 per day (7 days)	21 00
	Wiremen, at \$4.50 per day (14 days)	63 00
	Laborers, at \$2.50 per day (16 days)	40 00
	Riveters, at \$5 per day (20 days)	100 00
		\$287 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communications from the Department of Bridges requesting, and report of the Comptroller recommending, approval of the schedules, as revised, for said Department, Williamsburg Bridge Division, providing for the elimination of a Ship Carpenter at \$5 a day, and the substitution of a Carpenter at the same rate, and for the addition of a Rammer at \$4 a day, to be effective October 1, 1911:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., October 3, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York, 280 Broadway, New York City:

Sir—I have to request a modification of the schedule of Wages, Regular Employees, Williamsburg Bridge Division of the Department of Bridges, for the year 1911, which schedule was adopted by the Board of Estimate and Apportionment on June 1, 1911, effective as of October 1, 1911, as follows:

From "Wages, Regular Employees," drop line items reading:	
Carpenters, 10 at, per day (276 days)	\$5 00
Ship Carpenters, 1 at, per day (276 days)	5 00

Add line item to read:

Carpenters, 11 at, per day (276 days)	\$5 00
---	--------

This request is made to replace a vacancy caused by the death of a Ship Carpenter.

Copy of revised schedule herewith. Respectfully,

ARTHUR J. O'KEEFE, Commissioner.

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., October 11, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, The City of New York, 280 Broadway, New York City:

Sir—I have to request a modification of the schedules of Wages, Regular Employees, Williamsburg Bridge Division of the Department of Bridges, for the year 1911, which schedule was adopted by the Board of Estimate and Apportionment on June 1, 1911, effective as of October 1, 1911, as follows:

Drop	
Rammers, 2 at, per day (276 days)	\$4 00
Add	
Rammers, 3 at, per day (276 days)	\$4 00

This additional Rammer is necessary for use in the repaving of the roadways and approaches now under way. Copy of revised schedule herewith.

Respectfully, ARTHUR J. O'KEEFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 13, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 3 and October 11, 1911, the Commissioner of the Department of Bridges made request for modification of the non-budgetary schedule of Wages, Regular Employees, for the Williamsburg Bridge Division. In connection therewith I report as follows:

It is proposed to strike out the line item for a Ship Carpenter, at \$5 a day, and substitute a Carpenter at the same rate. It is stated that the incumbent in the position of Ship Carpenter has died, and that it is advisable to fill the vacancy with a Carpenter.

A Rammer, at \$4 a day, is to be added to the schedule. The Commissioner states that the additional Rammer is necessary for work of repaving the roadways and approaches to the bridge. Six pavers and two Rammers are now employed, and it is proposed to have one Rammer for every two Pavers. The Commissioner states that this is a fair average. The per annum increase of \$1,104 in the schedule total for the Rammer is to be paid out of the revenues of the bridge.

The following table shows the line item changes in detail:

Ac- count No.	Schedule Line.	Schedule Transfer.		Cash Transfer.	
		Decrease.	Increase.	Decrease.	Increase.
Williamsburg Bridge—					
	Ship Carpenter, 1 at \$5 per day (276 days)	\$1,380 00		\$337 50	
Wages—Regular Employees—					
	Carpenters, 10 at \$5 per day (276 days)		\$1,380 00		\$337 50
	Rammers, 2 at \$4 per day (276 days)		1,104 00		270 00
		\$1,380 00	\$2,484 00	\$337 50	\$607 50

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the non-budgetary schedule, as revised, for the Department of Bridges, for the year 1911, to be effective as of October 1, 1911, as follows:

Department of Bridges.

Williamsburg Bridge, Division—

Wages—Regular Employees:

Foreman Laborer	1 at	\$2,400 00
Foreman Laborer	1 at	2,150 00
Foreman Laborer	1 at	1,200 00
Foreman Riveter	1 at	2,100 00
Foreman Riveter	1 at	1,800 00
Foreman Carpenter	2 at	1,500 00
Foreman Painter	3 at	1,500 00
Foreman Brick Mason	1 at	1,800 00
Foreman Lineman	2 at	1,500 00
Riveters (276 days), per day	27 at	5 00
Stonemason (276 days), per day	1 at	5 00
Riggers (276 days), per day	2 at	3 75
Housesmiths (276 days), per day	2 at	5 00
Bridge Mechanics (276 days), per day	2 at	5 00
Blacksmiths (276 days), per day	2 at	4 50
Carpenters (276 days), per day	11 at	5 00
Wiremen (365 days), per day	4 at	4 50
Wiremen (276 days), per day	4 at	4 50
Inspectors of Electric Lighting and Conductors (365 days), per day	2 at	4 50
Inspector of Masonry (276 days), per day	1 at	5 00
Pavers (276 days), per day	6 at	5 00
Rammers (276 days), per day	3 at	4 00
Blacksmiths' Helpers (52 weeks), per week	1 at	25 00
Blacksmiths' Helpers (276 days), per day	2 at	3 00
Decorator (276 days), per day	1 at	4 50
Painters and Bridge Painters (276 days), per day	35 at	4 00
Watchmen (365 days), per day	7 at	2 50
Cleaners (365 days), per day	3 at	2 00
Attendants (365 days), per day	15 at	2 50
Laborers (365 days), per day	4 at	3 00
Laborers (312 days), per day	2 at	3 00
Laborers (365 days), per day	12 at	2 50
Laborers (312 days), per day	23 at	2 50
Mason Bricklayer (276 days) per day	1 at	5 60

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Department of Bridges requesting, and report of the Comptroller recommending, approval of the schedule, as revised, for said Department, New York and Brooklyn Bridge Division, to take effect as of November 1, 1911, by changing the line items "Carpenters, 16 at \$5 per day" and "Ship Carpenters, 2 at \$5 per day," to read "Carpenters or Ship Carpenters, 18 at \$5 a day," to be effective November 1, 1911:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., November 1, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, The City of New York*, 280 Broadway, New York City:

Sir—I have to request a modification of the schedule of the New York and Brooklyn Bridge Division of this Department, which schedule was adopted by the Board of Estimate and Apportionment on June 1, 1911, effective as of November 1, 1911, as follows:

New York and Brooklyn Bridge—Wages, Regular Employees:	
Drop line items reading:	
Carpenters, 16 at, per day (276 days)	\$5 00
Ship Carpenters, 2 at, per day (276 days)	5 00
Add line item to read:	
Carpenters or Ship Carpenters, 18 at, per day (276 days)	\$5 00

This request is made to enable this Department to appoint a Carpenter in place of a Ship Carpenter who died on October 27, 1911. A request for change of title of Ship Carpenters to Carpenters is now pending before the Civil Service Commission, and is in line with the policy of this Department in abolishing needless titles. The above change does not increase the allowance made for the Maintenance of the New York and Brooklyn Bridge. Copy of revised schedule herewith.

Respectfully, ARTHUR J. O'KEEFE, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 11, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 1, 1911, the Commissioner of Bridges requested modification of the non-budgetary schedule for the New York and Brooklyn Bridge, Wages, Regular Employees. In connection therewith I report as follows:

It is proposed to change the line items, "Carpenters, 16 at \$5 per day" and "Ship Carpenters, 2 at \$5 per day," to read "Carpenters or Ship Carpenters, 18 at \$5 per day." The Commissioner states that the change is to enable him to employ a Carpenter or Ship Carpenter to meet the needs of the Department.

No increase in compensation or change in the schedule allowance is involved.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the non-budgetary schedule, as revised, for the Department of Bridges, for the year 1911, to be effective as of November 1, 1911, as follows:

Department of Bridges.

New York and Brooklyn Bridge Division—

Wages, Regular Employees:

Master Mechanic	1 at	\$2,400 00
Superintendent of Electric Lights	1 at	2,200 00
Foreman Carpenter	1 at	2,400 00
Foreman Carpenter	1 at	1,500 00
Assistant Foreman Carpenter	1 at	1,500 00
Foreman Lineman	1 at	1,500 00
Foreman Brick Mason	1 at	1,800 00
Foreman Riveter	1 at	2,100 00
Foreman Riveter	1 at	1,800 00
Foreman Bridge Mechanic	1 at	1,500 00
Foreman Painter	1 at	1,800 00
Foreman Painter	2 at	1,500 00
Foreman Blacksmith	1 at	1,800 00
Foreman Laborer	1 at	2,150 00
Foreman Laborer	1 at	1,500 00
Assistant Foreman Laborer	1 at	1,500 00
Assistant Foreman	2 at	1,500 00
Riveters (276 days), per day	33 at	5 00
Housesmiths (276 days), per day	3 at	5 00
Bridge Mechanic (276 days), per day	1 at	5 00

Stonemasons (276 days), per day	3 at	5 00
Brick Masons (Layers), (276 days), per day	4 at	5 60
Carpenters or Ship Carpenters (276 days), per day	18 at	5 00
Riggers (276 days), per day	3 at	3 75
Machinists (276 days), per day	9 at	4 50
Machinists (302 days), per day	6 at	4 50
Stokers (365 days), per day	2 at	3 00
Oilers (365 days), per day	2 at	3 00
Machinists' Helpers (276 days), per day	4 at	3 00
Blacksmiths (276 days), per day	3 at	4 50
Blacksmiths' Helpers (276 days), per day	5 at	3 00
Wiremen (302 days), per day	11 at	4 50
Stationary Engineers (365 days), per day	4 at	4 50
Stationary Engineer (312 days), per day	1 at	4 50
Fireman (365 days), per day	1 at	3 00
Masons' Helper (276 days), per day	1 at	3 00
Painters and Bridge Painters (276 days), per day	19 at	4 00
Drivers (365 days), per day	8 at	2 50
Watchmen (365 days), per day	2 at	3 00
Watchmen (365 days), per day	14 at	2 50
Attendants (365 days), per day	6 at	2 50
Laborer (302 days), per day	1 at	3 50
Laborers (365 days), per day	7 at	3 00
Laborers (276 days), per day	4 at	3 00
Laborers (365 days), per day	4 at	2 75
Laborers (365 days), per day	61 at	2 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the President of the Borough of Queens requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the form of contract, specifications (as amended) and estimate of cost (\$29,000), for the construction of a concrete culvert and bulkhead, to replace the present bridge at Norton's Creek, Edgemere, Borough of Queens, under the jurisdiction of said Borough President:

The City of New York, Office of the President of the Borough of Queens, Long Island City, September 7, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York*:

Sir—Pursuant to resolution of the Board of Estimate and Apportionment, adopted July 17, 1911, I beg to hand you herewith for your approval copy of proposed contract and specifications and blue print of plans, "For the construction of a concrete culvert and bulkhead, together with all work incidental thereto, to replace the present bridge at Norton's Creek, Edgemere, Fifth Ward, Borough of Queens".

Board of Estimate and Apportionment, July 26, 1911.

JOHN N. BOOTH, Esq., *Secretary, Borough of Queens*:

Dear Sir—In reference to your communication of July 24, transmitting plan showing the relative position of the United States pier and bulkhead line as established to a proposed culvert across and a bulkhead on the northerly side of Atlantic boulevard, Nortons Creek, for approval by the War Department, I transmit herewith, for your information, copy of the report of the Chief Engineer of this Board relative to the proposed change in the City map by laying out Atlantic boulevard, from Grandview avenue to Channel avenue. You will note the Chief Engineer states that "Nortons Creek is to be closed under the plan fixing the bulkhead line of Jamaica Bay, which was recently approved by the Secretary of War." It would appear, therefore, that no further action by the War Department in the matter is required.

Very truly yours,

(Signed) JOSEPH HAAG, Secretary.

Report No. 9706.

July 13, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment*:

Sir—Herewith is transmitted a communication from the Secretary of the Borough of Queens, bearing date of April 11, 1911, requesting the approval of a map laying out Atlantic boulevard, from Grandview avenue to Channel avenue, in the Fifth Ward.

This map relates to one long block of Atlantic boulevard which is to have a width of 66 feet. The street is to include within its lines a well-recognized highway having a width of about 50 feet, through the northerly half of the block, and coinciding with the lines now proposed in the southerly half, an angle being inserted at the point where the width changes, this being located at the crossing over Nortons Creek.

Information is presented with the communication to show that the drawbridge over the creek is unsafe for use, notwithstanding the fact that it has for some time been treated as a fixed bridge and supported on piles. It appears that the floor beams and stringers need to be replaced, and that the bridge will have to be practically rebuilt in case its use is continued.

Nortons Creek is to be closed under the plan fixing the bulkhead line of Jamaica Bay, which was recently approved by the Secretary of War, and an inspection of the ground shows that the stream is not navigable east of the bridge except at low tide, when only small boats can find their way between the bridge supports. In case the plan now presented is adopted it is proposed to abandon one bridge and to substitute solid filling across the creek.

The treatment proposed is, in my judgment, a proper one, and the approval of the map is recommended after a public hearing.

Respectfully,

NELSON P. LEWIS, Chief Engineer.

In connection therewith the above correspondence with the Board of Estimate and Apportionment explains itself. Yours respectfully,

LAWRENCE GRESSER, President of the Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 10, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 7, 1911, the President of the Borough of Queens requested approval of the form of contract, plans, specifications and estimate of cost in the sum of \$29,000, for the construction of a concrete culvert and bulkhead to replace the present bridge at Norton's Creek, Edgemere, Borough of Queens.

The bridge over Norton's Creek is on the Atlantic boulevard, between Grandview and Channel avenues. Atlantic avenue is the main thoroughfare, with heavy traffic, along the ocean front connecting Far Rockaway, Edgemere, Hammels, and East Rockaway, and other points. The bridge is an old iron single truss swing structure. The iron has rusted away in spots, and the bridge is in a dilapidated state. The floor beams and stringers are held up by piles put in place to keep the bridge from falling.

The plans for the improvement follow the lines of the roadway, and are in accordance with the plan of the United States Government for closing the creek. The improvement is necessary.

The form of contract is satisfactory. The specifications have been amended in several small details. The estimate of cost is reasonable.

The cost of the work is to be charged to the corporate stock fund for \$30,000, entitled, "C-PQ-2B, Construction of Culvert Work, etc., at Norton's Creek, Edgemere, Queens." The appropriation was made in the 1911 Corporate Stock Budget.

I recommend the adoption of the attached resolution approving the request with the necessary amendments.

Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolutions of July 17, 1911, as amended on August 31, 1911, hereby approves the form of contract, and specifications, as amended, and the estimate of cost in the sum of twenty-

nine thousand dollars (\$29,000), for the construction of a concrete culvert and bulkhead, together with all work incidental thereto, to replace the present bridge at Norton's Creek, Edgemere, Fifth Ward, Borough of Queens, under the jurisdiction of the President of the Borough of Queens.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Comptroller presented the following resolution, requesting the various departments to submit to the Board at or before its first meeting in January, 1912, a statement of the prospective requirements and needs of said departments, for the authorization and issue of corporate stock during the year beginning July 1, 1912, and so far as possible for the subsequent years, up to and including the year 1916:

Resolved, That the various Departments be required to submit to the Board of Estimate and Apportionment, at or before its first meeting in January, 1912, a statement of the prospective requirements and needs of said Departments for the authorization and issue of corporate stock, during the year beginning July 1, 1912, and, so far as possible, for the subsequent years to and including the year 1916, showing the amounts that will be required for expenditures during the year 1912, in pursuance of authorizations now existing, and showing separately the additional amounts that will be required or requested in each annually recurring Corporate Stock Budget for the year stated; all of such information to be submitted in a manner and form to be prescribed by the Comptroller.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following report of the Comptroller recommending the transfer of \$5,625 from the Account for the year 1911, entitled "No. 44. Interest on Bonds and Stock to be issued in 1910 after September 30, and in 1911," to the Accounts Nos. 1831 and 1835 within the appropriation made to the President of the Borough of Queens for the year 1911:

City of New York, Department of Finance, Comptroller's Office, November 14, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—In order that the President of the Borough of Queens may have sufficient funds for the employment of hired teams, horses and carts, and for the hiring of steam rollers for the 30 working days on the highways of the Borough of Queens, which may reasonably be expected under usual weather conditions up to the end of the year, I recommend transfers to two accounts under the jurisdiction of the President of the Borough of Queens from one of the accounts under the jurisdiction of the Comptroller, as per the resolution attached hereto.

The President of the Borough of Queens desires the use of 10 teams and trucks at \$6 per day for 30 days, and 25 horses and carts at \$3.50 per day for 30 days. To provide for the hiring of these teams and trucks and horses and carts, it will be necessary to replenish appropriation 1831 of the Borough President's office to the amount of \$4,425.

The President of the Borough of Queens desires to employ 4 steam rollers at \$10 per day each for 30 days. This will require an allowance of \$1,200 to be transferred to Code 1835 of the appropriations granted to the President of the Borough of Queens.

I find that there is sufficient unencumbered balance in Department of Finance appropriation Code 44, entitled "Interest on Bonds and Stock to be issued in 1910 after September 30, and in 1911," to permit the transfer of these two sums therefrom.

I therefore recommend the adoption of the attached resolution, which would carry out the purposes of this report. Yours respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated for the year 1911, as follows:

From	
44. Interest on bonds and stock to be issued in 1910 after September 30, and in 1911	\$5,625 00
To	
1831. President, Borough of Queens, Maintenance of Highways, Hired Teams, Horses and Carts.....	\$4,425 00
1835. President, Borough of Queens, Maintenance of Highways, Apparatus, Machinery, Vehicles, Harness, etc., Including Care and Storage	1,200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communication from the Mayor's office, requesting the establishment of additional grades of positions for said office, together with a report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen recommending the approval of said request:

City of New York, Office of the Mayor, November 15, 1911.

To the Honorable, the Board of Estimate and Apportionment, New York City:

Gentlemen—Request is hereby made for the creation of the following additional grades of positions in the office of the Mayor:

	Per Annum
Secretary to the Mayor, at.....	\$6,500 00
Assistant Secretary, at	3,100 00
Executive Clerk, at.....	2,250 00
Confidential Stenographer, at.....	2,100 00
Telephone Operator, at.....	1,050 00

This is in conformity with the provisions of the 1912 Budget and will involve no increase in appropriation.

Respectfully,

ROBERT ADAMSON, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 16, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On November 14, 1911, the Secretary to the Mayor requested the establishment in the Office of the Mayor, pursuant to the provisions of section 56 of the Greater New York Charter, of the following grades of positions:

	Rate per Annum.	Number of Incumbents.
Secretary to the Mayor.....	\$6,500 00	1
Assistant Secretary	3,100 00	1
Executive Clerk	2,250 00	1
Confidential Stenographer	2,100 00	1
Telephone Operator	1,050 00	1

Four of the grades are for increases in compensation as follows:

Robert Adamson, Secretary to the Mayor, from \$6,000 to \$6,500 per annum: Mr. Adamson was appointed on January 1, 1910, at the present rate.

Philip J. Kohler, Assistant Secretary, from \$3,000 to \$3,100 per annum:

Mr. Kohler was appointed on February 1, 1910, at the present rate.

John J. Glennon, Executive Clerk, \$2,100 to \$2,250 per annum:

Mr. Glennon was appointed on March 19, 1906, at \$1,500 per annum. On April 1, 1906, he was increased to \$1,800, and on June 16, 1908, to the present rate.

Arthur H. Allen, Telephone Operator, from \$900 to \$1,050 per annum:

Mr. Allen was appointed on May 10, 1910, at the present rate.

The total yearly increase of \$900 for the four positions is to be provided by decreasing the compensation of the position of Confidential Stenographer from \$3,000 to \$2,100 per annum. This position is now vacant.

The proposed establishment is for rates of compensation included in the 1912 Budget, as approved by your Board.

We recommend that the request be granted by the adoption of the attached resolution.

Respectfully, WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHELL, President, Board of Aldermen; Select Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the office of the Mayor, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Secretary to the Mayor.....	\$6,500 00	1
Assistant Secretary	3,100 00	1
Executive Clerk	2,250 00	1
Confidential Stenographer	2,100 00	1
Telephone Operator	1,050 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The following matters, not upon the Calendar for this day, were considered by unanimous consent:

The Comptroller presented the following communication from the Public Service Commission for the First District requesting, and report recommending, approval of award of contract for the construction of Section 13, Route 5, Lexington avenue subway (East 118th street to East 129th street) and the authorization of \$4,071,416.50 corporate stock to meet the requirements of said contract:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau street, New York, October 31, 1911.

To the Board of Estimate and Apportionment of The City of New York:

The Public Service Commission for the First District herewith transmits to you for your consent, as required by law, a proposed contract between The City of New York and Bradley Contracting Company for the construction at the public expense of Section 13 of Route 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad which extends under Lexington avenue from East 118th street to East 129th street, in the Borough of Manhattan.

The Public Service Commission for the First District further requests your honorable Board to consent to the said contract herewith transmitted and to prescribe a limit to the amount of bonds available to meet the requirements of the said contract, to wit, the sum of four million seventy-one thousand four hundred sixteen dollars and fifty cents (\$4,071,416.50); and also to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad.

And the Public Service Commission for the First District does hereby, pursuant to section 45 of the Greater New York Charter, make request for the authorization of such corporate stock for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of four million seventy-one thousand four hundred sixteen dollars and fifty cents (\$4,071,416.50).

In witness whereof, the Public Service Commission for the First District has caused its official seal to be hereto affixed and attested by its Secretary and these presents to be signed by its Chairman this 31st day of October, 1911.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by W. R. WILLCOX, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

After a consideration of the bids of Section 13 of Route 5, the following resolution was duly moved and seconded:

Resolved, That this Commission hereby accepts the proposal of Bradley Contracting Company, dated October 27, 1910, for the construction of Section 13 of Route 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad, which extends under Lexington avenue from East 118th street to East 129th street in the Borough of Manhattan, the aggregate of the unit prices in the proposal amounting to four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50).

Resolved, That the Chairman and the Secretary be and they hereby are authorized on behalf of the Commission to execute a contract in the form attached to the said proposal and to deliver the same if and when consented to by the Board of Estimate and Apportionment and upon compliance by the said Bradley Contracting Company with the requirements of the Invitation to Bidders attached to the said proposal.

Resolved, That the Chairman and Secretary be and they hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to the said contract and to prescribe a limit to the amount of bonds available to meet the requirements of the said contract, to wit, the sum of four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50); and also to request the said Board of Estimate and Apportionment to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Board of Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad; and also to make request for the authorization of bonds for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50).

Resolved, That the Secretary give notice to the said Bradley Contracting Company that its proposal has been accepted and the contract awarded to it by this Commission, subject to its being consented to by the Board of Estimate and Apportionment as required by law.

Resolved, That it be referred to Counsel to the Commission to inquire into the sufficiency of the sureties proposed to be given by the said Bradley Contracting Company, and in case the sureties named in the proposal of the said Bradley Contracting Company or any of them are not approved by the Commission, then to inquire into the sufficiency of any other or substitute sureties, and in behalf of the Commission to do any such act as may be necessary and incidental to the furnishing of a proper bond.

Ayes—Commissioners Willcox, McCarroll, Maltbie, Eustis, Cram.

Nays—None.

Carried.

State of New York, County of New York, ss.

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify, that I have compared the above with the original adopted by said Commission on October 31, 1911, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission, this 31st day of October, 1911.

[SEAL]

TRAVIS H. WHITNEY, Secretary.

INVITATION TO CONTRACTORS.

Parts of Lexington Avenue Route.

The City of New York, acting by the Public Service Commission for the First District (hereinafter called "the Commission") invites proposals to construct portions of a proposed Rapid Transit Railroad in the Boroughs of Manhattan and The Bronx, in The City of New York. Proposals may be submitted separately for any one or more of the separate sections of which such railroad consists as hereinafter stated.

The points within the City between which the said several parts are to run and the route or routes to be followed are briefly as follows:

Lexington Avenue Route (Route No. 5).

Section 1. Begins under Battery Park and extends thence under Battery place, Greenwich street, Trinity place and Church street to a point about 80 feet north of the centre line of Dey street; with a station in Battery Park, a station at Rector street and a station at Cortlandt and Dey streets.

Section 2. Begins at the end of Section 1 and extends thence under Church street, private property, Vesey street, private property and Broadway to a point under Broadway about 110 feet north of the centre line of Walker street; with a station at Murray and Warren streets.

Section 2-A. Begins at the end of Section 2 and extends thence under Broadway to a point about midway between Houston and Bleeker streets; with a station at includes the Canal street station and also the portion of the Canal street subway lying thereunder.

Section 3. Begins at the end of Section 2-A and extends thence under Broadway to a point about on the northerly building line of Howard street. This section Prince street.

Section 4. Begins at the end of Section 3 and extends thence under Broadway, private property and the several cross streets to a point under private property at the southerly line of East 14th street and Irving place; with a station at Astor place and East 8th street.

Section 5. Begins at the end of Section 4 and extends thence under Irving place, Gramercy Park and Lexington avenue to a point about 140 feet north of the centre line of East 26th street; with a station at East 14th and East 15th streets and a station at East 23d street.

Section 6. Begins at the end of Section 5 and extends thence under Lexington avenue to about the centre line of East 40th street; with a station at East 27th and East 28th streets and a station at East 34th street.

Section 7. Begins at the end of Section 6 and extends thence under Lexington avenue to a point about 50 feet north of the centre line of East 53d street; with a station at East 42d and 43d streets and a station at East 51st street.

Section 8. Begins at the end of Section 7 and extends thence under Lexington avenue to a point about 50 feet north of the centre line of East 67th street; with a station at East 58th and East 59th streets.

Section 9. Begins at the end of Section 8 and extends thence under Lexington avenue to a point about 70 feet south of the centre line of East 79th street; with a station at East 68th and East 69th streets and a station at East 77th street.

Section 10. Begins at the end of Section 9 and extends thence under Lexington avenue to a point about 50 feet south of the centre line of East 93d street; with a station at East 86th street.

Section 11. Begins at the end of Section 10 and extends thence under Lexington avenue to a point about 70 feet south of the centre line of East 106th street; with a station at East 96th street and a station at East 102d and East 103d streets.

Section 12. Begins at the end of Section 11 and extends thence under Lexington avenue to a point about 115 feet south of the centre line of East 118th street; with a station at East 110th and East 111th streets and a station at East 116th street.

Section 13. Begins at the end of Section 12 and extends thence under Lexington avenue to a point about 120 feet south of the centre line of East 129th street; with a station at East 125th street.

Section 14. Begins at the end of Section 13 and extends thence under Lexington avenue, private property and the Harlem River to a point in private property in the Borough of The Bronx, thence under private property and Park avenue to East 135th street. Here the line divides into two branches. The west branch begins at about the centre line of East 135th street and extends thence under private property to a point in private property a distance of about 655 feet from the centre line of East 135th street and about 50 feet west of the centre line of Mott avenue. The east branch extends under Park avenue and partly under private property to about the intersection of the easterly line of Mott avenue with the westerly line of Park avenue.

Section 15. This section consists of two branches. The west branch begins at the end of the west branch of Section 14 and extends thence under East 138th street, private property and Mott avenue, Franz Sigel Park, private property and the several cross streets to a point in private property on the easterly side of River avenue about 120 feet south of the south line of East 157th street; with a station at East 138th street and East 149th street. [The portion of this section north of East 151st street is part of the River Avenue Route adopted by the Commission on the 16th day of June, 1908.] The east branch begins at the end of the east branch of Section 14 and extends thence under Park avenue, private property, Canal street West and East 138th street to a point in East 138th street about 150 feet easterly of the centre line of Alexander avenue, with a station between 3d and Alexander avenues.

The general plan of construction calls for a subsurface railroad having two tracks between Battery Park and Chambers street, in Manhattan, and four tracks from Chambers street, in Manhattan, to 135th street and Park avenue, in The Bronx, with the branches in The Bronx having in the main three tracks each. Turnouts, cross-overs, connections, sidings, loops, etc., will be constructed, all of which are more particularly indicated on the contract drawings.

For Section 14 two plans designated Type H and Type K respectively have been prepared. The bidders for such section may submit a proposal for either or both of such types. After a comparison of the bids the Commission will determine which of such plans shall be adopted.

Bidders for the several sections will not be required to do the station finish work, nor to provide or lay tracks, ties or ballast.

The work of construction under the contract shall include the construction of all necessary sewers and connections, along the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning where necessary, of all buildings, monuments, surface, subsurface and elevated railroads and other structures, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and the temporary paving and maintenance of roadways.

The method of construction will be partly by trench excavation (under cover, unless otherwise specified in the form of contract or permitted by the Commission), and partly by tunnel, as set forth in the forms of contract.

Bidders must examine the form of contract, specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated, in the printed form of contract and in the contract drawings therein referred to. Printed copies of the forms of contract, bond and contractor's proposal may be had on application at the office of the Commission, 154 Nassau street, Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders by payment of five dollars (\$5) for the contract drawings for each section. The printed form of contract and the contract drawings are to be deemed a part of this invitation.

The Commission is informed by the Department of Docks and Ferries that docks and bulkheads along the East River may be available for dumping purposes. Information in regard thereto may be obtained by any intending bidder upon inquiry at the office of the Commission.

Partial payments to the Contractor will be made monthly as the work proceeds as provided in the form of contract.

The Contractor for any section or sections will be required to complete the work as soon as practicable and within the time hereinafter prescribed for such completion.

Sealed bids or proposals will be received at the office of the Commission at 154 Nassau street, Borough of Manhattan, City of New York, until the 27th day of October, 1910, at twelve (12) o'clock noon, at which time, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commission.

A statement, based upon the estimate of the Engineer, of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work required for each section, is to be found in the schedules forming a part of the form of Contractor's Proposal. The quantities given in such schedules are approximate only, being given as a basis for the uniform comparison of bids and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Rapid Transit Railroad—Route No. 5, Section No. *," and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check for each section bid upon, drawn upon a national or state bank or trust company having its principal office in The City of New York, satisfactory to the Commission and payable to the order of the Comptroller of The City of New York for the amount herein specified for the section for which a proposal is made. Such check must not be enclosed in the envelope containing the proposal.

The unit prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract or contracts will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties named by them are not approved by the Commission, may substitute in their proposals the names of other sureties approved by the Commission, but such substitution must be made within five days after notice of disapproval, unless this period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract, the Contractor will be required to furnish security to the City by giving a bond for the amount hereinafter stated. The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security to the City, ten (10) per cent. of the amount certified from time to time to be due to the Contractor will be retained until the work is fully completed and accepted.

Schedule Indicating Time Allowed for Completion, the Amount of Bond and the Amount of Certified Check for Each of the Several Sections.

Route 5.		Time for Completion, Months.	Amount of Bond.	Amount of Certified Check.
Section 1.....	42	\$500,000	\$15,000	
Section 2.....	42	600,000	15,000	
Section 2A.....	42	250,000	10,000	
Section 3.....	42	300,000	10,000	
Section 4.....	36	300,000	10,000	
Section 5.....	42	300,000	10,000	
Section 6.....	42	350,000	10,000	
Section 7.....	42	350,000	10,000	
Section 8.....	42	300,000	10,000	
Section 9.....	42	300,000	10,000	
Section 10.....	42	300,000	10,000	
Section 11.....	42	300,000	10,000	
Section 12.....	42	400,000	12,500	
Section 13.....	42	400,000	12,500	
Section 14.....	42	500,000	15,000	
Section 15.....	42	500,000	15,000	

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders, as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, then this Invitation to Contractors and Proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions as to security are complied with.

The right to reject any and all bids is reserved.

New York, September 1, 1910.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by WILLIAM R. WILLCOX, Chairman; TRAVIS H. WHITNEY, Secretary.

RAPID TRANSIT RAILROAD.

Contract, Route 5, Section 13.

Agreement, made this.....day of.....1910, between The City of New York, hereinafter called the City, acting by the Public Service Commission for the First District, hereinafter called the Commission, party of the first part, and Bradley Contracting Company, hereinafter called the Contractor, party of the second part.

Whereas, The Commission, in behalf of the City, by due advertisement, pursuant to law, has invited contractors to submit to the Commission proposals for making this contract; and

Whereas, The Contractor has thereupon duly submitted to the Commission a proposal, which has been accepted; and

Whereas, The Board of Estimate and Apportionment of The City of New York has consented to this contract;

Now, therefore, in consideration of the mutual covenants and agreements hereinafter contained, and under the authority of chapter 4 of the Laws of 1891, entitled, "An Act to provide for Rapid Transit Railways in Cities of over One Million Inhabitants," and of the various acts amending the same, the parties do hereby, the City for itself and its successors and the Contractor for itself, its successors and assigns, agree each with the other as follows:

*To be filled in with the section number for which the proposal is made.

I.—GENERAL PROVISIONS AND DEFINITIONS.

Outline of Contract.

Article 1. The Contractor agrees to construct the part hereinafter described of a Rapid Transit Railroad, with its appurtenances. The City agrees to pay to the Contractor the sums of money hereinafter mentioned at the times and in the manner and upon the terms and conditions hereinafter set forth.

Brief Description of Works.

Article 2. The railroad to be constructed under this contract forms a part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for The City of New York on May 12, 1905, and which as modified is known as the Lexington Avenue Route—or Route No. 5. The part to be constructed under this contract consists of Section No. 13.

Section No. 13—118th Street to 129th Street.

Beginning at a point about 115 feet south of the centre line of 118th street, thence under Lexington avenue to a point about 120 feet south of the centre line of 129th street; with a station at East 125th street.

The precise location of the tracks, and the dimensions and other characteristics of the Railroad, are more fully stated in the specifications forming a part of this contract, and in the detailed drawings and plans hereinafter mentioned.

Statutes Incorporated Herein.

Article 3. This contract is made pursuant to the Rapid Transit Act, which is to be deemed a part hereof as if it were incorporated herein.

Marginal Notes, etc.

Article 4. Titles, headings, running headlines and marginal notes are printed hereon merely for convenience and shall not be deemed to be any part of this contract for any purpose whatever.

Definitions of Words.

Article 5. The following words and expressions used in this contract shall, except where by the context it is clear that another meaning is intended, be construed as follows:

"City."

(1) The word "City" to mean The City of New York, and any other corporation or division of government to which the ownership, rights, powers and privileges of The City of New York under the Rapid Transit Act, shall hereafter come, belong or appertain.

"Commission."

(2) The word "Commission" to mean the Public Service Commission for the First District, and any other board, body, commission, official or officials, to which or to whom the powers now belonging to the said Commission in respect to the location, construction, equipment, maintenance and operation of rapid transit railroads under the provisions of the Rapid Transit Act shall, by virtue of any act or acts, hereafter pass or be held to appertain.

"Contractor."

(3) The word "Contractor" to mean the party of the second part to this contract, and its successors, and any and every person or corporation who or which shall at any time be liable in the place or for the party of the second part to perform any obligations under this contract assumed by the said party of the second part. For convenience the Contractor is hereinafter referred to as if the Contractor were an individual. The word "he" shall, as the sense may require, include "it," "she" and "they"; the word "him" shall include "her," "it" and "them"; and the word "his" shall include "its," "her" and "their."

"Comptroller."

(4) The word "Comptroller" to mean the Comptroller of The City of New York, and the officer or board to whom or to which his powers now existing under the Rapid Transit Act shall come to appertain.

"Engineer."

(5) The word "Engineer" to mean the Chief Engineer of the Commission or his duly authorized representative and any successor or successors duly appointed or any deputy or substitute for him who shall be appointed by the Commission or by its authority.

"Rapid Transit Act."

(6) The words "Rapid Transit Act" to mean chapter 4 of the Laws of 1891, as amended by chapters 102 and 556 of the Laws of 1892, chapters 528 and 752 of the Laws of 1894, chapter 519 of the Laws of 1895, chapter 729 of the Laws of 1896, chapter 616 of the Laws of 1900, chapter 587 of the Laws of 1901, chapters 533, 542, 544 and 584 of the Laws of 1902, chapters 562 and 564 of the Laws of 1904, chapters 599 and 631 of the Laws of 1905, chapters 472, 606 and 607 of the Laws of 1906, chapter 429 of the Laws of 1907, chapter 498 of the Laws of 1909, and chapters 205, 504, 505 and 506 of the Laws of 1910, or as heretofore otherwise amended.

"Railroad."

(7) The word "Railroad" to mean the part which the Contractor agrees by this contract to build, together with the station or stations to be built in conjunction therewith, and all appurtenances thereto which are to be constructed or provided by the Contractor.

"The Works."

(8) The words "the Works" to mean all of the matters and things herein agreed to be furnished or done by or on the part of the Contractor.

"New York."

(9) The words "New York" to mean The City of New York according to its boundaries at the date of this contract.

"Daily Newspaper."

(10) The words "daily newspaper" to mean any paper regularly published in New York on every day or every day except Sundays and holidays.

"Notice." "Direction."

(11) The word "notice" to mean a written notice. The word "direction" to mean a written direction.

Wherever in the specifications or upon the drawings the words "directed," "required," "permitted," "ordered," "designated," "prescribed" or words of like import are used, it shall be understood that the direction, requirement, permission, order, designation or prescription of the Engineer is intended, and similarly the words "approved," "acceptable," "satisfactory" or words of like import shall mean approved by or acceptable or satisfactory to the Engineer.

Legal Address of Contractor—Address May be Changed. Service Upon Contractor Personally.

Article 6. The address given in the bid or proposal, upon which this contract is founded, is hereby designated as the place where all notices, directions and other communications to the Contractor shall be certified, mailed or delivered. The delivering at the above-named place or depositing in a post-paid wrapper directed to the above place, in any postoffice box regularly maintained by the Postoffice Department, of any notice, letter or other communication to the Contractor, shall be deemed sufficient service thereof upon the Contractor. Such address may be changed at any time by an instrument in writing executed and acknowledged by the Contractor and delivered to the Commission. Nothing herein contained shall be deemed to preclude or render inoperative the service of any notice, direction or other communication upon the Contractor personally.

Contractor Responsible for Acts of Sub-contractor's Employees.

Article 7. If the Contractor shall cause any part of this contract to be performed by a sub-contractor, the provisions of this contract shall apply to such sub-contractor and his officers, agents and employees in all respects, as if he and they were employees of the Contractor; and the Contractor shall not be in any manner thereby discharged from his obligations and liabilities hereunder, but shall be liable hereunder for all acts and negligence of the sub-contractor, his officers, agents and employees as if they were employees of the Contractor. The employees of the sub-contractor shall be subject to the same provisions hereof as employees of the Contractor; and the work or materials furnished by the sub-contractor shall be subject to the provisions hereof, as if furnished directly by the Contractor.

Commission May Disapprove Sub-contractors.

Article 8. The Contractor, before making any sub-contract of the work, shall state in writing to the Commission the name of the proposed sub-contractor, the portion of the work which such sub-contractor is to do or the materials which such sub-contractor is to furnish, the place of business of such sub-contractor and such other information as the Commission may require. The Commission shall have the right to require the Contractor not to award any sub-contract to a person, firm or corporation disapproved by the Commission.

II.—WORK TO BE DONE, PRICES, ETC.

Work to be Done.

Article 9. The Contractor shall do all the work and furnish all the materials, plant, tools, and appliances necessary or proper for performing and completing the work of constructing the Railroad in the manner and within the time hereinafter specified. He shall complete the Railroad and do all the work and furnish all labor and materials in and about the construction of the Railroad to the satisfaction of the Commission and in accordance with this contract and the specifications and drawings herein mentioned at the prices herein agreed upon and fixed therefor; provided, however, that said contract drawings may from time to time be altered or modified as hereinafter provided.

Construction Includes Sewer and Other Incidentals.

Article 10. In order to construct the Railroad it will be necessary to take up and relay the sidewalk pavement or other surface material, and to lay and maintain a temporary pavement in the roadway, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all elevated and surface and subsurface railroads, water mains, gas pipes, electric subways, poles and wires, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other subsurface structures, together with their necessary connections; and to do all such additional and incidental work as may be necessary for the completion of the Railroad and the reconstruction and restoration of the street pavements or other surfaces (except as herein provided in respect of temporary pavements for roadways), adjacent to the route of the Railroad and which may have been directly or indirectly disturbed or injured by the Contractor in the progress of the work of construction, to as useful and good a condition as existed before construction shall have been begun. All such work of every description including underpinning wherever necessary, of all buildings or structures of whatsoever nature, monuments, elevated railroads and surface and subsurface railroads affected by or interfered with during the construction of the Railroad, is part of the work which is included in this contract and which the Contractor agrees to perform for the prices herein agreed upon.

Prices.

Article 11. The City will pay and the Contractor shall receive in full compensation for furnishing the necessary plant and all the materials and labor, and for performing and completing all the work which is necessary or proper to be furnished or performed in order to complete the Railroad (including all incidental work), and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all risks of any description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work as herein specified, the following prices, to wit:

Schedule of Unit Prices.

- Item 1. For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of three dollars and 50 cents (\$3.50) per cubic yard.
- Item 2. For earth excavation below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of seven dollars (\$7) per cubic yard.
- Item 2-A. For earth excavation, both above and below mean high water (for sewers and pipes, including the disposal of it, etc., the sum of five dollars (\$5) per cubic yard.
- Item 3. For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., the sum of five dollars (\$5) per cubic yard.
- Item 3-A. For rock excavation for sewers and pipes, including the disposal of it, etc., the sum of six dollars (\$6) per cubic yard.
- Item 4. For underpinning buildings, including all incidental work and material, as follows:
 - (a) For buildings less than seven (7) stories in height the sum of one hundred and fifty dollars (\$150) per lineal front foot of building underpinned.
 - (b) For buildings from seven (7) to twelve (12) stories in height, the sum of two hundred dollars (\$200) per lineal front foot of building underpinned.
- Item 6. For concrete masonry, in place, the sum of ten dollars (\$10) per cubic yard.
- Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of eight dollars (\$8) per cubic yard.
- Item 8. For rubble stone masonry, in place, the sum of eight dollars (\$8) per cubic yard.
- Item 9. For brick masonry, in place, the sum of fifteen dollars (\$15) per cubic yard.
- Item 10. For hollow terra cotta brick masonry, in place, the sum of fifteen dollars (\$15) per cubic yard.
- Item 12. For timber piles, in place and prepared, the sum of one dollar and twenty-five cents (\$1.25) per lineal foot.
- Item 13. For timber foundations, placed and fastened, the sum of seventy-five dollars (\$75) per thousand feet, board measure.
- Item 14. For broken stone or gravel, in place, other than that used in concrete, the sum of two dollars and fifty cents (\$2.50) per cubic yard.
- Item 15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:
 - (a) For one-ply, the sum of seventy-five cents (\$0.75) per square yard.
 - (b) For two-ply, the sum of one dollar (\$1) per square yard.
 - (c) For three-ply, the sum of one dollar and fifty cents (\$1.50) per square yard.
 - (d) For four-ply, the sum of one dollar and seventy-five cents (\$1.75) per square yard.
 - (e) For five-ply, the sum of two dollars (\$2) per square yard.
 - (f) For six-ply, the sum of two dollars and fifty cents (\$2.50) per square yard.
- Item 16. For waterproofing, brick laid in asphalt mastic, in place, the sum of thirty dollars (\$30) per cubic yard.
- Item 17. For vitrified or cast iron drain pipe, in place, as follows:
 - (a) For twelve (12) inch vitrified pipe, the sum of one dollar and seventy-five cents (\$1.75) per lineal foot.
 - (b) For ten (10) inch vitrified pipe, the sum of one dollar and fifty cents (\$1.50) per lineal foot.
 - (c) For eight (8) inch vitrified pipe, the sum of one dollar and twenty-five cents (\$1.25) per lineal foot.
 - (d) For six (6) inch vitrified pipe, the sum of one dollar (\$1) per lineal foot.
 - (e) For four (4) inch vitrified pipe, the sum of seventy-five cents (\$0.75) per lineal foot.
 - (f) For six (6) inch cast iron pipe, the sum of one dollar and fifty cents (\$1.50) per lineal foot.
 - (g) For four (4) inch cast iron pipe, the sum of one dollar (\$1) per lineal foot.
- Item 18. For tunnel ducts in place as required by section No. 305 of the specifications, the sum of fifteen cents (\$0.15) cents per duct foot.
- Item 19. For riveted steel, painted and erected, the sum of ninety dollars (\$90) per ton of two thousand pounds.
- Item 20. For steel beams and shapes with connections, painted and erected, the sum of eighty dollars (\$80) per ton of two thousand pounds.
- Item 21. For steel rods and bars built in concrete, the sum of sixty-five dollars (\$65) per ton of two thousand pounds.
- Item 25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of seventy-five dollars (\$75) per ton of two thousand pounds.
- Item 26. For wire mesh, in place, the sum of ten cents (\$0.10) per pound.
- Item 27. For one and one-half (1½) inch galvanized iron pipe hand-rail, in place, including expansion bolts, etc., the sum of one dollar and twenty-five cents (\$1.25) per lineal foot.
- Item 28. For steel gratings, for ventilation, in place, including frames, etc., the sum of two dollars and fifty cents (\$2.50) per square foot.

Item 29. For vault lights in place, the sum of two dollars (\$2) per square foot.

Item 30. For street surface restored:

(a) For street surface, except roadways, the sum of three dollars (\$3) per square yard.

(b) For temporary restoration and maintenance of roadways, the sum of three dollars (\$3) per square yard.

Item 32. For wrought-iron or fibre electric conduits, in place, in stations as follows:

(a) For three-fourths (¾) inch wrought-iron conduits, the sum of thirty cents (\$0.30) per lineal foot.

(b) For one and one-half (1½) inch wrought-iron conduits, the sum of forty-five cents (\$0.45) per lineal foot.

(c) For two (2) inch wrought-iron conduits the sum of sixty cents (\$0.60) per lineal foot.

(d) For two (2) inch fibre conduits the sum of fifteen cents (\$0.15) per lineal foot.

Item 33. For cast-iron outlet boxes, in place, in stations, the sum of one dollar (\$1) each.

Item 34. For six (6) inch cast-iron pipe and fittings, including specials "extra heavy" in place, in stations, the sum of two dollars and fifty cents (\$2.50) per lineal foot.

SEWERS—ITEMS 37 TO 74.

Vitrified and Cast-iron Pipe—Items 37 to 43.

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of six dollars (\$6) per lineal foot.

Item 39. For eighteen (18) inch vitrified pipe sewer, the sum of seven dollars (\$7) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe) in place in the work, the sum of fifty dollars (\$50) per ton of two thousand pounds.

Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.

Item 45. For 3 feet six inches by 2 feet 4 inches, the sum of fifteen dollars (\$15) per lineal foot.

SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed, in excess of the number existing), as follows:

(a) For electric railroads, the sum of eighteen dollars (\$18) per lineal foot of single track.

PIPES IN STREETS—ITEMS 77 TO 126.

For Work and Material as Called for by Section No. 71 of the Specification.

Water and Gas Pipes—Items 77 to 108.

Water Pipes—Items 77 to 88.

For water pipes in place, as follows:

Item 78. For 4-inch water pipe, the sum of one dollar and twenty-five cents (\$1.25) per lineal foot.

Item 79. For 6-inch water pipe, the sum of one dollar and fifty cents (\$1.50) per lineal foot.

Item 82. For 12-inch water pipe, the sum of two dollars (\$2) per lineal foot.

Item 84. For 20-inch water pipe, the sum of three dollars (\$3) per lineal foot.

Item 87. For 36-inch water pipe, the sum of four dollars and fifty cents (\$4.50) per lineal foot.

Gas Pipes—Items 89 to 99.

For gas pipes in place, as follows:

Item 89. For 3-inch gas pipe, the sum of one dollar (\$1) per lineal foot.

Item 90. For 4-inch gas pipe, the sum of one dollar (\$1) per lineal foot.

Item 91. For 6-inch gas pipe, the sum of one dollar and twenty-five cents (\$1.25) per lineal foot.

Item 92. For 8-inch gas pipe, the sum of one dollar and fifty cents (\$1.50) per lineal foot.

Item 93. For 10-inch gas pipe, the sum of one dollar and seventy-five cents per lineal foot.

Item 94. For 12-inch gas pipe, the sum of two dollars (\$2) per lineal foot.

New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.

Item 100. For new cast-iron hub and spigot straight pipe delivered on the work, the sum of forty dollars (\$40) per ton of 2,000 pounds.

Item 101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, the sum of seventy dollars (\$70) per ton of 2,000 pounds.

AIR PIPES—ITEMS 121 TO 124.

For air pipe in place, as follows:

Item 122. For eight (8) inch air pipe, the sum of two dollars (\$2) per lineal foot.

Mail Tubes—Items 125 and 126.

Item 125. For 8-inch mail tube in place, the sum of two dollars (\$2) per lineal foot.

Item 126. For new 8-inch mail tube, delivered on the work, the sum of forty dollars (\$40) per ton of 2,000 pounds.

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

(Other than tunnel ducts and street railroad ducts, which are provided for in Items 18 and 75-a.)

Item 127. For electric ducts and conduits in place, as provided in Section No. 71-a of the specifications, the sum of twenty-five cents (\$0.25) per duct foot.

Work Not Susceptible of Classification.

Article 12. In case any work or materials shall be required to be done or furnished in or about the Works—whether specified herein or indicated on the plans or not—which are not susceptible of classification under the Schedule of Unit Prices, the Contractor shall and will if ordered by the Engineer do and perform such work and furnish such materials at and for the actual and necessary net cost in money to the Contractor for labor and for material, where new material is used, and in addition thereto ten per centum (10%) of such net cost for the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material, and the Contractor shall have no further claim in excess of the above; but this method of payment shall not apply to the performance of any work or the furnishing of any material which in part or in whole is susceptible of classification under such schedule, which work or material shall be paid for in part or in whole, as the case may be, at the unit price given in such schedule, except as otherwise herein expressly provided.

In case any work or material shall be required to be done or furnished under the provisions of this Article, for cost plus ten per centum (10%), the Contractor shall at the end of each day during the progress thereof furnish to the Engineer daily time slips showing the name and number of each workman employed thereon, the number of hours employed thereon, the character of work he is doing and the wages paid or to be paid to him and also a daily memorandum of the material delivered on the work showing the amount and character of such material, from whom purchased and the amount paid or to be paid therefor. If required, the Contractor shall produce any books, vouchers, records or memoranda showing the work and materials actually paid for and the actual prices therefor.

Quantities Approximate Only.

Article 13. It is expressly understood and agreed that the quantities of the various classes of work to be done and materials to be furnished under this contract, specified in the Contractor's Proposal, are approximate and only for the purpose of comparing, on a uniform basis, the bids offered for the Works under this contract; and neither the City, nor the Commission, nor any member of the Commission, is to be held responsible that any of the said estimated quantities shall, by reason of inaccuracies, or changes in the Works, be found even approximately correct in the construction of the Works; and the Contractor shall make no claim for anticipated profit, or for loss of profit, because of a difference between the quantities of the various classes of work actually done or materials actually delivered, and the estimated quantities stated in the Contractor's Proposal.

Right of Commission to Amplify Plans.

Article 14. The Commission shall have the right, during the progress of the work, to amplify the plans, to add explanatory specifications and to furnish additional specifications and drawings.

Plans May be Modified.

Article 15. The Commission further reserves the right to change the location and to alter, in any way it may deem necessary for the public interests, the drawings aforesaid, in part or altogether, at any time during the progress of the work, without constituting grounds for any claim by the Contractor for payment or allowance for damages or extra service other than is provided for items of the different classes of construction shown in the schedule, or where not susceptible or classification, then as otherwise provided herein.

Contractor Bound to Complete in Best Manner.

Article 16. The Contractor shall complete the entire work in accordance with the specifications and contract drawings and according to the other provisions of this contract and within the times specified in this contract, in the most workmanlike manner and with the highest regard to the safety of life and property and according to the lines, levels and directions given by the Engineer, for the prices herein agreed upon.

Best Materials, Machinery, Tools, etc., to be Used.

Article 17. The Contractor shall furnish of the best description all materials, machinery, implements, tools and labor necessary to construct and put in complete working order all work covered by the specifications, contract drawings and provisions of this contract, including all additional specifications, drawings and details issued or required as herein provided for the prices hereinbefore agreed upon.

Contractor Has Examined Location, Plans, etc.

Article 18. The Contractor hereby represents that prior to the execution of this contract he has examined in detail on the ground the location mentioned herein and indicated on the plans, and that he has fully examined the plans and has read each and every clause and section of this contract and the specifications, and has had full opportunity to consider the same and make necessary investigations relating thereto; and he agrees that he will not make any claim for, or have any right to, damages or an extension of time for completion of the Works, or any other concession, because of any misinterpretation or misunderstanding of this contract or the specifications or of the plans, or because of any lack of information.

No Acceptance to Obviate the Necessity for Sound Work, etc.

Article 19. No acceptance of any part of the Works or of materials therefor shall relieve the Contractor of his obligation to furnish sound material and perform sound work, whether with respect to such part or to any part of the Works.

Inspection.

Article 20. The Commission contemplates, and the Contractor hereby approves, the most thorough and minute inspection by the Commission and its Engineer, and by their representatives or subordinates, of all work and materials and of the manufacture or preparation of such materials from the beginning of construction to the final completion of the works. It is the intention of the Commission that its Engineer shall draw the attention of the Contractor to all errors or variations from the requirements of this contract or other defects in workmanship or materials. But it is expressly agreed that no omission on the part of the Commission or its Engineer or any officer, member or subordinate of the Commission to point out such errors, variations or defects shall give the Contractor any right or claim against the City or shall in any way relieve the Contractor from his obligations according to the terms of this contract.

Contractor to Afford Facilities for Inspection.

Article 21. The Contractor shall at all times give to the Commission and its members, to the Engineer and his assistants and subordinates, and any person designated by the Commission or its Chairman, all facilities, whether necessary or convenient, for inspecting the materials to be furnished and the work to be done under this contract. The members of the Commission, the Engineer and all employees of the Commission bearing his authorization or the authorization of the Commission or its Chairman, shall be admitted at any time summarily and without delay to any part of the Works or to inspection of materials at any place or stage of their manufacture, preparation, shipment or delivery.

Engineer to be Furnished Facilities.

Article 22. The Engineer shall be furnished with every reasonable facility for ascertaining whether the work is in accordance with the requirements and intention of this contract, even to the extent of uncovering or taking down portions of finished work. Should the work thus exposed or examined prove satisfactory, the uncovering or taking down and the replacing of the covering or the making good of the parts removed shall be paid for at the contract prices for the class of work done; but should the work exposed or examined prove unsatisfactory, such uncovering, taking down, replacing and making good shall be at the expense of the Contractor.

Inspection Not to Relieve Contractor of Obligations.

Article 23. The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his contract as herein prescribed, and defective work shall be made good and unsuitable materials will be rejected, notwithstanding that such work and materials have been previously overlooked by the Engineer and accepted or estimated for payment. If the work or any part thereof, shall be found defective before the final acceptance of the whole work, the Contractor shall forthwith make good such defect, in a manner satisfactory to the Engineer, and if any material brought upon the ground for use in the work, or selected for the same, shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials.

Engineer's Determination to be Final and Conclusive Upon Contractor.

Article 24. To prevent disputes and litigations, the Engineer shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract; shall determine all questions in relation to the Works and the construction thereof, and shall in all cases determine every question which may arise relative to the fulfillment of this contract on the part of the Contractor. His determination and estimate shall be final and conclusive upon the Contractor, and in case any question shall arise between the parties hereto, touching this contract, such determination and estimate shall be a condition precedent to the right of the Contractor to receive any money under this contract.

Engineer to Explain.

Article 25. The Engineer shall make all necessary explanations as to the meaning and intention of the specifications, shall give all orders and directions contemplated therein or thereby and in every case in which a difficult or unforeseen condition shall arise in the performance of the work required by this contract.

Other Contractors.

During the progress of the work it will be necessary for other contractors and persons to do work in or about the construction or equipment of the Railroad. The Contractor shall afford such other contractors or persons such facilities as the Engineer may require.

Differences Between Contractor and Other Contractors.

Any differences or conflicts which may arise between the Contractor and other contractors of the Commission in regard to their work shall be adjusted and determined by the Engineer.

Substitute for Chief Engineer.

Article 26. Any engineer substituted by the Commission in place of the Chief Engineer during his absence, illness or inability or when the Commission shall so determine, shall, during his official connection, have all the power and authority of the Chief Engineer, and in all respects be recognized as such Chief Engineer.

III.—SPECIFICATIONS.

Specifications and Drawings Subject to Requirement of Railroad of Highest Class. Where Text of Contract Doubtful, Best Materials and Workmanship Required.

Section 1. The specifications and contract drawings hereinafter mentioned and taken in connection with the other provisions of this contract, are intended by the Commission to be full and comprehensive, and to show all the work required to be done. But in a work of this magnitude it is impossible either in advance to show all details, or precisely to forecast all exigencies. The specifications and contract drawings are to be taken, therefore, as indicating the amount of work, its nature and the method of construction so far as the same are now distinctly apprehended. The Railroad is intended to be constructed for actual use and operation as an interurban

railroad of the highest class, adapted to the necessities of the people of New York, in the best manner, according to the best rules and usages of railroad construction, and in the event of any doubt as to the meaning of any portion or portions of the specifications or contract drawings, or of the text of the contract, the same shall be interpreted as calling for the best construction, both as to materials and workmanship, capable of being supplied or applied under the then existing local conditions. All the clauses of the specifications, and all the parts of the contract drawings, are, therefore, to be understood, construed and interpreted as intending to produce the results hereinbefore stated.

To Construct in Accordance with Specifications.

Section 2. The Contractor shall construct and complete the Railroad strictly in accordance with the requirements of these specifications; if, in the specifications or contract, any detail or other matter or thing requisite be not mentioned, nevertheless the same is deemed to be included and the Contractor hereby undertakes to do the same as part of the work hereunder, at the unit prices for each class of work where applicable or as provided in Article XII. of the contract.

Maps and Drawings.

Section 3. The contract plans referred to in the contract and specifications bear date June 15, 1910, are each countersigned by the Engineer, are stamped with the seal of the Commission, bear the general title:

Route No. 5, Contract Drawing No., and are designated or numbered as follows:

For Section No. 13, Route No. 5, Drawings as follows:
General Notes; Map and Profile; Nos. A15; B29, B30, B101, B102; C1 to C27, inclusive, C1009, C1010, C401, C1032.

Plans and Contract Drawings.

Section 4. The sections and dimensions shown on the contract drawings are typical sections and dimensions which should be applicable to the greater part of the work. Where, however, changes are deemed necessary they may be ordered under Article XV. of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

Section 5. In addition to the contract drawings already mentioned, the Commission has had prepared a set of maps and plans, bearing the same seal and general title as the contract drawings, but designated as supplementary drawings. These supplementary drawings exhibit certain information which the Commission has received from its Engineer of the nature of the soil underlying portions of the route, the nature and position of elevated and surface railways, water mains, gas and other pipes, sewers, electric subways, manholes, hydrants, catch basins and other surface and subsurface structures.

Supplementary Drawings May be Examined.

Section 6. These supplementary drawings, for each section of the work, can be seen at the office of the Engineer, also samples of material taken in connection with test borings. They are exhibited to the Contractor without any guarantee on the part of the Commission as to their completeness or correctness. The Contractor may have copies (blue prints) of these drawings for one or more of the sections, for such aid, if any, as may be derived from them, on the payment of the cost of printing.

In Case of Difficulties Not Indicated on Supplementary Drawings.

Section 7. If, upon opening the streets by tunneling or otherwise, difficulties of any nature be encountered which are not indicated or suggested by the supplementary drawings, or by the samples of the test borings, or if additional surface or subsurface structures or obstructions be discovered or found of different size or in different positions or of different nature from those shown on the supplementary drawings, or if in any way such supplementary drawings be found erroneous, the Contractor shall take every necessary or proper precaution to overcome the unforeseen difficulty, and is to support, maintain, protect, remove, adjust or re-adjust, as the case may be, the additional or different surface or subsurface structures according to the direction of the Engineer, and as provided in this contract and these specifications.

Specifications Not Exclusive.

Section 8. It is expressly understood that the specifications do not include all requirements, but are requirements in addition to those heretofore or elsewhere given or provided in this contract. The specifications and other provisions of this contract, and the contract drawings, are intended to be explanatory of each other. Should, however, any discrepancy appear or any misunderstanding arise as to the import of anything contained in either, the explanation of the Engineer shall be final and conclusive.

Section 9. These specifications are grouped in subdivisions as follows:

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1—BRIEF DESCRIPTION OF THE WORK.

General Nature.

Section 10. The Rapid Transit Railroad which is hereinbefore described is to be an underground railroad or subway, the general details of construction and the location of the various tracks, junctions, grades, etc., being indicated more particularly on the contract drawings.

Stations to be Constructed.

Section 11. Stations are to be constructed at such places as are indicated on the plans, but station finish work is not included in the work to be done under this contract. Station construction must, however, be kept so advanced that station finish contractors can complete their work coincidently with the completion of the Railroad.

Surface and Subsurface Structures.

Section 12. In addition to the construction of the Railroad, it will be necessary to do various incidental work which is generally referred to in Article X. hereof.

Ventilating Chambers and Gratings.

Section 13. In order to provide for a frequent renewal of air in the Railroad, chambers for the installation of necessary ventilating devices shall be built at the sides of the Railroad and in connection therewith. These chambers shall be generally of the form and dimensions as shown on the plans, varying somewhat with the requirements of local conditions. They will be so arranged that the air will discharge through gratings placed generally in the sidewalks in the roofs of the chambers. If, owing to local conditions, it becomes necessary to lead the air to gratings or other outlets away from the chambers, suitable air-ways, ducts or flues shall be constructed.

The chambers will be built at the places and as indicated on the plans.

Section 14. Other openings with gratings will be built at or over the stations, for the purpose of admitting air to the Railroad.

Section 15. The chambers will be provided with suitable doors or openings, and with ladders reaching to the street for use as exits in case of emergency.

2—GENERAL CLAUSES.

Prevention of Water Percolation.

Section 16. It is the very essence of these specifications to secure a railroad structure underground which shall be free from the percolation of ground or outside water. The mixing and placing of the concrete and the placing and protection of the waterproofing shall be with this end in view.

Best Quality of Work.

Section 17. All materials and workmanship must be of the best class in every respect, and the Engineer is to be the sole judge of their quality and efficiency.

Rapidity and Safety.

Section 18. All the work shall be prosecuted in the manner, according to local conditions, best calculated to promote rapidity in construction, to secure safety to life and property and to reduce to the minimum any interference with abutting property and the public travel. Decking of the streets, paving, or other surface work affecting, or affected by, street traffic shall be prosecuted during such hours as will reduce such interference to a minimum. Night work shall be conducted, in accordance with the directions of the Engineer, so that annoyance to occupants of abutting property shall be reduced to a minimum, and the Engineer may, if in his judgment conditions so require, direct that night work be omitted.

Contract Section Part of System.

Section 19. The contract section embraced in this contract is one of a number of contract sections forming part of an extensive rapid transit railroad system, which the interests of the City imperatively require should be completed and put in operation without delay. If the Contractor shall fail so to prosecute his work that, in the judgment of the Engineer, it shall not be reasonably probable that the work will be completed within the time limited, the Contractor, if directed by the Commission, shall increase the number of shifts and the number of men in each shift as may be necessary to insure the completion of the work within the time required by this contract, or within the shortest possible time thereafter.

Emergencies.

Section 20. In case of emergencies involving danger to life or property, continuous work with an increased force may be ordered by the Engineer for such time as may be necessary.

Permits.

Section 21. No work shall be begun until the Commission shall issue to the Contractor a permit authorizing him to proceed. No permits for excavation will be issued until the Contractor has given satisfactory assurance to the Engineer that the material needed for construction has been acquired and is available. Such permits are to be in such form and to cover such portions of the work as the Commission shall prescribe.

When to be Filed with Borough President.

Section 22. Before any opening is made in the surface of a street, a copy of the permit issued by the Commission shall have been filed with the Borough President not less than five days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section 23. Before commencing work on any part of the route, whether on the Railroad or on the sewers lying off the line of the Railroad, the Contractor shall give notice in writing to the Engineer at least one (1) week in advance of his intention to commence such operations; and before commencing manufacture, or resuming manufacture, if the same has been suspended, of any article called for by these specifications, notice shall be given to the Engineer in writing at least one (1) week in advance, with the name and address of the maker and the amount and description of the material to be manufactured.

Shafts and Dumping Platforms.

Section 24. Plans showing the proposed location, and proposed methods of construction, of shafts, dumping platforms, etc., shall be submitted to the Engineer and receive his approval before permits will be granted for such plant and appliances to be constructed and put in operation.

Ordinances and Regulations.

Section 25. In all operations connected with the Works, all ordinances of the City, and of the Board of Health, so far as they may be valid and operative with respect thereto, and all laws of this State which are now applicable to and control or limit in any way the actions of those engaged in the work or affecting the materials belonging to them, shall be respected and strictly complied with, and the Contractor shall further strictly comply with all applicable Federal, State and Municipal regulations regarding the transportation in and around the City and Harbor of materials used in, or in connection with, the work.

Requirements of Borough President, etc., to be Observed.

Section 26. Whenever the construction of the Works under the provisions of this contract shall interfere with, disturb or endanger any sewer, water pipe, gas pipe, or other duly authorized subsurface structure, the work of construction at such points shall be conducted in accordance with the reasonable requirements of the Borough President or the Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such subsurface structures so interfered with, disturbed or endangered.

Building and Water Permits; Shut-offs for Water Pipes, etc.

Section 27. The Contractor shall procure all permits necessary or requisite for the underpinning of buildings and the reconstruction thereof; he shall, at his own cost, provide for the water supply necessary for his work and he shall bear the cost of the service of inspectors required by any municipal department or other public authority in or about the execution of the work other than the inspectors or the employees of the Commission. He shall bear the expense absolutely necessary in the bagging of gas pipes where it is necessary to cut off the supply of same and of the shutting off and restoration of the flow in water mains where such work applies to the maintenance and support thereof as provided in section 70 of the specifications.

Storage on Cross Streets.

Section 29. No materials of any nature shall be stored along the streets occupied by the Railroad in Manhattan or on 138th street, in The Bronx. On cross streets adjacent to the work, only such material may be stored as may be necessary, in case of an emergency, to sheet or to support the excavation; or a reasonable amount of such structural material as may be absolutely necessary to avoid delay in construction may be stored; such material must not be allowed to accumulate, but must be replenished from day to day. The amount to be so allowed shall be determined by the Engineer.

Material Stored.

Section 30. Excavated sand, gravel or stone that in the judgment of the Engineer is suitable for use in mortar, concrete, or masonry, also structural and other material to be used in the work, may be stored in such locations and for such periods as are approved by the Engineer.

Approval of Engineer Revocable.

Section 31. In any case material may only be so stored with the approval of the Engineer, revocable at any time; and if so ordered, such material shall be removed immediately on receipt of the order, or within a period of time to be therein stated.

Access to Fire Hydrants.

Section 32. Wherever the work is being carried on, free access must be given to every fire hydrant and fire alarm box, and when required hydrants shall be

extended by suitable tube or piping to an accessible point as approved by the Engineer, and to the satisfaction of the Chief of the Fire Department. Materials must not be piled at any time or place within ten (10) feet of any fire hydrant or fire alarm box; and where materials are unavoidably piled or placed in the vicinity of a fire hydrant or fire alarm box, and to such height as to obscure a sight of the same, the position of such hydrant or fire alarm box shall be indicated by suitable signals, both day and night.

Work to be Cleared.

Section 33. At his own expense and as directed from time to time by the Engineer, the Contractor is to clear the work, streets and all public places occupied by him of all refuse and rubbish that may accumulate from any source whatever and leave them in a neat condition.

Assistance to be Rendered to Owners of Buildings.

Section 34. Where access to any adjacent property is temporarily cut off, owing to the occupancy of the street by the Contractor, he must, at his own cost, render every assistance to the owner or occupant in handling such materials of any description, including all material to be removed by the Department of Street Cleaning, that has to be taken to or removed from such property; such material shall be taken to or from the nearest accessible point that in the opinion of the Engineer is convenient for handling.

Waste Material.

Section 35. Waste material of any character will under no conditions be permitted to remain on the streets, but must immediately on its becoming unfit for use in the work be carted away and disposed of by the Contractor as hereinbefore provided; nor shall such materials be allowed to accumulate in the trenches.

Conveniences for Men.

Section 36. Necessary conveniences, properly secluded from public observation, shall be constructed and maintained by the Contractor at his own expense wherever needed for the use of the Contractor's employees, to the satisfaction of the Engineer and the sanitary authorities.

Fences.

Section 37. Wherever necessary the Contractor shall erect and maintain at his own expense fences for the protection of adjoining property and of the adjoining public places.

Advertisements Forbidden.

Section 38. The using of fences and buildings during construction for advertising purposes, other than the name and address of the Contractor, is forbidden; all temporary buildings and fences erected by the Contractor shall be neat in appearance and shall be painted as directed by the Engineer.

Barricades.

Section 39. Barricades and bridges shall be erected by the Contractor at his own cost, for the protection of the work or use of the public; they shall be substantial in character and neat in appearance.

Detailed Drawings.

Section 40. The Engineer will prepare and furnish to the Contractor, from time to time as required, drawings and plans amplifying such details of the contract drawings as may be necessary, and drawings and plans necessary to show the adjustment and reconstruction of all surface and subsurface structures wherever the reconstruction of the same is necessitated by the construction of the railroad. These plans must be strictly followed, unless local conditions should develop, during construction, suggesting changes, when, with the approval of the Engineer, such changes may be permitted.

Working and Shop Drawings.

Section 41. The Contractor shall make all working or shop drawings which may be required in addition to the contract drawings, or in addition to such other drawings as the Commission may issue in amplification of such contract drawings, as explained above. All working or shop drawings shall be submitted in duplicate to the Engineer for his approval, which approval shall be indicated by his countersigning one set of such working or shop drawings and returning the same to the Contractor. Should the working or shop drawings be not approved by the Engineer, then the Engineer shall return one set of such working or shop drawings, with the necessary corrections and changes indicated thereon; and the Contractor must make such corrections and changes, and again submit plans in duplicate for the approval of the Engineer; and no work called for by said working or shop drawings shall be done until the approval of the Engineer be obtained, which must be given or refused within ten (10) working days after delivery to him at his office of such plans in duplicate.

Lines and Grades.

Section 42. During the progress of the work the Commission will give, through the Engineer, to the Contractor, suitable points, marks or benches, indicating the line and grade of the Railroad and of the sewers; such points or bench marks to be established at such intervals as the Engineer deems necessary for the Contractor to be able to perform his work. The principal lines and grades are to be given by the Engineer, who may change them from time to time as may be authorized and directed by the Commission. The stakes and marks given by the Engineer shall be carefully preserved by the Contractor, who shall give to the Engineer all necessary assistance and facilities for establishing benches and plugs for making measurements.

Notice, How Given.

Section 43. When the Contractor is absent from any part of the work where it may be necessary to give instructions, orders will be given by the Engineer to, and shall be received and promptly obeyed by, the superintendent or overseer of the Contractor, who may have charge of the particular work in relation to which the orders are given, and a confirmation in writing of such orders will be given to the Contractor by the Engineer if so requested.

Imperfect Work.

Section 44. Any imperfect construction which may be discovered before the final acceptance of the work shall be corrected immediately on the requirement of the Engineer and at the Contractor's expense, notwithstanding that it may have been overlooked by the proper inspector.

Damaged Work to be Replaced.

Section 45. All work of whatever kind which during its progress and before its final acceptance shall become damaged from any cause, so much of it as may be objectionable shall be broken up or removed and be replaced by good and sound work at the Contractor's expense.

Condemned Materials to be Removed.

Section 46. If any material brought on the ground for use in the work or selected for the same shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials as may be directed by the Engineer.

Competent Men.

Section 47. The Contractor shall employ only competent, skillful and faithful men to do the work. Whenever the Engineer shall notify the Contractor in writing that in his opinion any man on the work is incompetent, unfaithful or disorderly, such man shall be discharged from the work and shall not again be employed on it.

3—MANNER OF PROSECUTION AND MAINTENANCE OF TRAFFIC.

Access to Buildings, etc.

Section 48. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto; and, where streets are open suitable bridges shall be built and maintained, at the Contractor's expense, to permit owners and occupants to reach their premises. Where necessary, proper and easy means for passengers to reach or leave street cars shall be maintained.

Wharves and Docks.

Section 50. For that portion of the route adjoining wharves and docks the work must be so prosecuted as to permit free access to neighboring wharves and docks.

Contiguous Contract Sections.

Section 50-a. On the division line of contiguous contract sections, the Engineer will decide any matters in the details of construction within a limit of ten feet on either side of the line where the work of contractors may be in conflict, and direct which of the contractors shall complete the details of construction within such limits.

Other Portions of the Route.

Section 51. Generally the Contractor will be permitted to conduct its work in the most expeditious manner possible, having due regard for the safety of persons and property and facilities for traffic and under such instructions as the Engineer may give from time to time.

Facilities for Travel.

Section 52. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Decking of Streets and Sidewalks.

Section 53. In order to provide the minimum interference with traffic and the minimum inconvenience to abutting property owners, during the construction of the Railroad, on all parts of the work when the excavation is in trench the streets and sidewalks shall, except as hereinafter specifically provided, be substantially decked or covered over, and every precaution must be taken to keep traffic free from interruption.

Street Intersections.

Section 61. The street intersections, except in cases where open trench excavation without cover is permitted, shall be kept at all times open for traffic for their full width. The street intersections in cases where open trench excavation without cover is permitted must be kept at all times open to traffic for at least one-half the width of the cross roadway, except that cross roadways in which surface railroads are located shall be kept at all times open to traffic for their full width.

Where portions of a street intersection are opened the same shall be substantially and neatly bridged for foot traffic. In all cases the Contractor shall at all times keep all the street crossings on the lines of the sidewalks in a clean and neat condition, bridging gutters and low places where water might collect.

Close Observance of Above Requirements.

Section 62. The Commission will insist upon the close observance of the above requirements, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

Openings for Ventilation.

Section 63. Wherever the excavations are decked, where gas pipes are maintained in service or where gases are liable to accumulate, suitable openings shall be provided for proper ventilation, or the Contractor may maintain services by temporary mains above the street decking.

Temporary Pipes, etc.

Section 64. Temporary pipes, if laid above the street or sidewalk surfaces, shall be neatly and substantially placed, and in a manner to cause the minimum of inconvenience to the abutting property owners and to the public.

In General.

Section 65. In general, work will as provided herein be carried on under covered roadways. In exceptional cases, however, where rock is within a few feet of the street or sidewalk surface, it may be impracticable to operate drills while the street is covered, until a sufficient depth of excavation has been obtained. In such cases such latitude will be allowed the Contractor as may prove absolutely necessary for the execution of its contract, and as the Engineer with the approval of the Commission may deem advisable, after a thorough understanding of the exact conditions and necessities has been determined.

4—STREET RAILROAD TRACKS, MAINS AND OTHER SURFACE OR SUBSURFACE STRUCTURES.

Notice to be Given.

Section 66. Notice is to be given by the Contractor to all companies and the proper City officials, owning or having charge of surface or subsurface structures along any part of the work, of his intention to commence operations along such part of the route, at least one (1) week in advance, and the Contractor shall file with the Engineer at the same time a copy of said notice; and he shall co-operate with the proper officers or officials in charge of such structures and shall furnish them with all reasonable facilities to inspect the methods of caring for their property.

Plans Furnished.

Section 67. In the rearrangement of subsurface structures requiring removal and relaying or reconstruction due to interference with the railroad structure a tentative plan will be made by the Engineer, which will be submitted to the parties interested; if any reasonable changes are then requested by any of the said parties within ten days after the submission of the tentative plan, such changes will then be made, if in the judgment of the Engineer they will best conserve the interest of all parties concerned; a further plan will then be made which, on the approval of the Engineer, will be final.

Reconstruction or Relaying, etc.

Section 68. Whenever it becomes necessary to cut, move, change, or reconstruct any surface or subsurface structures, or connections therewith, such work shall be done according to the reasonable satisfaction of the owners of such pipes or other structures.

Reasonable Dispatch.

Section 69. All work of reconstruction or alteration shall be done with reasonable dispatch, and facilities are to be provided so that said work will interfere as little as possible with the practical working and use of such structures.

Maintenance, Support, etc.

Section 70. The Contractor shall at all times, by suitable bridging or other supports, maintain and support in an entirely safe condition for the usual service and to the reasonable satisfaction of the owners, all surface and subsurface structures encountered during the prosecution of his work. All surface and subsurface structures and surfaces of whatever character along the line of the work shall be protected from injury, but should any injury occur the Contractor shall fully restore such surface or subsurface structures or surfaces to as good a condition as existed before the injury was done. All the above, including also all changes of surface or subsurface structures made by the Contractor for his own convenience in executing his work, shall be done at the Contractor's own expense and included in the prices stipulated in the schedule for excavation except as otherwise herein specifically provided.

Necessary Permanent Changes of Pipes.

Section 71. Changes of water, gas, steam or other pipes made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction of such pipes and their appurtenances in other than the original position, will be paid for at the prices stipulated in Schedule Items 77 to 99, Items 102 to 106, Items 109 to 114, Items 121 and 122, and Item 125. These prices are per lineal foot of pipe laid, including all work, labor and material incidental to such laying, excepting that:

(1) If new pipes have to be provided and are ordered by the Engineer, such new pipes will be paid for in addition to the price paid for laying, etc., at the prices stipulated in Schedule Items 100 and 101, Items 107 and 108, Items 115 to 120, Items 123 and 124, and Item 126, which prices are to cover the cost of the new pipes delivered on the work.

(2) If the pipes in their new locations are outside of the ordered net lines for excavation for the railroad structure, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2a and 3a (which prices shall include all the matters referred to in section 107), and for restoration of street surface, Item 30a and b, but only to the net lines ordered by the Engineer for excavation for such pipe work.

Necessary Permanent Changes of Electric Conduits and Ducts.

Section 71-a. Changes of electric conduits or ducts and their appurtenances found in the streets (other than street railway ducts, payment for which is provided for in Schedule Item 75-a), made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction in other than the original position, will be paid for at the price stipulated in Schedule Item 127. The price per duct foot as provided in Schedule Item 127 is to include the cost of all ducts in place; of all manholes, vaults, service boxes and their appurtenances; of drawing cables and providing new cables where necessary; of the proper restoration of all services that may be affected by the changes in the duct lines; of such excavation and restoration of street surface as may be necessitated by the changes in the duct lines, and all other work and material incidental to and necessary for the completed duct lines.

Surface and Elevated Railroads.

Section 72. The Contractor shall maintain and support, in a manner that will cause the minimum interference with traffic, all surface, subsurface and elevated railroads along the line of or crossing the line of the work.

Surface Railroads.

Section 73. The Contractor shall maintain and support, both temporarily and permanently, in a safe condition all street surface railroads (including steam railroads), including ducts, cables and all other appurtenances of such railroads; he shall rebuild either in their original or in new locations all parts of such surface railroads, including ducts, cables and all other appurtenances of such railroads, whose reconstruction or rebuilding may be necessitated by the construction of the work.

Payment therefor will be at the rates specified in the schedule for electric railroad, Item 75-a, or for horse railroad, Item 75-b, which prices will include the cost of all work incidental thereto. Where permanent masonry supports are required and added, and where additional vaults in excess of the number existing are required and constructed to give equivalent facilities, they will be paid for at the prices given in the schedule for the several classes of work or material applicable thereto.

Elevated Railroads.

Section 74. The Contractor shall maintain and support both temporarily and permanently in a safe condition all elevated railroad structures. Payment therefor will be at the rate specified in Schedule Item 76, which price will include the cost of all incidental work, including the reconstruction and building where necessary of all column foundations and parts of column foundations lying without the net lines of the subway structure.

Subsurface Railroads.

Section 75. The Contractor shall support and maintain both temporarily and permanently in a safe condition all subsurface railroads and their appurtenances. Payment therefor shall be deemed included in the price for excavation, Schedule Items 1, 2 and 3.

Facilities to be Given to Make Extensions.

Section 76. In the event of the owners or the City desiring to make any alteration or extension to their structures, or do any work to or in connection with surface or subsurface structures owned by them or it, at the time the work under this contract is in progress, the Contractor shall give said owners or the City all reasonable opportunity to perform such work; provided such work or alteration for the benefit solely of the owners of subsurface structures does not cause the Contractor any serious loss or delay, as shall be determined by the Commission.

Parks and Parkways, Trees, etc.

Section 77. In any park or parkway, or where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect from injury all such trees or grass plots. For every tree removed, injured or destroyed, the Contractor shall set out a new thrifty tree of the same kind as the tree removed, injured or destroyed, and not less than fifteen (15) feet in height and not less than three and one-half (3½) inches in diameter measured two feet above the surface of the ground, and in such position as the Commissioner of Parks shall indicate. All roads, cross paths, grass plots, shrubbery and other plants removed or affected by the construction of the Railroad, shall be restored as soon as possible to as good a condition as existed before the commencement of the work.

Replanting Under Direction of Park Commissioner.

Section 78. In replanting trees and the replanting of grass plots the Contractor must be governed by the reasonable requirements of the Commissioner of Parks or by other authorities specially charged with the care of these trees or grass plots, and the nature and depth of the soil to be placed therein must be as approved by such authorities and by the Commission.

Payments, How Made.

Section 79. Payment for all work covered by sections 77 and 78 shall be included in the prices paid for Park or Street Surface Restored, Schedule Items 31 or 30.

5-EXCAVATION.

Width of Excavation.

Section 80. Special care must be taken to avoid damage wherever excavation under cover is being done or where open excavation is permitted. The width of such excavation shall not exceed the width actually necessary, in the opinion of the Engineer, for the proper prosecution of the work. All excavations shall be of such width, in addition to that of the Railroad, as shall be necessary, in the opinion of the Engineer, for the proper and expeditious progress of the work, and to permit the laying and readjusting of all sewers, mains, subways and other subsurface structures encountered along the route and contiguous to the Railroad.

Depth of Trenches.

Section 81. Trenches shall be excavated to such depth, both in soft ground and in rock, as may be necessary to permit the laying of such concrete bed or special foundation as may be deemed necessary by the Engineer.

Sides to be Secured.

Section 82. The sides of the excavations shall be secured against slips by suitable sheet piling or sheeting, held in place by braces, shores or walling timbers, special precautions being taken where there is additional pressure, due to the presence of buildings or other structures. Where a movement of the ground might cause the settlement of an adjacent building, the sheeting must be started, if near the building, before the elevation of the bottom of the foundation of the building is reached; if away from the building, at such depth of the excavation as the Engineer may permit; and the excavation must not be made in advance of or below the bottom of the sheeting.

Filling Back of Sheeting.

Section 83. Sheeting shall be driven wherever possible, but when it is placed against the sides of the excavation, the spaces or voids back of the sheeting must be immediately and carefully filled with suitable material to prevent as far as possible the natural ground back of the sheeting from moving.

Buildings Underpinned.

Section 84. To secure adjacent ground or the buildings thereon, or to prevent bringing an unusual pressure on the structure when completed, the Contractor shall secure the sides of the excavation by suitable timbering, and shall safely and permanently underpin adjacent buildings. As part of this obligation the Contractor shall use such methods of construction or underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve.

Payment For.

Section 86. Where underpinning of a building is necessary and the work is done as provided in section 84, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4. The classification as to the number of stories has reference to the number of stories above the surface of the street.

Sheeting.

Section 87. No payment shall be made to the Contractor for sheeting left in the ground or in the work, unless the Engineer shall in writing require it to be left in, in which case payment shall be made to the Contractor for the sheeting so left in as measured by the Engineer, and at one-half the current market price for new material of the same grade, character and dimensions, and without any allowance or payment for placing the same or the expense thereof. This section applies only to the sheeting in trench work.

Timber for Temporary Purposes.

Section 88. All timber used for sheeting, shoring, bracing, decking or other temporary purposes, shall be sound and free from any defects that may impair its strength. It shall be provided, placed and removed at the Contractor's own cost and expense. The top or wearing surface of all decking used for carriages shall be of hard yellow pine, sound, straight and free from all shakes and large loose knots. All sheeting and timber used temporarily shall be put in place by skilled mechanics, keyed tight by wedges where necessary, and so arranged as to be withdrawn readily without endangering the adjoining soil.

Vaults of Abutting Property.

Section 89. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property along the line of the Railroad that are within the ordered net lines of excavation is to be included in earth excavation as provided in section 102, but the restoration of all such walls or other parts of vaults within the ordered net lines of excavation will be paid for at the unit prices specified in the schedule applicable to the several classes of work and material involved in such restoration.

The above is not to be construed, however, as applicable to any work beyond the ordered net lines of excavation, which shall be at the Contractor's own cost and expense.

Vaults Disturbed.

Section 90. Wherever vaults are broken through or otherwise disturbed, the Contractor shall at his own cost and expense erect a temporary partition on or about the building line, or as directed, that will afford proper protection to the owner or occupant of the adjoining premises.

Rock.

Section 91. Ledge rock in place, and boulders within the ordered line of excavation requiring blasting, will be considered as rock excavation.

Preparations for Rock Measurement.

Section 92. Whenever rock is encountered in the trench, it shall be stripped of earth in sections of not less than twenty feet; and the engineer in charge shall be duly notified, in order that he may measure or cross-section the same.

Blasting.

Section 93. Whenever rock or material requiring blasting is encountered in any trench or tunnel, all necessary precautions must be exercised by the Contractor, as required by the ordinances of the City relative to blasting. Explosives shall be used only of such character and strength as may be permitted by the Commission, and the right is reserved for the Engineer to direct that in special cases ordinary blasting powder only, in small charges, shall be used. Blasting shall not be done between the hours of 11 p. m. and 7 a. m. without the express permission of the Engineer, and under such restrictions as he may impose.

Storage of Explosives.

Section 94. No larger quantity of explosives shall be kept on the line of the work than will be actually required for the twelve (12) hours of work next ensuing, and it shall be kept under lock, the key to which is to be only in the hands of the foreman or other equally trustworthy person. The amount of explosives kept in any one place shall not exceed the limit permitted by any ordinance of the City, or as may be determined by the Commission. Caps and exploders shall not be kept in the same place with dynamite and other explosives. During freezing weather, special precautions shall be taken as to the care and manipulation of dynamite.

Near Pipes and Mains.

Section 95. Whenever any pipe or main is encountered in or alongside of the trench, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

General Precautions in Blasting.

Section 96. In rock excavation in the trenches for the Railroad the work must be so regulated as to avoid, as far as possible, shattering the rock beyond the established line for excavation.

Blasting.

Section 97. Generally the central portion of the excavation must, when directed by the Engineer, be kept some distance in advance of the excavation near the sides, and if the rock, owing to its general character and structure, has a tendency to break large, or the strike and dip of the stratification indicate a liability to slip or slide into the excavation, the Contractor must place the drill holes at close intervals on the established lines for excavation, in order to avoid excessive excavation and to preserve the established lines thereof.

Pumping.

Section 98. Whenever water is encountered in trenches, the same shall be removed by bailing or pumping, great care being taken when pumping that the surrounding particles of soil be not disturbed or removed. If necessary to prevent such disturbance, the pumping must be done by a series of driven wells whose points are protected by fine wire cloths, the rate of flow at each well being made so slow as not to remove the particles of soil; or the pumping must be done by other means approved by the Engineer. The delivery from all pumps shall be conducted into the adjacent sewers, and the delivery pipes shall be so arranged as to be readily inspected at all times to ascertain if the water is free from particles of soil.

Carts to be Tight.

Section 99. All carts, buckets or other vehicles used by the Contractor for the removal of material shall be tight and so arranged and so loaded as not to spill over. Whenever a cart, bucket or other vehicle so used is leaky or unsuitable, it shall be immediately withdrawn from the work on notification by the Engineer, or his duly qualified assistant, in charge of that portion of the work.

Removed Expeditiously.

Section 100. Excavated material shall be removed expeditiously and disposed of, in any place selected by the Contractor, subject to the ordinances and regulations of the City authorities governing the disposal of such material, and the regulations of the United States Government as to the disposal or dumping of material in and about or near the Harbor of New York.

When Excavated Material May Be Taken by City.

Section 101. If at any time during the course of construction the City shall desire for city purposes any part of the material excavated, and the cost of such disposal shall not exceed the cost to the Contractor of the method in which he is then disposing of it, the Commission may order such material dumped or turned over to the City at a point designated without cost to the City.

Earth Excavation, Definition Of.

Section 102. Earth excavation includes the excavation of all materials of whatever nature encountered in the trenches, excepting ledge rock in place and boulders requiring blasting.

Excavation in Trenches, How Measured.

Section 103. The net outside width of the railroad structure, as ordered and indicated on the plans, and the depth, also as ordered and as indicated on the plans, will govern as to width and depth in the measurements for payment for excavation. No deduction from the volume of excavation determined as above, will be made on account of basements or cellars in property acquired by the City for the construction of the Railroad or on account of vault space or of spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section 104. There will be no measurement or allowance made nor money paid for excavation outside (below or wider than) the net measurement lines as above indicated, or in rock excavation, for irregularities of surface; and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that for all such matters the Contractor has estimated and allowed in the unit prices of the Schedule.

Change of Street Grade.

Section 105. Where the contract drawings indicate that the grade of any street is to be raised the Contractor shall fill in the street to the changed grade as required, and such work shall be measured and paid for at the price stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

Section 106. Excavation shall be paid for at the price or prices given in Schedule Items 1 and 2 for excavation in earth and Item 3 for excavation in rock.

Prices for Excavation to Include.

Section 107. The prices herein stipulated for excavation, Schedule Items 1, 2 and 3, are to include the cost of the disposal of the materials excavated, of backfilling, of provisions shall be made for keeping the tunnels dry by the use of drains, and by all decking and bridging, of all sheeting and bracing, and of maintaining and supporting of trenches during and after excavation, of all pumping or bailing, and of the maintenance, support, etc., of all surface and subsurface structures of whatever nature, payment for the maintenance and support of which is not herein elsewhere specifically provided for.

6-TUNNELING.

How Lined.

Section 108. All tunnels shall be lined with steel or cast-iron and concrete, or with concrete or brick masonry.

Where tunnels are lined with concrete or brick work without metal tubes, proper other methods as elsewhere provided.

Packing.

Section 109. The space between the extrados of the arch or back of the side-walls and the rock or other materials of excavation, shall be filled with concrete to a height of two feet above the spring line of the arch—above this concrete the space shall be filled with dry masonry packing. Similarly in the tunnel floor, if concrete is used, all loose muck shall, if directed by the Engineer, be removed to the solid rock and the space filled in with concrete up to the bottom line of the section ordered by the Engineer for tunnel excavation and concrete. All such concrete or other packing, being outside of the net section line for excavation as ordered by the Engineer, shall be at the sole expense of the Contractor.

Grout.

Section 110. After the tunnel lining and packing is in place, if required by the Engineer a grout, consisting of one (1) part fine, clean and sharp sand and one (1) part Portland cement, shall be pumped in under pressure, from time to time behind the masonry, so as to completely fill all the voids. Where tunnels are made by the use of a shield, similar grout shall be pumped in to completely fill the space left by the tail piece of the shield as soon as the shield is moved forward.

Payment for Grout.

Section 111. Where grout is ordered and used, it shall be paid for at the price herein provided, Schedule Item 11.

Lines for Excavation.

Section 112. The tunnel, at any place, is to be excavated to the line of the cross-section ordered by the Engineer for that place.

No Payment for Excavation Beyond Ordered Lines.

Section 113. All loose or shaky rock, whose fall or settlement might, in the judgment of the Engineer, produce an unequal or concentrated pressure on the masonry, shall be removed and the space refilled with such class of masonry as the Engineer may require and as provided in Section 109, but no payment will be made for any excavation outside of the cross-section of the tunnel excavation ordered by the Engineer as provided in Section 112.

Blasting.

Section 114. Drilling and blasting must be conducted with all possible care and in such a manner as not to shatter the roof and sides outside of the section lines, as ordered by the Engineer, nor endanger adjoining property.

Drains.

Section 115. All seams carrying water shall be carefully drained, as specified under the clauses relating to drainage.

Precautions Against Settlement.

Section 116. The Contractor must take every precaution, and such precautions as the Engineer may direct, by suitable shields, timbering, lagging or other supports, to prevent any settlement or movement of surrounding ground. Such timber as cannot be drawn without endangering the work or the ground above, shall be left in place and thoroughly surrounded by masonry and grouted.

Timbering.

Section 117. Timbering shall be used wherever necessary to support the materials or to secure the safety of the work or workmen. It will be at the sole expense of the Contractor and included in the contract price for tunnel excavation, Schedule Item 5. Wherever practicable it shall be removed before the concrete lining or concrete or other packing is placed.

Compressed Air.

Section 118. If for the work under the Harlem River and for the approaches thereto or elsewhere on the work a method is adopted requiring the use of compressed air, a plant must be provided of sufficient capacity to insure at all times and under all conditions an ample supply of air to prosecute the work with safety and dispatch, and proper air locks shall be built with safety locks in addition, to provide for the escape of workmen at time of accident.

Methods to Be Approved.

Section 119. All methods of tunneling shall be subject to the approval of the Engineer, and be changed from time to time if, in his judgment, the local conditions so require, and during construction approved methods of ventilation and lighting shall be used.

Tunneling, Payment For.

Section 120. The price per cubic yard, stipulated herein, Schedule Item 5, for Tunnel Excavation, is to cover all expense due to the presence of quicksand or other soft material, rotten rock, boulders, etc.; the cost of all pumping and bailing; of all timbering, and removal of same; of removing all excavated material; of all ventilation and lighting; and of all other work incident to the excavation of the tunnel. Any expense that may arise from loose or shaky rock or from falls or cave-ins, or from any unexpected obstacles, shall be borne by the Contractor. In earth sections the tunnel excavation must be large enough to permit building the masonry to the full required thickness, clear of such timbering and lagging as it may be necessary to build in. As a fair provision for such contingencies, it is assumed that the excavation will extend an average distance of one (1) foot outside the net line in the roof and sides and six (6) inches below the net line in the floor, and measurements for payment in tunnel excavation in earth will be made to those lines. It is distinctly understood, however, that no such allowances or any other allowance in tunnel excavation will be made in connection with timbering in tunnel excavation in rock.

Chambers, Drains, etc.

Section 121. Excavations for chambers, for skewbacks of arches, for sump holes, drains or for any other purpose in the tunnel, are to be measured according to the lines of the cross-sections determined by the Engineer, and paid for by the cubic yard as tunnel excavation.

Additional Enlargement.

Section 122. If after the excavation has been made of a certain size by direction of the Engineer, he is of opinion that the nature of the rock or other material is such that the form and dimensions of the masonry for which said excavation was intended must be increased, he may order an enlargement of the excavation for the purpose of building masonry of greater thickness, and the Contractor is to make such enlargement, which is to be measured according to the lines given by the Engineer, and paid for at the price per cubic yard stipulated in the Schedule for tunnel excavation.

*7—BACKFILLING.**Quality of Material. How Placed.*

Section 128. The trenches at the sides and over the top of the subway and wherever backfilling is necessary, shall be backfilled with sand, gravel or other good clean earth, free from perishable material and from stones exceeding six (6) inches in diameter, and not containing in any place a proportion of stone of or below that size exceeding one (1) part of stone to five (5) parts of earth. The filling shall be compacted by flooding with water or, in cases where flooding with water is not practicable, it shall be compacted by ramming in layers, not exceeding six inches in depth.

Subsurface Structures. Frozen Material Not Permitted.

Section 129. Whenever pipes, sewers, or other subsurface structures are met with, the filling must be carefully packed, rammed and tamped under such subsurface structures, using special tools for the purpose. No filling of trenches with frozen earth will in any case be permitted, nor will any filling be permitted over frozen material.

Sheeting Removed.

Section 130. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, or shall be left in place, as may be directed by the Engineer, and the spaces left by the removal of such material carefully backfilled.

How Paid For.

Section 131. The cost of backfilling is to be included in the prices paid for earth and rock excavation, Schedule Items 1, 2, 2-a, 3 and 3-a.

*8—PILING AND TIMBERING.**Piles.*

Section 132. If, in the judgment of the Engineer, the ground is of such a character as to require piling, the Contractor shall drive such piles as the Engineer

directs. The piles shall be of good, sound pine or spruce, straight and free from shakes; they shall be not less than twelve (12) inches in diameter at the butt end, or less than six (6) inches in diameter at the point, and shall be driven to the satisfaction of the Engineer and by means of a steam hammer driver if so required by him. If necessary the points of the piles shall be protected by proper shoes, and the butts by rings or caps. Piles shall not be spliced unless permitted by the Engineer, and then in such manner as he directs. Piles shall be carefully cut off to the grade given by the Engineer.

Piles Driven in Required Location.

Section 133. Piles shall be driven in the position and manner and to the depth ordered; if driven in a wrong position or injured in any way by driving they must be withdrawn and replaced by others. After being driven they shall be cut off to a true plane for proper adjustment with capping timber or masonry.

Payment for Timber Piles.

Section 134. The price herein stipulated to be paid, per linear foot of timber piles, Schedule Item 12, is to cover the cost of furnishing, driving and preparing the piles ready for the capping timbers or masonry, and the portion cut off and removed will not be included in the length measured for payment. No test piles, guide piles, or piles other than those that are a part of the finished foundation and are included within the net width of the finished foundation will be paid for.

Concrete Piles.

Section 135. If, in the judgment of the Engineer, special conditions so require, piles of reinforced concrete of an approved form of construction shall be used.

Payment for Piles Other than Timber Piles.

Section 136. Payment for piles other than timber piles will be as provided in Article 12 of the contract.

Grillage.

Section 137. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section 138. All foundation timber shall be of pine or spruce, or other timber permitted by the Engineer, sound and free from shakes. It shall be of such dimensions, and laid in such manner, as the special plans to be issued shall require, and held in place by spikes or good seasoned oak or locust treenails.

Foundation Timber, Measurement and Payment.

Section 139. No wastage is to be allowed for, and the estimate of the quantities of foundation timber used will be based on the amount ordered by the Engineer and placed according to his directions. Payment for foundation timber will be as provided in Schedule Item 13.

*9—CEMENT.**Portland Cement.*

Section 140. All cement used in the work shall be true Portland cement, by which is meant the finely pulverized product, resulting from the calcination to incipient fusion of a properly proportioned intimate mixture of argillaceous and calcareous earths or rocks, to which no addition greater than three (3) per cent. has been made subsequent to calcination.

Brand to be Approved.

Section 141. Before any cement is furnished, the brand shall receive the approval of the Engineer. Cement, to be acceptable, shall be of a well-known brand which has been in successful use for large engineering works in America for at least five (5) years, and which has an established reputation for uniform character. Preference will be given to cements which, by their records, show a tendency to maintain high strength of mortar with increased age.

Inspection.

Section 142. Cement shall be subject to inspection at the place of manufacture or on the work, and to such tests as may be ordered by the Engineer. The Engineer or his representatives shall have access at all times and places to inspect the methods of manufacture, storage and protection, and shall have liberty to inspect the daily laboratory records of tests and analyses at the cement works.

Tests.

Section 143. In general, tests will conform to the methods recommended by the Committee on Uniform Tests of Cement of the American Society of Civil Engineers. Unless otherwise directed, samples will be taken at the place of manufacture by a representative of the Engineer, and sent to the Commission's laboratory, where the tests will be made. If required, tests will be made on the individual samples, without intermixing.

Specific Gravity and Color.

Section 144. The cement shall have a specific gravity of not less than 3.10 nor more than 3.25 after being thoroughly dried at a temperature of 212 degrees Fahr. The color shall be uniform, bluish gray, free from yellow or brown particles.

Chemical Analysis.

Section 145. Chemical analyses of cement made from time to time shall show a reasonably uniform composition. Cement shall not contain more than 1.75 per cent. of sulphuric anhydride (SO₃) nor more than 4 per cent. of magnesia (MgO).

Fineness.

Section 146. The fineness of the cement shall be such that it shall leave by weight a residue of not more than eight (8) per cent. on a No. 100, and not more than twenty-five (25) per cent. on a No. 200 sieve; the wires of the sieves being respectively 0.0045 and 0.0024 inch in diameter.

Time of Setting.

Section 147. It shall not develop initial set in less than thirty (30) minutes unless a more quickly-setting cement is specifically required, and shall develop hard set in not less than one (1) hour nor more than ten (10) hours.

Soundness.

Section 148. Pats of neat cement, after remaining one (1) day in moist air, shall be kept in air or water of normal temperature for at least twenty-eight (28) days, or shall be exposed to an atmosphere of steam, above boiling water, in a loosely closed vessel for at least five (5) hours; and the separate parts under any of these conditions, shall remain hard without any indications of checking, cracking, distortion, disintegration or blotching.

Tensile Strength.

Section 149. Neat cement briquettes shall have at the end of one (1) day in moist air a breaking strength, per square inch of sectional area, of not less than one hundred and fifty (150) lbs.; at the end of seven (7) days—one (1) day in air, six (6) days in water—of not less than five hundred (500) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than six hundred (600) lbs. The strength at twenty-eight (28) days shall not be less than at seven (7) days.

Mortar Briquettes.

Mortar briquettes, composed of one (1) part of cement and three (3) parts of standard Ottawa sand, by weight, shall have at the end of seven (7) days—one (1) day in air, six (6) days in water—a breaking strength, per square inch of sectional area, of not less than two hundred (200) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than three hundred (300) lbs. The strength at twenty-eight (28) days shall show an increase of not less than fifty (50) lbs. over the strength at seven (7) days.

Long-time Tests.

Section 150. Tests will be made from time to time extending over longer periods than twenty-eight (28) days. If such tests show a tendency to unsoundness or unusual reduction in strength with increased age, the Engineer shall have the right to prohibit the further use of that brand and to require that another brand be substituted.

Storage During Tests.

Section 151. All cement shall be held in storage to allow ample time for tests to be made before the cement is required for use in the work.

How Contained.

Section 152. Cement shall be packed and delivered in canvas sacks or other strong, well-made packages, plainly marked with the manufacturer's brand, and sealed in an approved manner. The weights of such packages shall be uniform.

Methods of Storing.
Section 153. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, an abundant supply of cement, so as to guard against possible shortage. It shall be stored in a weather-tight building, with a tight floor a proper distance above the ground, and with sufficient floor space to admit of storing each lot of cement, of not more than two hundred (200) barrels, or its equivalent, separately, so as to facilitate identification of each individual lot in case of necessity for further tests or rejection. Cement that has become partially set or otherwise damaged shall not be used.

10—MORTAR.**Cement and Sand. Mixing.**

Section 154. All mortar shall be prepared from accepted cement and clean, sharp sand, approved by the Engineer. These ingredients shall be thoroughly mixed dry in the proportions as specified below; water shall then be added, so as to produce a stiff paste. Water used in mortar, grout or concrete must be clean, fresh water, no salt water being permitted. The mortar shall be freshly mixed for the work on hand, in proper boxes made for that purpose, and no mortar shall be used that has stood beyond such limit of time as may be determined by the Engineer.

How Measured.

Section 155. For purposes of mixture, three hundred and seventy-five (375) pounds of Portland cement shall be estimated at three and one-half ($3\frac{1}{2}$) cubic feet of volume. The proportional parts of sand and stone or gravel shall be by volume as cast into the measuring box. The proportions for brick and stone masonry shall be one (1) part cement to two (2) parts sand; for pointing, one (1) part cement and one (1) part sand; for concrete masonry, as specified under the head of concrete; and for other classes of work, as directed by the Engineer; for grout, one (1) part of cement to one (1) part of fine sand.

11—MASONRY.**Laid in Portland Cement.**

Section 156. All masonry, except as otherwise specified, shall be laid in Portland cement mortar, and shall be built of the forms and dimensions shown on the plans, or as directed by the Engineer from time to time; and the system of joining or bonding ordered by the Engineer shall be strictly followed.

Water Not to Interfere With.

Section 157. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section 158. During freezing weather such masonry only shall be built whose construction, in the judgment of the Engineer, cannot be postponed, except at the cost of delaying the work. The Contractor shall provide such appliances as are necessary for heating the water and the materials used in the masonry according to the specific instructions of the Engineer.

Protected in Freezing Weather.

Section 159. During freezing weather all masonry shall be protected by a suitable covering of salt hay, canvas, tarpaulin or by such material or in such ways as may be necessary to insure it against freezing.

Hot Weather.

Section 160. During hot weather all masonry, especially concrete, shall be kept wet by sprinkling and properly covered until it has become thoroughly set and hardened.

Pointing.

Section 161. Unless otherwise permitted, every joint that is to be pointed shall be raked out, within two days after being laid, to a depth of at least two inches.

Section 162. Pointing of the face joints of masonry shall be thoroughly made with cement mortar mixed in the proportion of one (1) part of cement to one (1) part of sand, except where otherwise specially provided.

Section 163. No pointing shall be done in freezing weather, and masonry laid between December 1 and April 1 shall not be pointed until permitted by the Engineer.

Defective Masonry.

Section 164. Any masonry which is found to be defective from any cause whatsoever, before the final completion and acceptance of the work, must be removed and properly rebuilt, or if damaged during such time must be properly repaired.

Stone Cleaned.

Section 165. All stone before being laid shall be thoroughly cleaned, and washed if so directed by the Engineer.

12—CONCRETE.**How Composed.**

Section 166. The concrete shall be composed of gravel or broken stone, or a mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below.

Sand.

Section 167. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section 168. Stone for concrete shall be sound, clean gravel, or sound, hard, broken limestone, or trap rock, or a mixture of such gravel and broken stone may be used.

Sizes of Stone.

Section 169. Broken stone or gravel for concrete shall be graded from fine to coarse, and that which is all of one size, or practically so, shall not be used. It shall be screened or washed so as to remove all dust, and it shall contain no pieces that will pass through a hole three-eighths ($\frac{3}{8}$) inch in diameter, and no pieces that will not pass through a hole one and one-half ($1\frac{1}{2}$) inches in diameter. Broken stone or gravel for concrete, graded as above, but between three-eighths ($\frac{3}{8}$) and three-fourths ($\frac{3}{4}$) inch in diameter, may be required and used in special parts of the work.

Rubble Concrete.

Section 170. In concrete where the thickness is thirty (30) inches or more, if permitted by the Engineer, the Contractor may twine in the same pieces of sound stone whose greatest diameter does not exceed twelve (12) inches and whose least diameter or thickness is not less than three-quarters ($\frac{3}{4}$) of the greatest diameter. These stones shall be set by hand in the concrete as the layers are being rammed, and so placed that each stone is completely and perfectly imbedded. No two (2) stones shall be within six (6) inches of each other and no stones within four (4) inches of an exposed face, nor shall any such stone be placed nearer than six (6) inches to any metal built in the concrete for reinforcing the same.

Proportions.

Section 171. The proportions of cement, sand and stone (or gravel) used in making concrete shall be as follows:

Section 172. Concrete in floor, sidewalls and roof one (1) part of cement, two (2) parts of sand and four (4) parts of stone. Concrete for tube tunnels under the Harlem River will be as indicated on the plans.

Section 173. Protective concrete outside of waterproofing lines on sides and roof, one (1) part of cement, four (4) parts of sand and eight (8) parts of stone.

Mixing by Machine.

Section 174. Whenever practicable, concrete shall be machine mixed. A rotary machine of a pattern approved by the Engineer, and mixing only one batch at a time, shall be used.

Mixing by Hand.

Section 175. When concrete is mixed by hand the stone or gravel shall be spread on a platform in a bed about six (6) inches thick, and shall be thoroughly wet. Sand shall be spread on a platform and the requisite portion of cement spread on the sand. After thoroughly mixing the latter, the dry mixture thus formed shall be spread evenly over the bed of stone wet as above, and the whole turned over until thoroughly mixed, but not less than two (2) turnings on the mixing board shall be allowed in any case, water being added as necessary. Care shall be taken to keep the bed of concrete wet and avoid piling.

How Laid.

Section 176. Concrete shall be placed immediately after mixing in layers of such thickness as may be directed by the Engineer, and shall be thoroughly compacted

throughout the mass by ramming or spading, special tamping bars or tools being used as approved by the Engineer. The amount of water used in making the concrete shall be as approved by the Engineer. If a small amount of water has been used in mixing, ramming shall be continued until the water flushes to the surface; as a rule, however, concrete shall be placed wet.

Made Smooth to Receive Waterproofing.

Section 177. Concrete to which waterproofing is to be applied shall be made smooth at the time of laying and shall be carefully protected from injury by barricades or otherwise, if necessary, until thoroughly set.

Time for Hardening.

Section 178. Concrete shall be allowed to set for twelve (12) hours, or more, if so directed, before any work shall be laid upon it; and no walking over, or more, upon it shall be allowed while it is setting. Concrete shall not be flooded with water before being thoroughly set.

Rock Surface to be Cleaned.

Section 179. Before laying concrete on rock surfaces the latter shall be swept clean of all debris and dirt, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section 180. Wherever a section of concrete is necessarily left unfinished, leaving a surface which will be hard set before additional concrete is laid, the surface shall be left rough to form a bond with the new work; and if deemed necessary by the Engineer, the joints shall be reinforced with steel bars or dowels, to be furnished by the Contractor.

Joints Cleaned.

Section 181. In all cases of joints of old with new work the old surfaces shall be thoroughly cleaned and wet, and a coating of mortar or cement shall be applied, if required, before placing the concrete.

Forms.

Section 182. Suitable forms shall be provided by the Contractor to support the concrete while being placed in the walls or roofs. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. Before being used they shall be carefully cleaned of cement and dirt in order to provide a perfectly smooth face to the exposed surface of the concrete. The forms shall be made of wood, kept carefully planed; or made of metal sufficiently thick to retain their shape without the use of wood.

Section 183. No forms made of wood, and covered with iron, will be permitted.

Section 184. The forms, if made of wood, shall be made of boards with tight joints, tongued and grooved if required by the Engineer.

Precautions in Placing.

Section 185. Every precaution shall be taken in placing or assembling the forms to do so in such a manner that when removed, after the concrete has been placed, the faces of the concrete that are to remain exposed shall present a smooth and even surface.

Forms, How Set. Forms Removed. Surface Irregularities Corrected. Defective Work Replaced.

Section 186. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape; they shall be thoroughly wet before placing the concrete and shall be removed as soon after the concrete has been placed as in the judgment of the Engineer may be done with safety to the work. Immediately on the removal thereof the faces that will remain exposed shall be carefully examined and any irregularities of the surface corrected; projections shall be removed and voids filled with mortar. If, however, the voids are such as to indicate an excessive loss of mortar, portions of the concrete shall be cut out to the fullness of such defects and the space refilled with a rich concrete or mortar in such proportions and in such manner as the Engineer may direct.

Reinforcement Steel.

Section 187. Where reinforcement steel or wire mesh is used, efficient means shall be provided to maintain it in the exact position it is to occupy in the completed work, and to prevent it from becoming dislodged, or moved in any manner, when concrete is placed.

Surfaces Not to be Painted.

Section 188. The exposed faces of the concrete, excepting within station limits, shall be left with the natural cement finish; therefore, immediately following the removal of the forms, followed by the removal of the projections and the filling of voids as provided above, these entire surfaces shall be rubbed down in such a manner, approved by the Engineer, as will leave a smooth and even surface, the object in view being to obtain a generally smooth finished surface with uniformity in color.

Impervious to Water.

Section 189. It is intended to obtain concrete impervious to water; the concrete shall be mixed and deposited with this end in view, and on the roof of the railroad, if waterproofing is not used, the top surface of the concrete shall be carefully troweled as may be directed in order to add to its imperviousness.

Concrete, How Measured and Paid For.

Section 190. Concrete masonry shall be measured in the work to the prescribed net lines ordered by the Engineer and shall be paid for at the prices in Schedule Items 6 and 7; which prices are to include the cost of all scaffolding, centres, forms, etc., and removing the same, and all work incidental thereto.

Backing or Filling Concrete, Not Paid For.

Section 191. No concrete backing or filling outside of the ordered net lines of excavation will be paid for.
(For Concrete in Sewers, see Sewers.)

13—BRICK MASONRY.**Quality.**

Section 192. Bricks for masonry shall be of the best quality common bricks, burned hard entirely through, regular and uniform in shape and size and of compact texture.

Hollow Terra Cotta Blocks.

Section 193. Hollow terra cotta blocks or bricks may be required in station work, on the outside of walls of the structure or at such other places as the Engineer may direct. They shall be of the best porous terra cotta as approved by the Engineer, and shall be laid in such manner as hereinafter specified or as the Engineer may direct.

How Laid.

Section 194. All brick masonry shall be laid in mortar of the quality above described, except that in exposed locations coloring matter may be added, if required by the Engineer. The bricks shall be laid to line with joints in the face work (except in stations) not exceeding one-quarter ($\frac{1}{4}$) of an inch in the beds, and three-eighths ($\frac{3}{8}$) of an inch on ends; the bricks to be thoroughly wet before laying and to be completely imbedded in mortar under the bottom and on the sides and ends at one operation, care being taken to have every joint full of mortar.

All exterior surfaces shall be smooth and regular.

Cleaned.

Section 195. The inside faces of all arches and other exposed parts shall have all the mortar scraped off and washed clean immediately after the centres have been struck, and shall be pointed and left in neat condition.

No "Bats" or Culls.

Section 196. All bricks of whatever nature shall be carefully culled and if necessary gauged before laying, at the expense of the Contractor. No "bats" shall be used except in large masses of brick-work, where a moderate proportion, to be determined by the Engineer, may be used, but nothing smaller than half bricks.

Racked or Toothed.

Section 197. All unfinished work shall be racked back or toothed, as directed by the Engineer, and before new work is joined to it the faces of the brick in the old work must be scraped entirely clean, scrubbed with a stiff brush and be well moistened.

Special Bricks.

Section 198. Where necessary to make a neat joint in connection with steel frame work, or at corners, curves, or other similar places, special bricks of proper shape shall be furnished and used. All centres and forms shall be made to fit the curves of the work; they shall be put up and removed in a manner satisfactory to the Engineer.

Measurements and Payments.

Section 199. Brick masonry shall be measured to the lines indicated and shown on the plans and as ordered by the Engineer and shall be paid for as herein stipulated in Schedule Item 9, for common brick masonry, and Item 10 for hollow terra cotta brick or tile masonry; these prices are to include the cost of all scaffolding, forms, centres, etc., and the removal of the same, of all plastering and pointing, and of all other work incidental thereto.

14—STONE MASONRY.*Rubble Stone Masonry, Where Used.*

Section 200. Rubble stone masonry will be used for supporting the street railroads over the roof of the railroad where permanent supports are required, or at such other places as the Engineer may require.

How Laid.

Section 201. Rubble stone masonry shall be made of sound, clean stone of suitable size, quality and shape for the work in hand and shall be laid in mortar mixed in the proportion of one (1) part of cement to three (3) parts of sand. All beds and joints shall be well filled with mortar and the work must be thoroughly bonded.

Measurements and Payments.

Section 202. Rubble stone masonry shall be measured in place in the work and to the lines ordered by the Engineer, and it shall be paid for as herein stipulated under Schedule Item 8.

Other Masonry.

Section 203. In case, during the progress of the work, stone masonry of a different class than that specified above shall become necessary and shall be required by the Engineer, the same shall be constructed according to specifications applicable to the best work of such class, and it shall be paid for as provided in Article 12 of the contract.

15—WATERPROOFING.*General Limits of Waterproofing.*

Section 204. In general, waterproofing of the structure will be limited to the roof and sidewalls at the stations, and to those surfaces near ground water or mean high water if ground water level is found for any reason to be below mean high water. At other places free drainage shall be provided by pipe drains, hollow tile or broken stone.

Protecting Masonry.

Section 205. The protecting masonry shall be hollow terra cotta blocks, common bricks or concrete, laid and paid for as herein elsewhere provided, and shall not be less than four inches in thickness.

Laid Against Sheeting.

Section 206. In places where permanent sheeting is placed at the waterproofing line, the waterproofing, if permitted by the Engineer, may be applied against the sheeting.

Surfaces to be Made Smooth.

Section 207. All surfaces to which waterproofing is to be applied shall be made as smooth as possible; on these surfaces there shall be spread either hot melted pitch or asphaltum in a thick layer of uniform thickness; on this layer of pitch or asphaltum shall be laid a treated woven fabric of such material as may be approved by the Engineer; this process shall be repeated until such number of layers as may be required by the Engineer have been placed and a final coat of pitch or asphaltum shall then be applied.

Definition of Term "Ply."

Section 208. The term "ply" as used in these specifications shall mean a layer of treated woven fabric both sides of which shall be coated with pitch or asphaltum at the time of laying.

Number of Ply.

Section 209. The number of plies of waterproofing on the sides at stations shall in no case be less than three (3), except as hereinafter provided where brick laid in asphalt mastic is used.

Brick in Asphalt Mastic.

Section 210. Over the roof of the structure within station limits and over the tracks passing through the stations within said limits, also on the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of bricks to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

Quality of Brick.

Section 211. The quality of brick shall be the same as provided in the specifications under the head of Brick Masonry. The brick shall be properly dried and shall be heated before laying.

Measurements and Payments.

Section 212. Brick in asphalt mastic will be measured in place to the lines ordered by the Engineer, and will be paid for at the price herein stipulated, Schedule Item 16.

Section 213. Six (6) plies of waterproofing may be substituted for brick in asphalt mastic, if approved by the Engineer, and will be paid for as provided for fabric waterproofing.

Asphalt Mastic.

Section 214. Asphalt mastic shall contain one-third ($\frac{1}{3}$) pure bitumen, the other ingredients to be sand and lime dust or cement, in proportions governed by local requirements and weather conditions.

Leaks Stopped.

Section 215. Any masonry that is found to leak at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leak stopped, at the sole expense of the Contractor.

Quality of Pitch.

Section 216. Pitch shall consist of either coal-tar or natural asphalt as the Engineer shall elect; it must be delivered on the work in packages that are plainly marked with the manufacturer's brand, and indicating the grade and quality of the material.

Coal-Tar Pitch.

Section 217. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25) per centum and not more than thirty-two (32) per centum of free carbon, which will soften at approximately 70° F., and melt at 100° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Asphalt.

Section 218. The asphalt used shall be the best grade of Bermudez, lake or other natural asphalt, subject to the approval of the Engineer, and shall comply with the following requirements:

The asphalt shall contain in its refined state not less than ninety-five (95) per cent. of natural bitumen soluble in rectified carbon bisulphide or in chloroform. The remaining ingredients shall be such as not to exert an injurious effect on the work. Not less than two-thirds ($\frac{2}{3}$) of the total bitumen shall be soluble in petroleum naphtha of seventy (70) degrees Baume or in acetone. The asphalt shall not lose more than four (4) per cent. of its weight when maintained for ten (10) hours at a temperature of three hundred (300) degrees Fahrenheit.

Woven Fabric for Waterproofing.

Section 219. The fabric to be used shall be a woven fabric which shall have been treated with pitch or asphaltum before being brought on the work. The fabric and the material used in its treatment shall be approved by the Engineer.

Concrete to be Dry.

Section 220. All concrete shall be dry before waterproofing is attached. If, in the judgment of the Engineer, it is impracticable to have the concrete dry, then there shall be first laid a layer of the treated fabric, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of fabric shall then be counted as one of the required plies.

Each layer of pitch or asphaltum fluxed as directed by the Engineer must completely and entirely cover the surface on which it is spread without cracks or blow-holes.

Fabric for Waterproofing to be Carefully Laid.

Section 221. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that the ends of the rolls of the bottom layers are carried up on the inside of the layers on the sides, and those of the roof down on the outside of the layers on the sides so as to secure a full lap of at least one (1) foot. Especial care must be taken with this detail.

Section 222. When the finishing layer of concrete is laid over or next to the waterproofing material, care must be taken not to break, tear or injure in any way the outer surface of the pitch or asphaltum.

Skilled Labor to be Employed.

Section 223. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section 224. Measurements will be made on the basis of actual area covered by the number of plies ordered, no account being taken of laps, and the waterproofing will be paid for as herein stipulated, Schedule Item 15.

16—STEEL AND IRON.*Open Hearth Process.*

Section 225. Steel shall be made in an open hearth furnace.

Chemical and Physical Properties.

Section 226. The chemical and physical properties of finished material shall conform to the following limits:

Properties.	Structural Steel.	Carbon Rivet Steel.	Steel Castings.
Phos. (Max.)	.04%	.04%	.05%
Sulph.	.05%	.04%	.05%
Mn.	.60%	.60%	.80%
St.	.10%	.10%	.35%
Ult. Str.	60000±4000	50000±4000	65000±(Min.)
Yield Point	55% Ult.	55% Ult.	35000±(Min.)
	1500000	1500000	
Elongation			20% in 2"
Fracture	Ult. Str. Silky.	Ult. Str. Silky.	Fine granular.
Cold Bend	180° flat.	180° flat.	120° (d=3+).

Yield Point.

Section 227. The yield point shall be that strain, beyond which the elongation ceases to be proportional to the weight imposed, and may be indicated by drop of beam. The speed of testing shall be governed by the inspector.

Finish.

Section 228. Sufficient discard shall be made to insure sound material free from piping or excessive segregation. The material shall be finished straight and smooth, and shall be free from all seams or other defects. Any imperfection which may develop during the progress of the work will be sufficient cause for rejection.

Steel Castings.

Section 229. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section 230. The tensile strength, yield point and ductility of the material shall be determined from a standard test piece of not more than two (2) inches in width, and about one-half ($\frac{1}{2}$) square inch in sectional area, cut from a full sized bar, with sides turned or planed parallel so as to give a uniform minimum section for at least nine (9) inches. Whenever practicable the two sides of the test piece shall be left as they come from the rolls, but the finish on opposite sides shall be alike in this respect.

Specimens for Bending.

Section 231. Specimens for bending shall be cut from the material as rolled.

Rivet Rods.

Section 232. Rivet rods shall be tested as rolled.

Steel Castings.

Section 233. For steel castings the test piece shall be turned to a uniform minimum section of one-half ($\frac{1}{2}$) inch diameter, for a length of at least two and one-half ($2\frac{1}{2}$) inches. Specimens for bending shall be one (1) inch by one-half ($\frac{1}{2}$) inch in section.

Ductility Elongation.

Section 234. In determining the ductility, the elongation shall be measured after breaking on an original length as specified, in which length shall occur the curve of reduction each side of the point of fracture.

Where Taken From.

Section 235. For rollers the specimens shall be cut from the finished bar so that the centre of the specimen shall be one inch from the outside of the bar.

Section 236. For steel castings the specimens shall be cut from coupons cast on some portion of a casting from each melt, and shall be annealed with the casting before it is cut off.

Treatment of Test Specimens.

Section 237. The material from which test specimens are cut shall receive the same treatment as the material which it represents in the finished structure.

Number of Tests.

Section 238. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighths ($\frac{3}{8}$) inch or more in thickness is rolled from one melt, a test shall be made from the thickest and from the thinnest material rolled.

Variation in Weight.

Section 239. A variation in weight of any piece of steel of two and one-half ($2\frac{1}{2}$) per centum from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section 240. Each finished piece of steel shall be marked with the melt number, excepting that bars for reinforcing concrete shall be bundled and the melt number stamped on a metal tag attached to each bundle.

WROUGHT IRON.*Double Rolled.*

Section 241. All wrought iron shall be double rolled, and no scrap used in its manufacture. It shall be thoroughly welded in rolling, shall be tough, ductile, and fibrous, and shall be finished straight and smooth. It shall be uniform in quality and free from surface defects.

Method of Testing.

Section 242. The methods specified for testing rolled steel shall apply generally to wrought iron. It shall show by the standard test piece an ultimate strength of fifty thousand (50,000) lbs. per square inch, and a yield point of twenty-six thousand (26,000) lbs. per square inch. It shall bend one hundred and thirty-five (135) degrees with inner radius not to exceed twice the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

CAST IRON.*True to Pattern—Tests.*

Section 243. All castings shall be true to pattern, out of wind and free from injurious imperfections. They shall be of a good quality of tough gray iron made by

the cupola process. Sample test pieces, cylindrical in shape, one and one-quarter ($1\frac{1}{4}$) inches in diameter, and fifteen (15) inches long, cast under the same circumstances as those which attended the casting of the full-sized piece, shall sustain at the centre, when resting upon two dull knife edges twelve (12) inches apart, a load of three thousand (3,000) lbs. with a deflection of at least one-tenth ($1\frac{1}{10}$) of an inch before rupture.

WORKMANSHIP.

Section 244. All workmanship shall be first class. All parts exposed to view shall be neatly finished. All nuts on the finished structure shall be hexagonal.

Rods Deformed Sections.

Section 245. Rods and bars to be used for reinforcing concrete shall be deformed as approved by the Engineer; plain bars will not be used.

Bent Rods and Bars.

Section 246. Bent rods and bars and other bent material shall be bent hot and annealed, except that obtuse bends in material less than one square inch section may be made cold when permitted by the Engineer. The bending shall be done before the material is delivered on the work. Except in special cases, all bends shall be made uniformly to template.

Material Straightened in Shop.

Section 247. All material shall be straightened in the shop before being worked in any way.

Holes Accurately Spaced.

Section 248. All holes shall be accurately spaced and punched. Unfair holes shall be reamed to exact match; drifting to enlarge the holes will not be allowed. Poor matching of holes will be cause of rejection.

Size of Punch.

Section 249. In punching, the diameter of the punch shall not exceed by more than one-sixteenth ($1\frac{1}{16}$) of an inch, the diameter of the rivet to be used, and the diameter of the die shall be as small as may be required to punch a clean hole. When the materials to be sub-punched and reamed, a punch of diameter three-sixteenths ($3\frac{1}{16}$) of an inch smaller than specified above shall be used, and all reaming shall be done after the material is assembled, with twist drills of one-sixteenth ($1\frac{1}{16}$) of an inch greater diameter than the rivet to be used.

Sub-Punching and Drilling.

Section 250. All material over seven-eighths ($7\frac{1}{8}$) of an inch thick shall be drilled from the solid. Material over five-eighths ($5\frac{1}{8}$) of an inch and not exceeding seven-eighths ($7\frac{1}{8}$) of an inch in thickness shall be sub-punched and reamed. All other material may be direct punched.

Sheared Edges.

Section 251. Sheared edges of material exceeding five-eighths ($5\frac{1}{8}$) of an inch in thickness, to be used in main members shall be planed at least one-eighth ($1\frac{1}{8}$) of an inch.

Burrs Removed.

Section 252. All burrs shall be removed, and the members shall have all parts firmly drawn together with bolts before reaming or riveting is commenced.

Riveting.

Section 253. Rivets when driven shall completely fill the holes, and shall be machine driven wherever possible. They shall have full concentric heads or they shall be countersunk when so required. Rivet heads shall not be flattened to less than half the diameter of the rivet on the line of the shank unless countersunk.

Use of Bolts.

Section 254. Generally the use of bolts instead of rivets will not be permitted, but when used in special cases the holes shall be reamed parallel, and the bolts turned to a driving fit.

Templates.

Section 255. All holes for field rivets, excepting those in connections of lateral and sway bracing, shall be sub-punched and accurately drilled to an iron template, or reamed and match marked while the connecting parts are temporarily assembled in the shop. In case of splices of upper chords or other compression members, the abutting members shall be brought to a forcible contact.

Finished Members.

Section 256. Finished members shall be true and free from kinks, twists or open joints. Ends of floor beams and stringers shall be finished square and true.

Rods Upset.

Section 257. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Annealing.

Section 258. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed.

Abutting Surfaces Faced.

Section 259. All abutting surfaces, except flanges of plate girders, shall be neatly planed or faced perpendicular to the direction of the strain, so as to insure even bearings.

Stiffeners.

Section 260. Stiffeners of plate girders shall fit neatly against the flange angles. Web splice plates and fillers under stiffeners shall be cut to fit within one-eighth ($1\frac{1}{8}$) of an inch of flange angles.

Pins and Rollers.

Section 261. Pins and rollers shall be turned accurately to a gauge, and shall be of full size throughout. All pin-holes shall be bored truly and at right angles to the axes of the members to be connected, and shall fit the pins with a play not exceeding one thirty-second ($1\frac{1}{32}$) of an inch.

Bed Plates Planed.

Section 262. Bed plates shall be planed. The bottom of the shoes shall be planed exactly parallel to the centre line unless otherwise shown. The cutting of the planing tool shall be in the direction of the expansion.

Details Boxed.

Section 263. Nuts, bolts, rivets and other details shall be boxed.

Weight Marked.

Section 264. The weight of every piece and box shall be plainly marked upon it.

Inspection.

Section 265. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship, with proper office facilities.

Mill Orders in Triplicate.

Section 266. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled nor work done before the Engineer has been notified so that he may arrange for the Inspector.

Contractor Responsible.

Section 267. The Inspector shall make detailed reports of his inspection to the Engineer and may notify the Contractor of any defects in the material or workmanship, but all acceptances made by him shall be considered temporary, and his inspection shall in no way relieve the Contractor of full responsibility for the character and accuracy of the work until its completion and final acceptance by the Engineer.

Errors in Plans.

Section 268. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Chemical Analysis.

Section 269. Chemical determination of the percentage of carbon, phosphorus, sulphur and manganese shall be made by the manufacturer from a test ingot, so taken, during the casting of each melt of steel, as to fairly represent the melt. Two copies of such analysis shall be furnished to the Engineer or his Inspector.

Check Analyses.

Section 270. Check analyses shall be made, at the discretion of the Engineer, of the finished material or drillings from pieces selected by the Inspector from parts suspected of being most highly segregated. These analyses shall not show a varia-

tion above the ladle analysis of more than twenty-five (25) per centum for phosphorus, nor more than fifty (50) per centum for sulphur. The analyses shall be made by a chemist designated by the Engineer.

Contractor to Make Tests.

Section 271. The Contractor shall furnish, without extra charge, such standard test pieces as may be necessary to determine the uniform quality of the material and also the use of a reliable testing machine, with necessary labor for testing.

Inspector's Office.

Section 272. The Contractor shall furnish for the use of the Inspector a suitably equipped office at the mills and at the shops.

Loading and Shipping.

Section 273. All parts shall be carefully loaded and protected from injuries during transportation by such means as will be satisfactory to the Inspector. After delivery of materials at the work the Contractor will be required to store the same on skids at least twelve (12) inches above the ground and to keep the same in good condition. Any piece showing injurious effects of rough handling at any stage until the final acceptance of the work may be rejected.

Payments for Steel and Cast Iron.

Section 274. The prices to be paid for steel and cast iron are as herein provided in Schedule Items 19, 20, 21, 22, 23 and 24. These prices include the cost of the material delivered and erected in the work, with the exception of Item 23, the placing of which is provided for in Item 22. These prices are to include also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work. The quantity of metal to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders.

Miscellaneous Castings.

Section 275. For other castings, not included in the above and not including castings for sewer work or pipes, payment will be made as provided in Schedule Item 25.

Wire Mesh.

Section 276. Wire mesh, of a character and weight to be approved by the Engineer, is to be furnished and placed around the lower flanges of the roof girders, and at other places as may be required, in order to hold the concrete in place.

Wire Mesh, Payment for.

Section 277. Wire mesh, wherever used, will be paid for as stipulated in Schedule Item 26, which price is to include the material in place and all work necessary and incidental thereto.

17—PAINTING.

Section 278. All metal work, excepting as otherwise herein provided, shall be painted with three coats of paint, including the shop coat, of kind and quality approved by the Engineer. Lead or carbon paint will generally be required.

Shop Coat.

Section 279. All iron shall be scraped free from scale and receive one coat of red lead paint as herein specified before leaving the shops. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops.

Quality of Red Lead.

Section 280. The red lead shall be strictly pure, and shall contain at least 80 per cent. of "true lead" (Pb_2O_3). The color shall be a clean pure tint. The red lead shall be of the fineness that when washed with water through a No. 19 silk bolting cloth, not more than 1 per cent. shall be left on the screen.

Quality of Linseed Oil.

Section 281. The linseed oil must be absolutely pure, fully aged and ripened, well settled oil. It shall be perfectly clear on receipt, and after heating to 212 deg. Fahr. on a current of hydrogen, shall not show a deposit of foots nor a loss of over 0.4 per cent. for raw oil, nor over 0.2 per cent. for boiled oil. The specific gravity at 60 deg. Fahr. for raw oil shall be between 0.932 and 0.937, and for boiled oil between 0.936 and 0.940.

Original Packages.

Section 282. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

Section 283. Red lead paint shall be mixed in the proportion of 500 lbs. of red lead to $5\frac{1}{2}$ gallons of boiled linseed oil, and 11 gallons of raw linseed oil.

Damaged Shop Coat to be Renewed.

Section 284. Where the shop coat has become damaged before or after erection, through any cause whatever, it shall be renewed with the same kind of paint as originally used, such renewal to be considered only as a part of the original shop coat. If the Engineer so directs on members or parts of members buried in concrete the shop coat will be omitted.

Structural Steel and Rods.

Section 285. Structural steel and rods to be imbedded in concrete shall be protected from the weather before being put in place, and shall be cleaned and scales removed but not painted before being incased in the concrete.

Second Coat Carbon Paint.

Section 286. The second coat of paint shall be a carbon paint approved by the Engineer. It shall be applied after erection, but not until the metal has been cleaned from dirt or other objectionable matter that may be found thereon.

Metal to be Cleaned After Erection.

Section 287. After erection the metal shall be thoroughly cleaned of all dirt, rust or scales by stiff wire brushes or sand blasts, as directed, and afterward dusted and thoroughly and evenly painted as described above. No paint shall be applied until the cleaning has been passed upon by an Inspector.

Section 288. Between stations the exposed members shall be given a third coat, which shall be a carbon paint of a color and quality approved by the Engineer.

Third Coat, When Applied.

Section 289. The third or finishing coat shall be applied to all exposed surfaces of the metal after its erection, and after a completion of the masonry or other work; it shall be applied at such time after such completion and before the final acceptance of the work as in the judgment of the Engineer may be advisable. The several field coats shall be sufficiently tinted to be distinctive.

Surfaces in Contact.

Section 290. Surfaces of exposed members inaccessible after erecting shall be cleaned and painted before erecting.

Recesses, etc.

Section 291. All recesses that might contain water, or through which water could enter, must be filled with thick paint or a waterproof cement of ground skins before receiving final painting.

Section 292. All surfaces so close together as to prevent the insertion of a brush, must be painted thoroughly by using a piece of cloth, if necessary.

Rainy or Freezing Weather.

Section 293. No painting in rainy or freezing weather or on wet surfaces will be permitted.

Payments.

Section 294. Payment for painting is included in the prices for steel and iron.

18—DUCTS AND CONDUITS.

Vitrified Ducts—Quality and Size.

Section 295. The ducts to contain cables for transmitting electricity shall be manufactured of the best clay, thoroughly mixed, burned and vitrified, sound in all respects, straight and free from soft spots, stones, cracks or blisters liable to impair their strength or durability; in lengths generally of from eighteen (18) to thirty-six (36) inches, shorter lengths shall only be used as directed; generally in four-way form with circular holes, the least diameter to be three and one-half ($3\frac{1}{2}$) inches; one, two or three-way ducts shall be used in special cases as determined by the Engineer. The interior surface of the holes to be smooth and clear of warts, tits, pits or blisters, which may tend to injure the electric cable in pulling the same through the duct. The ends to be cut smooth and at right angles to the axis of the duct and beveled on inside for three-quarters ($3\frac{1}{4}$) of an inch.

Thickness of Ducts.

Section 296. The outside walls and webs of four-way ducts to be three-quarters ($\frac{3}{4}$) of an inch thick; the outside dimensions of ducts to be not less than nine and one-quarter ($9\frac{1}{4}$) nor more than ten (10) inches, and constructed square on outer lines; the dimensions of single, two-way or three-way ducts shall be consistent with the above.

Ends Combed.

Section 297. The ends of ducts to be combed with two (2) sets of three (3) combings each, each combing to have a width of one-quarter ($\frac{1}{4}$) of an inch and a depth of one-sixteenth ($\frac{1}{16}$) of an inch.

Glaze.

Section 298. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section 299. All ducts to be subject to inspection, both at the place of manufacture and on the work. All rejected ducts to be promptly removed by the Contractor at his expense.

How Laid.

Section 300. The ducts shall be laid in beds of cement mortar about one-quarter ($\frac{1}{4}$) of an inch in thickness, with broken joints and with full bearing. Two (2) strips of thick unbleached muslin six (6) inches wide, and coated with neat cement mortar, shall be used to wrap each joint, the ends of the wrap to lap six (6) inches. The muslin shall be not less than 56 by 60 count, weight not less than four (4) ounces to the yard and width thirty-six (36) inches. In laying the ducts care must be taken to close abutting joints so that practically the end of ducts shall be in contact on all sides. Where ducts are laid on curves, the wraps must be doubled if required, to protect the openings between the ends of the ducts on the outer line of the duct and to exclude all mortar from duct openings.

Mandrels.

Section 301. The ducts shall be laid with a linked mandrel of the length and diameter to be prescribed, the same accurately fitting the duct openings, the mandrel to be left in each duct until the next succeeding duct is laid.

Dowel Pins.

Section 302. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section 303. The ducts shall be so laid that the centre of the holes shall be true to line and grade.

To be Rodded.

Section 304. After the ducts are laid, and sufficient time is given to allow the mortar in beds to partially set, they shall be rodded; all mortar or other foreign matter must be cleaned from the duct openings, leaving a clear and smooth opening. If obstructions are found in rodding the ducts which cannot be removed by cleaners, so as to give a clear and smooth opening of three and one-half ($3\frac{1}{2}$) inches in all duct openings, the ducts shall be removed and relaid; all ducts, during construction and after being rodded, shall be plugged with suitable plugs, to be furnished by the Contractor. If wooden plugs are used they shall be immersed in water for at least eight (8) hours before being put in place.

Measurement and Payment for Vitrified Ducts.

Section 305. Tunnel ducts shall be paid for per duct foot in place at the price herein stipulated for tunnel ducts, Schedule Item 18, which price shall include the cost of furnishing, laying, rodding and all the material and work incidental thereto. The tunnel ducts to be provided under Schedule Item 18 shall include only those intended solely for the purpose of the operation of the Railroad.

Duct Manholes.

Section 306. Duct manholes shall be built at the sides of the railroad in connection therewith and as indicated on the plans. These manholes shall be generally at intervals of about three hundred feet, and shall be on either or both sides of the Railroad as necessary, in accordance with the location of the duct lines. They may vary in form as may be necessary to accommodate the work to local conditions.

Duct Manholes at Stations.

Section 307. Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms, and if found necessary on account of the lengths of stations, additional manholes will be constructed under the platforms.

Section 308. At manholes the ducts will be laid to conform to the special conditions.

Section 309. In all work where iron pipe or fibre conduits are installed for a part of their length in the structure and for another part as open construction, the ends of such runs shall be carried outside of said structure as open construction and shall terminate in outlet or junction boxes located by the Engineer.

Section 310. The iron pipe or fibre conduits required by Section 309 will be built mainly in the walls, roofs or other parts of the stations; portions, however, of the runs will be left exposed, to be covered later by the station finish work.

Quality of Iron Pipe Conduit.

Section 311. All iron conduit used for any purpose in connection with the work herein shall be of the best grade (Galvduct or equal), standard weight wrought iron or steel piping, protected inside and out by a coat of zinc or enamel. It shall be delivered to the work in bundles of full length pipes, each length marked with the trade-mark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten diameters without signs of flaw or fracture in either pipe or enamel.

Installation.

Section 312. All conduit shall be carefully cleaned before and after erection, and all ends shall be reamed free from burrs, and inside surfaces shall be free from all imperfections liable to injure the cable.

Joints Water-tight.

Section 313. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Fibre Conduits, Quality, Laying, etc.

Section 314. All fibre conduit shall be made of impregnated fibre equal to that manufactured by the Fibre Conduit Company of Orangeburg, New York.

It shall be of uniform thickness, having walls of not less than one-quarter ($\frac{1}{4}$) inch and true cylindrical holes not less than two (2) inches in diameter. Lengths shall be not less than five (5) feet, and all ends shall be finished.

All joints shall be made by suitable finished sleeves fitting closely over the ends of the conduit and made water tight by making up with an approved bituminous compound.

After laying, all ducts shall provide a clear, true opening, free from obstructions and imperfections in any way injurious to the wires to be installed. All ducts shall be rodded and cleaned with an approved mandrel not less than one and three-quarter ($1\frac{3}{4}$) inches in diameter and eighteen (18) inches long.

Built in Concrete, etc.

Section 315. Conduits built into concrete or other parts of the structure shall be properly protected and supported, so that the same shall not be injured by the building operations.

Not Built in Concrete.

Section 316. Conduit not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section 317. Bends and offsets may be made in the field if proper tools are used, but in no case shall deformed, split or crushed conduit be erected. Not more than two right angle bends shall be made between any two outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section 318. Measurements for the above iron pipe or fibre conduits shall be per linear foot of single conduit placed in the work—in accordance with the requirements—and payment for the same shall be as herein stipulated in Schedule Item 32.

Section 319. All outlet and pull boxes shall be made of cast iron, with openings threaded for the conduit ends, and conduits shall be screwed into these openings and made up with red lead to effect a water tight joint. Covers shall be of cast iron and water tight, and no other boxes or covers shall be used except under special permission of the Engineer. The price for each cast iron outlet box furnished and placed in the work shall be as herein stipulated in Schedule Item 33.

*19—DRAINS AND PUMPS.**Railroad to be Drained.*

Section 320. Every part of the Railroad, the stations and appurtenances connected therewith, must be arranged so far as possible that any water finding access thereto will be led away automatically to the City sewers.

Section 321. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with sub-drains lying beneath the Railroad and draining into the sewers.

Sub-Drains.

Section 322. Along such parts of the work where the soil is not porous, or where the floor of the Railroad cannot, in the judgment of the Engineer, be used as a conduit, there shall be laid, beneath the rail level and on a continuous descending gradient, drain pipes of vitrified salt-glazed stoneware, of the quality described in these specifications for sewer pipe. These drain pipes shall be of such diameter not exceeding fifteen (15) inches, as the Engineer may direct, and there shall be one (1) such drain for each two (2) tracks. Each drain shall be laid in the concrete or directly in the soil with tight or open joints, as directed, and in such manner and in such position as, in the opinion of the Engineer, local circumstances require.

Connections and Cross Drains.

Section 323. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps, and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Railroad shall be as necessity demands and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron as directed.

Broken Stone for Drainage.

Section 324. On the roof of the Railroad and at other points as may be directed or indicated on the plans, broken stone shall be placed for the purpose of drainage.

Sumps.

Section 325. At the low points of the grade of the Railroad where the same passes below the bottom of adjacent sewers there shall be constructed sumps connected with the subdrains or the floor of the railroad. Such sumps must be water-tight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section 326. Adjacent to each sump a suitable enclosure shall be provided in which two pumps shall be installed, each of which shall have ample capacity to remove all the water entering the sump at that point under ordinary conditions. These pumps shall each have a separate source of power, and shall be arranged to operate automatically. Under this contract the Contractor will only furnish the pump or pumps required and set them in place as directed, including the necessary pipe and drainage connection between the sumps and sewers.

The pumps shall be of the capacity required by the Engineer.

Capacity.

Section 327. If, in the opinion of the Engineer, the service requires it, each of these pumps shall be able to remove from the sump eight hundred gallons per minute.

Delivery to Sewers, etc.

Section 328. The delivery of such pumps shall be into the City sewers, and all piping valves, etc., in connection therewith, shall be installed as a part of this contract.

Payment for Drains, Broken Stone, Pumps, etc.

Section 329. All drains shall be measured in place and the actual net length as laid for each class of drain will be paid for as herein provided in Schedule Item 17. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever such as bends, tees, wyes, hand-holes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Section 330. For broken stone for drainage, furnished and placed, section 324, payment will be made as provided in Schedule Item 14.

Section 331. For pumps, section 326, the Contractor will be paid as provided in Article 12 of the Contract, not including, however, the pipe connections with sumps and sewers, which pipe will be paid for as hereinbefore provided in Schedule Item 17.

Soil Pipes for Stations.

Section 332. It will be necessary to lay soil pipes in the floors and walls of the stations. These pipes are to be cast-iron, "extra heavy." They will be placed in positions as shown on the plans and will be paid for as provided in Schedule Item 34.

*20—SEWERS.**In Accordance with Plans and Specifications.*

Section 333. All sewers and appurtenances shall be built of the materials, of the sizes and dimensions, on the lines and grades, at the depths, with the connections, and in the manner called for by these specifications and shown on the drawings.

Change of Location.

Section 334. If, in the opinion of the Engineer, it is impracticable during the progress of the work to construct any sewers, manholes, or other appurtenances, according to the contract drawings, owing to the presence of unknown subsurface structures or other contingencies, the Contractor shall construct such sewers, manholes or appurtenances in the location given by and according to the directions of the Engineer.

General Clauses Apply.

Section 335. The general clauses in this contract relating to excavation, both in open trench and tunnel, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface and subsurface structures, protection of persons and property, repaving or restoring of the surface of the street or other public places, responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains or pavements, unless specifically amended or exempted, both along the route occupied by the railroad and elsewhere.

No Claims for Damages.

Section 336. Should postponement or delay be occasioned by the precedence of paving or other contracts, which may be either let or executed by the Borough President, Commissioner of Water Supply, Gas and Electricity, or other heads of Departments, either before or after the execution of this contract, on the line of the work, no claims for damages therefor shall be made or allowed; nor shall any claim for damages be made or allowed in consequence of the street or the adjoining sewers not being in the condition contemplated by the parties at the time of making the contract, except that if the Contractor shall be delayed in the performance of his work by reason of the street or the adjoining sewers not being in such condition, an allowance of time may be given for the completion of the work as elsewhere provided in this contract.

Size of Trenches.

Section 337. The trenches for sewers and basin culverts both in earth and in rock, in streets along the route of the railroad, shall have vertical sides and shall not be less than six inches wider than the greatest external width of the sewer or its foundation on the side farthest away from the subway; and in other streets the trenches shall have vertical sides, and shall not be less than six inches wider on each side than the greatest external diameter of the sewer, but shall be not less than three feet in width. They shall be excavated to the depth and to the form of the sewer or its foundation.

Limit of Trench Opening.

Section 338. Not more than one hundred (100) feet of trench in sewers off the line of the railroad shall be opened at any one time in advance of the sewer already completed, unless by permission of the Engineer, and for a distance specified.

Excavation Completed in Advance.

Section 339. The excavation of trenches shall be fully completed a sufficient distance in advance of the laying of the sewer, and the exposed end of the sewer shall in all cases be fully protected.

Trenches for Manholes and Receiving Basins.

Section 340. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the minimum excavation required in earth shall be to the lines of the smallest rectangle enclosing the full dimensions of the exterior of the foundation, and shall have vertical sides to the surface, but it shall, in all cases, be not less than six inches larger than the greatest external dimension of the manhole or receiving basin. In rock excavation, the trench shall be six inches larger than the greatest external dimension of the manhole or receiving basin, or its foundation, and shall have vertical sides to the surface.

Foundations.

Section 341. Where the ground does not afford a sufficiently solid foundation, the trench shall be excavated to such increased depth as the Engineer may deem necessary, and this extra depth, and all other irregularities in the bottom of the trench, shall be filled up to the required level and form, with such material, and in such manner, as the Engineer shall direct. If so directed, piles shall be driven and a timber or reinforced concrete foundation shall be constructed, as elsewhere provided in these specifications, to support the sewer.

Inspection of Grades.

Section 342. When the trench is properly graded, and before laying any sewer, the Contractor shall notify the Engineer, who will, thereupon, cause the grades for the sewer to be tested, and if correct the sewer shall then be laid in the presence of a duly authorized inspector, and no construction work shall be done in his absence.

Trenches to be Kept Free from Water.

Section 343. The trenches shall be kept entirely free from water laid. In no case shall water be allowed to flow over the invert or foundation or through the sewer until the mortar is thoroughly set.

Tunneling.

Section 344. When tunneling for sewers shall be deemed advisable, it shall be done in a manner approved by the Engineer.

Gutter and Passageway to be Kept Open.

Section 345. At all times, gutters shall be kept open for drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Crosswalk, Sidewalk and Roadway to be Kept Clear.

Section 346. Where any crosswalk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section 347. All curb, gutter, flagging, paving and macadam stones, necessary to be removed, which in the judgment of the Engineer are suitable to be used again, shall be stored in such places as the Engineer shall direct, or shall be removed as provided in these specifications; in all cases a passageway on the sidewalks and in the roadway shall be preserved free from needless obstructions.

Flow of Sewers to be Maintained.

Section 348. The Contractor shall provide for the flow of all sewers, drains and water-courses interrupted during the progress of the work, and shall restore and make good all connections, and shall immediately cart away all offensive matter, in such manner and with such precautions as the Engineer may direct. All temporary house connections shall be made by closed iron pipes, with suitable provision for preventing leakage at joints. Wooden troughs for such connections will not be permitted.

Brick.

Section 349. In the construction of brick masonry none but the best quality of common brick burned hard entirely through, regular and uniform in shape and size and of compact texture, shall be used. They shall be culled as they are brought on the ground, and bats and bricks of improper quality are to be removed from the work. A limited number of bats may be used in manholes and closures, and in the outer ring of the sewers where more than two rings of bricks are required.

How Laid.

Section 350. The bricks shall be properly wet immediately before laying. Every brick is required to be laid in a full joint of mortar, made as described in these specifications, on its bed, end and side, at one operation. In no case is mortar to be slushed or grouted in afterward. The bricks shall be neatly and truly laid, every second course to line, and the joints to be carefully struck on the inside.

Racked Back or Toothed.

Section 351. All brick work, as it progresses, shall be racked back in courses, and in no case will it be allowed to be toothed, unless by special permission from the Engineer.

Brick or Stone Inverts.

Section 352. All inverts, or bottom curves, shall be formed from profiles accurately made according to the dimensions of the sewer, and correctly set according to the grades furnished. The masonry shall be allowed to set for twenty-four (24) hours before the arch is turned. Vitrified brick or granite paving blocks shall be used for the inner ring of the invert when required by the Engineer, and whenever so used they must be thoroughly jointed, so as to be water-tight along the inner surface of the sewer. The last course of the invert masonry below the springing line shall be laid as headers.

Brick Arches.

Section 353. The arches or upper curves shall be formed on strong centres of correct form, according to the sizes and shapes required, and keyed with stretchers in full joints of mortar. The extrados of the arch shall be plastered with mortar one inch thick, mixed in the proportion of one part of cement to two parts of sand. The centres shall not be removed or withdrawn in less than thirty-six hours, or until the work is thoroughly set, and until the filling in of the arch is properly put into place to a depth which is at least one foot above the crown of the arch. The centres in all cases shall be struck and not drawn, so as not to crack or injure the work. Should any crack or settlement appear in the arch after the centres are removed, so much of the work as the Engineer may require shall be taken down immediately and replaced.

Spurs.

Section 354. Vitrified or iron sewer pipes or spurs, equal in every respect to those described elsewhere in these specifications, and of a size required by the Engineer, but not less than six inches interior diameter with hubs moulded for house connections, and of sufficient length to project at least four inches beyond the exterior of the sewer, shall be built into the walls of brick sewers and at such an angle as indicated on the plan, or as the Engineer may direct.

How Built In.

Section 355. Spurs shall be built in wherever similar house connections exist in the present sewer which is to be reconstructed under this contract, but in no case shall

the distance be more than 20 feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers under public parks or those crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than 15 feet apart on each side of the sewer or at such frequent intervals as local conditions may require. They shall be set so that their inner ends shall be flush with the inner face of the sewer, at such height in the walls as the Engineer may direct, and each pipe shall be sealed on the outside with an approved earthenware cover set in mortar.

Iron Chair Spurs.

Section 356. Where the sewers to be built under this contract will be at a depth greater than 13 feet below the established grade of the street (or below the surface of the street where final grades have not been established), cast-iron chair spurs, of the design shown on the drawings, not less than six inches in diameter and of the weight of extra heavy soil pipe, shall be used unless otherwise ordered by the Engineer. Where house drains are to be connected to these spurs, extra heavy soil pipe and fittings shall be used for the riser between the spur and the house drain. Where the spurs are provided for future connections, risers of extra heavy soil pipe shall be placed in each spur and shall be brought to a point 13 feet below the established grade of the street, the end of which shall be sealed with an approved cover laid in cement mortar. The joints of this pipe shall be packed, leaded and caulked in accordance with these specifications for laying water mains.

Under Station Platforms.

Section 357. Wherever the sewer shall pass under a station platform or other structure, extra heavy soil pipe shall be laid from the spur to the outside of such station or other structure, brought up to a point 13 feet below the established grade of the street, caulked and sealed as provided above. All pipes passing under such structures shall be laid in concrete.

Concrete Sewers, Form, Dimensions and Materials.

Section 358. If, during the construction of the sewers, it is deemed advisable to interchange concrete and brick, the Contractor may, with the approval of the Engineer, build such sewers of either kind and quality herein specified.

Steel Bars Used if Ordered.

Section 359. Concrete sewers shall be reinforced with steel bars, if so indicated on the plans or directed by the Engineer.

Profiles and Inverted Centres for Inverts.

Section 360. Proper profiles for the concrete inverts shall be set up at the required distances, and the concrete for the bottom and invert of the sewer shall be deposited in place and rammed and worked down to the required shape. The concrete for the bottom and invert, if so directed, shall be placed in alternate lengths extending between every other pair of profiles, so that opportunity may be given to properly work the concrete in place.

Invert to be Protected.

Section 361. The concrete of the invert shall be protected during the progress of the work with planking, or by such other suitable methods as the Engineer shall direct and for so long a time as he may require.

Forms, Moulds, etc.

Section 362. Suitable forms or moulds, of the size and design to be approved by the Engineer, shall be provided by the Contractor to support the concrete of the side walls and roof while the same is being rammed into the permanent work.

Defective Work.

Section 363. If any voids, or irregular or defective work is discovered upon removing the forms or moulds, such voids or work shall be cut out and filled with a rich concrete or mortar mixed in such proportions and of such materials as provided elsewhere in these specifications.

Joints.

Section 364. No joints between different sections of the walls of a sewer shall, in any case, be a straight line, but shall always be stepped or toothed, so as to give a broken joint in the manner to be approved by the Engineer.

Spur Pipes, Branches, etc.

Section 365. In so far as they will be applicable to sewers constructed of concrete, the provisions and requirements for spurs, branches, etc., in brick sewers shall be understood to govern in such construction.

Vitrified Pipe Sewers. Quality of Pipe.

Section 366. Pipe sewers shall be built of vitrified, salt-glazed stoneware pipe, with or without hub, as the Engineer may direct. The pipe shall be of the best quality, thoroughly and perfectly burnt, without warps, cracks or imperfections, well and smoothly glazed over the entire inner and outer surfaces and perfect in shape. The pipe shall be subject to all tests ordered in conformity with any requirements of the Bureau of Sewers, at any time previous to its being used.

Thickness.

Section 367. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, according to the following schedule:

- Six-inch pipes shall be not less than $\frac{5}{8}$ of an inch thick.
- Eight-inch pipes shall be not less than $\frac{3}{4}$ of an inch thick.
- Ten-inch pipes shall be not less than $\frac{7}{8}$ of an inch thick.
- Twelve-inch pipes shall be not less than 1 inch thick.
- Fifteen-inch pipes shall be not less than $1\frac{1}{4}$ inches thick.
- Eighteen-inch pipes shall be not less than $1\frac{1}{2}$ inches thick.
- Twenty-four-inch pipes shall be not less than 2 inches thick.
- Thirty-inch pipes shall be not less than $2\frac{1}{2}$ inches thick.

Lengths.

Section 368. No pipe shall be less than 2 feet in length, and pipes of 12 inches, 15 inches and 18 inches in diameter shall be not less than 3 feet in length.

Curved and Split Pipes.

Section 369. When required, curved pipes shall be furnished and laid, curved to such a radius as may be required or as indicated on the plan of the work. No curved pipe shall exceed 3 feet in length. Split pipes shall be used when found necessary.

Hub and Spigot Pipe.

Section 370. In case the Engineer shall order hub and spigot pipe to be used, the hub shall have a depth of at least three (3) inches from its face to the shoulder of the pipe on which it is moulded, and shall have an interior diameter not less than one (1) nor more than two (2) inches greater than the exterior diameter of the pipe which is to be fitted into it.

Straight Pipe With Collars.

Section 371. In case the Engineer shall order pipes without hubs to be used, it shall be fitted with a collar of the same thickness as the pipe and not less than 5 inches wide. Each collar must have an internal diameter of not less than $\frac{1}{2}$ inch nor more than $1\frac{1}{2}$ inches greater than the external diameter of the pipe to which it is to be fitted.

Spur Pipes.

Section 372. Pipes having spurs not less than 6 inches in diameter with hubs moulded thereon for house connections shall be furnished and laid at such points as indicated on the plan or as directed by the Engineer, and when not immediately used, they shall be sealed on the outside with approved vitrified earthenware covers set in mortar.

Risers.

Section 373. The provisions for risers on brick sewers shall also apply to pipe sewers.

Bends.

Section 374. Bends, siphons and special pipes shall be furnished and laid of the size and forms shown on the plans of the work, or as required.

Pipe Sewers, How Laid.

Section 375. All pipes shall be laid in concrete cradles of the required form and dimensions. The first layer of concrete shall be 4 inches thick, for the full width of the cradle, and after being thoroughly tamped shall be allowed to set for a period of not less than twenty-four hours. Upon the bed thus prepared, the pipe shall be laid true according to the lines and grades furnished. The ends of the pipes shall abut

against each other and in such manner that there shall be no shoulder or unevenness of any kind along the bottom half of the sewer on the inside. Unless otherwise ordered, not less than 15 feet of pipe shall be laid at any one time, in any one length of trench. The remainder of the concrete shall then be put in place and shall be exposed for at least twenty-four hours for inspection, as required for the bottom course.

Joining Hub and Spigot Pipes.

Section 376. When hub and spigot pipes are used, the lower half of each hub shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to one part of sand and of a sufficient thickness to bring the inner surface of the abutting pipes flush and even with the established flow line. After the pipes are fitted, the space between the inside of the upper half of each hub and the outside of the entering pipe shall be filled with cement mortar mixed as above specified, and the outside of the joint shall be thoroughly sealed with the same kind of mortar and the joints carefully wiped inside and outside.

Joining Pipes Without Hubs.

Section 377. When pipe without hubs is used, a collar or ring shall be used at joints and shall lap equally the ends of each abutting pipe. Such collar or ring shall consist of not more than three pieces, the largest of which shall be placed at the bottom.

Spaces Between Pipes Uniform.

Section 378. The space between the ring and the pipes shall be as uniform as possible and shall be thoroughly filled with cement mortar mixed in the proportions specified for hub and spigot pipe. The joints shall be carefully wiped and pointed inside and outside and all mortar that may be left on the inside shall be removed and the inside of the pipe left clean and smooth throughout.

Iron Pipe Sewers.

Section 379. Sewers of iron pipe, of quality and laid in the manner described elsewhere in these specifications for the laying of water mains, shall be laid wherever indicated on the plans or at such places as the Engineer shall direct.

Special Castings.

Section 380. Wherever such pipes are laid under station platforms or through vaults, they shall, when required by the Engineer, be provided with special castings for manholes, which shall be fitted with a cover bolted on so as to make an air-tight joint, according to the plans to be furnished by the Engineer.

Ventilators.

Section 381. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under station platforms or other structures, iron pipe shall be laid from the sewer to the surface of the street and fitted with proper gratings according to the plans to be furnished by the Engineer.

Connections.

Section 382. All existing sewers, culverts, drains and house connections intercepted by the proposed sewers, culverts or receiving basins shall be connected with the new work by proper curves and grades and in such manner as the Engineer shall direct and all drains, basins or culverts rendered unnecessary or becoming disused by the work herein contemplated shall be filled in and made solid with good wholesome earth in the manner directed. Provision shall also be made for the connection of future sewers or basins by constructing brick spurs or inserting vitrified pipe at the points indicated on the contract drawings and at other points as the Engineer may direct. These connections shall be closed with bulkheads not less than 8 inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section 383. All fresh work shall be carefully protected from injury in every way. No wheeling or walking will be allowed on it and any portion injured must be relaid by the Contractor; no walking or working over the pipes after they are laid, except as may be necessary in tamping the earth and refilling, will be allowed until there is at least 2½ feet of earth over them.

Pipes to be Kept Clean.

Section 384. The interior of pipe sewers shall be carefully freed from all dirt, cement and superfluous material of every description as the work progresses, for which purpose a disc, mould or plate, attached to a rod sufficiently long to pass two joints from the end of the pipe last laid, shall be continuously worked through.

Exposed Ends of Pipes to be Protected.

Section 385. The exposed ends of pipe sewers shall, in all cases, be protected with a board or other stopper carefully fitted to the pipe, to prevent earth or other substances from washing in, and in no case shall brick or stone be used for that purpose.

Manholes.

Section 386. The masonry of manholes shall be carried up so that the top of the iron head when set shall be at the level of the established grade of the street at that point or to such height as the Engineer may direct, and from templates correctly made and set at top and bottom, between which not less than eight lines shall be drawn. Where manholes are not built to the established grade of the street, they shall be covered, when necessary, by selected bluestone slabs 8 inches in thickness, to support the manhole heads. All joints shall be neatly struck and pointed on the inside. Each manhole shall be plastered thoroughly on the outside with cement mortar one inch in thickness, mixed in the proportion of one part of cement to two parts of sand.

Foundations.

Section 387. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than 12 inches below the invert elevation of the sewer, except as otherwise indicated on the plan. When foundation additional to that indicated on the plan is required, it shall be built as directed by the Engineer.

Section 388. Sewer pipes shall be built in and trimmed, when necessary, so as to be flush with the inner face of the manhole, and an arch, laid in cement mortar, shall be turned over the pipe.

Vitrified Bricks or Granite Blocks.

Section 389. The invert shall be built of vitrified brick, granite blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section 390. A reasonable number of bats not smaller than half bricks may be used in the construction of manholes or receiving basins, provided all interstices are thoroughly filled with mortar.

Steps.

Section 391. Standard steps of good quality of galvanized wrought iron, of the size, length and shape required for steps, shall be built into the interior sides of all manholes at a distance apart of not more than fifteen (15) inches vertically and they shall be so arranged that the lowest step shall be not more than 2 feet above the bench at the bottom of the manholes nor more than 2 feet above the invert of the sewer where there is no bench. Each manhole head shall be cast with a wrought-iron step on the inside, when directed by the Engineer.

Bluestone.

Section 392. Hammer-dressed bluestone shall be furnished and laid of the form and thickness required as indicated on the plans or as otherwise directed.

Manhole Head and Cover.

Section 393. A cast-iron manhole head and cover of the quality specified for cast-iron, and except in special cases, of the pattern adopted by the President of the Borough in which the work is located, and in dimensions, weight and all other respects satisfactory to the Engineer shall be fitted on a bed of mortar to each of the above-described manholes. Manhole heads and covers which do not conform to these specifications shall be at once removed from the work.

Perforations.

Section 394. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tight-fitting, without perforations.

Weights.

Section 395. Each manhole head and cover shall have its weight distinctly marked upon it with oil paint. The following shall be allowed as the minimum and maximum weights:

Street manhole head, 475 to 500 pounds.
Street manhole cover, 135 to 150 pounds.
Sidewalk manhole head, 300 to 310 pounds.
Sidewalk manhole cover, 100 to 110 pounds.

Noiseless Heads and Covers.

Section 396. When the pavement of the street is asphalt or wooden block, the manhole shall be fitted with a noiseless head and cover, to be approved by the Engineer, where new heads and covers are necessary.

Sealed Manhole Heads and Covers.

Section 397. All manholes in station platforms, vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section 398. Where a sewer crosses under the subway, emergency manholes shall be provided when directed by the Engineer and according to plans to be furnished by him.

Manholes to be Completed.

Section 399. Manholes shall in all cases be fully and completely built and fitted with their covers as the work progresses, and the sewers shall not be laid beyond or in advance of any uncompleted manhole.

Receiving Basins.

Section 400. Receiving basins shall be built as located on the plans or as the Engineer shall direct and in accordance with the plans to be furnished. Each portion of the basin shall be built of the size and materials designated on said drawings and shall be thoroughly plastered, both inside and outside, with cement mortar in the proportion of one part of cement to two parts of sand.

Foundations.

Section 401. The foundations for receiving basins shall be of concrete or masonry of the kind indicated on the plans and shall extend not less than twelve inches below the finished floor of the basin, except as otherwise indicated on the plans. When additional foundation is required, it shall be built as directed by the Engineer.

Stone Flooring.

Section 402. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be finished with cement mortar mixed in the proportion of one part of cement to one part of sand if so directed by the Engineer. The mortar shall be spread, while fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section 403. Where head stone and gutter stone are required they shall be of sound, durable granite of the dimensions indicated on the plan, hammer-dressed to an even surface and cut to the satisfaction of the Engineer. Cast iron basin heads and gutter pieces of the design indicated on the plans shall be set instead of the above when required.

Cast Iron Cover.

Section 404. A cast iron cover of approved pattern weighing not less than eighty nor more than ninety-five pounds shall be fitted to the opening in the head stone.

Grate Bar.

Section 405. A grate bar made according to the plan shall be fastened solidly into the said head stone in the manner indicated.

Cast Iron Trap.

Section 406. A cast iron trap of the form and dimensions indicated on the plan free from imperfections and properly coated with coal pitch varnish shall be furnished and built into place as directed by the Engineer.

Joints.

Section 407. The joints shall be tightly fitted with an oakum gasket or with cement mortar if so directed.

Iron Steps.

Section 408. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section 409. The culvert pipe for connections with sewers shall be 12-inch vitrified pipe unless otherwise indicated on the plan, and of the kind and quality previously described, and shall be laid, in all cases, in a concrete cradle of the form and dimensions required for pipe sewers in accordance with the directions of the Engineer. In case it becomes necessary to connect any basin already built, with the work to be constructed, so much of such culverts as, in the opinion of the Engineer, may be necessary shall be taken up and rebuilt or relaid with vitrified pipe, or brick, as the case may be, in the manner described above and reconnected in a straight line from the basin to the sewer.

Flush Tanks.

Section 410. Automatic flush tanks of a type approved by the Engineer shall be built where indicated on the plans or where directed by the Engineer.

Waterproofing.

Section 411. Whenever, in the opinion of the Engineer, it is necessary to waterproof a sewer, chamber or receiving basin, or their appurtenances, it shall be done as indicated on the plans or as directed by the Engineer and in the manner described elsewhere in these specifications.

Mortar.

Section 412. All masonry shall be laid in Portland cement mortar of the quality described in these specifications. It shall be mixed in the proportion of one (1) part of cement to two (2) parts of sand, excepting as otherwise specially provided.

Concrete.

Section 413. All concrete for sewers shall be made in the proportions of one (1) part of cement to two and one-half (2½) parts of sand and four and one-half (4½) parts of stone of the quality described in these specifications.

Paving.

Section 414. On the completion of each section of one hundred feet of sewer, the sidewalks and roadways shall be restored as provided under the heading of "Street Surface and Park Surface Restored."

Permits for Connections.

Section 415. The Commissioner of Public Works shall have the right to connect any sewer or sewers with the sewers herein described or to grant permits to any person or persons to make connections therewith at any time before it is finally completed, and the Contractor shall not interfere with or place obstructions in the way of such person or persons as may be employed in building such new sewer or sewers or in making such connections. This is not to be construed, however, as permitting the introduction of storm water or sewerage into any sewer being constructed under this contract before its final completion.

Thoroughly Cleaned.

Section 416. During the progress of the work, and until the entire completion and final acceptance thereof, the sewers, drains, basins, culverts and connections shall be kept thoroughly cleaned throughout, and left clean, and the drainage of any old sewer that may be taken up or intercepted shall be provided for and taken care of by the Contractor, all at his own expense.

Payment for Sewers.

Section 417. Payment for sewers will be per lineal foot of sewer complete as herein provided in Schedule Items 37 to 74, both inclusive, except as hereinafter specifically provided. The price for each class of sewer is to include each and every item applicable thereto as herein given in sections 333 to 416 of these specifications and as otherwise provided in the contract and as indicated on the plans; excepting as is hereinafter specially provided.

Excavation.

Section 418. In addition to the price per lineal foot for completed sewer, as above provided, excavation will be paid for at the prices herein stipulated in Schedule Items 2-a and 3-a (which prices shall include all the matters referred to in section 107), on the basis of size of trench stipulated in sections 337 and 340, excepting where the sewer is built by tunneling, in which case tunnel excavation will be paid for at the

price herein stipulated in Schedule Item 5-a (which prices shall include all the matters referred to in sections 117 and 120), on the basis of the net ordered lines of the sewer. Payment for street surface restored shall be as provided in Schedule Items 30-a or b.

Steel Beams and Reinforcing Rods.

Section 419. Where steel beams or reinforcing rods are required and ordered, such beams and rods will be paid for in addition to the price bid for the sewer and at the prices herein stipulated for furnishing and placing such material and all work incidental thereto, in Schedule Item 20 or 21.

Automatic Flush Tanks.

Section 420. Where automatic flush tanks are built as provided in section 410 of the specifications they will be paid for as herein provided in Article 12 of the contract.

Waterproofing.

Section 421. Where waterproofing is required and placed in accordance with section 411 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section 422. Where inverted siphons passing under the subway structure are called for and built, they shall be considered as part of the regular subway construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the schedule and at the prices therein stipulated for such items.

Cast Iron Pipe Sewers, etc.

Section 424. All cast iron pipe sewers wherever built, and the parts, within the limits of the Railroad, or as indicated on the plans, of all other sewers crossing over or under the Railroad, will be paid for in accordance with the various classes of work or material applicable thereto in the schedule and at the prices stipulated therein for such classes of work or material.

House and Drainage Connections.

Section 425. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under sections 422 and 424 will be included in the prices for the several classes of work and material entering into such construction.

21—REQUIREMENTS FOR PIPES.

Generally.

Section 426. Whenever it is necessary to relay any water main, all new material required for the same shall be of the quality and laid in the manner specified below, and subject to the various clauses of these specifications applicable thereto.

Pipes to be Cylinders.

Section 427. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section 428. The hub or socket and the spigot end shall be shaped in exact conformity with the standards of the Department of Water Supply, to be furnished by the Commission, and will be tested by circular gauges.

Section 429. The seat or shoulder of the socket and the end of the spigot shall be straight and even, and at right angles to the axis of the pipe, so as to make a smooth, tight joint. Special care will be required in making the sockets and spigots to conform to the drawings and all pipes will be rigorously inspected at these points. No pipe will be received whose eccentricity at either the spigot or socket ends exceeds one-eighth ($\frac{1}{8}$) of an inch, or whose dimensions differ by more than one-eighth ($\frac{1}{8}$) of an inch from those required.

Section 430. The pipes shall be designated by dimensions of the interior diameter.

Section 431. Bands, lugs, buttons, or ribs shall, if required, be cast on the pipes, of such forms and dimensions as the Engineer may direct.

Length of Pipe.

Section 432. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Section 433. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section 434. The thickness of the pipes, branches and special castings shall correspond with the standards of the Department of Water Supply. The weight for straight pipe shall be approximately as follows:

60-inch pipes, 12,835 pounds each.	20-inch pipes, 2,005 pounds each.
48-inch pipes, 8,270 pounds each.	16-inch pipes, 1,475 pounds each.
42-inch pipes, 6,860 pounds each.	12-inch pipes, 1,015 pounds each.
36-inch pipes, 5,305 pounds each.	8-inch pipes, 580 pounds each.
30-inch pipes, 3,940 pounds each.	6-inch pipes, 415 pounds each.
24-inch pipes, 2,660 pounds each.	

High Pressure Fire System.

Section 435. For high pressure fire system standard spigot and grooves—The weights for straight pipes, with lugs, shall be approximately as follows, in pounds per length:

	Of 3 ft.	Of 4 ft.	Of 6 ft.	Of 12 ft.
8-inch.....	355	420	550	935
12-inch.....	615	745	1,000	1,765
16-inch.....	1,005	1,215	1,635	2,905
20-inch.....	1,475	1,795	2,425	4,320
24-inch.....	2,105	2,585	3,535	6,385

All requirements as to weights, laying, tests, etc., shall be in strict accordance with the standard requirements of the Department of Water Supply, Gas and Electricity.

Section 436. The thickness of the metal of the pipes and special castings will be tested by calipers after the castings have been freed from sand and cleaned.

Variations in Thickness.

Section 437. No pipe will be received when the thickness of metal is less by more than one-twelfth ($\frac{1}{12}$) of an inch than the thickness required by the standards.

Underweight.

Section 438. No straight pipe or casting will be received which weighs less than the weights above mentioned by more than five (5) per cent., for pipes 16 inches or less in diameter, or more than four (4) per cent. for pipes more than 16 inches in diameter. No special casting will be received which weighs less than the standard weight by more than ten (10) per cent. for pipes 12 inches or less in diameter, and eight (8) per cent. for larger pipes.

Straight Pipe Cast Vertically.

Section 439. All straight pipes shall be cast vertically, and all pipes 12 inches or more in diameter shall be cast with the hub end down.

Section 440. All the castings shall be made in such moulding sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

Section 441. All the castings shall have the year in which they are cast, the running number of the castings of the same size and form, the letters D. W. S., and the initials or name of the Contractor, and of the foundry where cast, cast on the outer side in raised letters of not less than two (2) inches in length and one-eighth ($\frac{1}{8}$) of an inch in relief, in such manner as the Engineer may designate; and in case any pipe shall be condemned, the letters D. W. S. shall be erased by the Contractor.

Quality of Cast Iron.

Section 442. The metal of which the castings are to be cast (which shall be remelted in a cupola or air-furnace) shall be pig iron, made without any admixture of cinder iron, or other inferior metal, and shall be of such character as to make a pipe strong, tough and of an even grain, entirely free from uncombined carbon when seen under the microscope, and such as will bear, satisfactorily, drilling and cutting, and shall have a tensile strength of at least sixteen thousand (16,000) pounds to the square inch.

Section 443. The castings shall be free from scoria, sand holes, air bubbles and other defects and imperfections.

Castings to be Clean.

Section 444. The castings shall be perfectly clean and no lumps shall be left on the inner surface of the barrels or sockets, or on the outer surface of the spigot end. The castings shall be subject to hammer inspection. Iron-wire brushes shall be used, as well as softer brushes, to remove the loose dust. No acid or other liquid shall be used in cleaning the castings.

Pipes to be Coated.

Section 445. Every pipe, branch and special casting shall be carefully coated inside and out with coal pitch and oil. Every casting shall likewise be entirely free from rust when the coating is applied. If the casting cannot be dipped immediately after being cleaned, the surface shall be oiled with linseed oil, to preserve it until it is ready to be dipped. No casting shall be dipped after rust has set in.

Pitch.

Section 446. The coal-tar pitch shall be made from coal tar distilled until the naphtha is entirely removed and the material mixed with linseed oil so as to make a smooth, tough and tenacious coating. Pitch which becomes hard and brittle when cold will not answer for this use.

Section 447. Pitch of the proper quality having been obtained, it shall be carefully heated in a suitable vessel to a temperature of three hundred (300) degrees Fahrenheit, and shall be maintained at not less than this temperature during the time of dipping. The material will thicken and deteriorate after a number of pipes have been dipped; fresh pitch shall, therefore, be frequently added, and occasionally the vessel shall be entirely emptied of its old contents and refilled with fresh pitch.

Section 448. Every casting shall attain a temperature of three hundred (300) degrees Fahrenheit, before being removed from the vessel of hot pitch. It shall then be slowly removed and laid on skids to drip.

To be Inspected Before Dipping.

Section 449. No casting shall be dipped until the authorized Inspector has examined it as to cleaning and rust, and subjected it thoroughly to the hammer test. It may then be dipped, after which it will be passed to the hydraulic press to meet the required water test. The proper coating shall be tough and tenacious when cold on the pipes, and not brittle or with any tendency to scale off.

Tests.

Section 450. The castings must be capable of sustaining a pressure, in the hydraulic press, of three hundred (300) pounds to a square inch, and any casting which shows any defect by leaking, sweating or otherwise, will be rejected. This test shall be made at the foundry, and at the expense of the Contractor.

Weighed and Marked.

Section 451. The castings shall be weighed, and the weight distinctly marked on the castings in white paint. The Contractor shall provide at the foundry where the pipes and castings are to be manufactured proper sealed scales and weights for weighing the castings, which shall be done at the expense of the Contractor, under the supervision of the Inspector.

Blocking and Wedges.

Section 452. Each pipe over eight (8) inches inside diameter, unless otherwise ordered, shall be placed on two (2) blocks and four (4) wedges of hemlock timber, the wedges to rest on the blocks and the pipe on the wedges.

Timber for Blocking.

Section 453. The blocks and wedges shall be of sound hemlock timber; 48 and 36-inch pipe shall be laid on blocks 4 feet long, 12 inches wide and 6 inches thick, with wedges 18 inches long, 6 inches wide, 4 inches thick on one end and $\frac{1}{2}$ inch thick on the other; 30 and 24-inch pipe on blocks 3 feet long, 10 inches wide and 5 inches thick, with wedges 15 inches long, 5 inches wide and $3\frac{1}{2}$ inches thick on one end and $\frac{1}{2}$ inch thick on the other end; 12 and 20-inch pipe on blocks 2 feet long, 8 inches wide and 4 inches thick with wedges 12 inches long, 4 inches wide, 3 inches thick on one end and $\frac{1}{2}$ inch thick on the other.

Joints.

Section 454. The spigot end of the pipe shall be inserted into the hub to within from one-fourth ($\frac{1}{4}$) to one-eighth ($\frac{1}{8}$) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and the hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flush with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools, so as to make a water-tight joint.

Lead.

Section 455. The lead to be used shall be of the best quality of pure, soft lead, and in every respect suitable for the purpose.

Notice of Interruption to be Given.

Section 456. In case it becomes necessary to cut any connection with any other main, house or hydrant, or in any way to interfere with the continuous and normal flow of water, due notice shall be sent at least forty-eight (48) hours in advance to the Engineer and to the Commissioner of Water Supply, and the Contractor shall, if so ordered, make a temporary by-pass or other arrangement to preserve the flow of water while breaking connections.

Connections Interfered With.

Section 457. All connections cut, interfered with or injured shall be restored under the directions of the Engineer, without delay and in accordance with the rules and regulations of the Department of Water Supply governing such matters, to a suitable condition as good as existed before commencing work.

Stop Cocks, etc.

Section 458. Stop cocks, boxes, branches, curved pipe and other specials according to the standards of the Department of Water Supply shall be set where necessary.

Section 459. For gas pipes, steam pipes, air pipes, mail tubes and any other pipes not herein enumerated, the standard weights and all other requirements shall be in accordance with the standard specifications and requirements of the several owners of such structures.

22—STREET SURFACE AND PARK SURFACE RESTORED.

Pavement to be Restored.

Section 460. As soon as the structure in any excavation or trench made within a street shall be completed and the trench backfilled, a temporary pavement shall be laid and maintained in a condition satisfactory to the Engineer; and after the earth shall have become, in the opinion of the Engineer, sufficiently settled, the Contractor shall proceed to restore the surface to a condition similar to, and equally as good as, that existing previous to the commencement of construction; except that the Contractor will not be required to permanently restore the pavement of roadways between curb lines, but shall provide a temporary roadway pavement as follows:

Temporary Roadway Pavement.

Section 461. Upon the backfill, placed and compacted as provided under the clauses relating to backfilling, shall be placed a layer of sand, about an inch and a half in thickness, on which shall be laid a pavement of granite blocks carefully laid and rammed to the required finished grade of the street surface. The end and side joints shall be thoroughly filled with sand, and shall not exceed $\frac{1}{4}$ of an inch in thickness. The granite blocks required for this temporary pavement, if found in or under the original pavement, shall be stored at a suitable place until required for use. In case granite blocks are not found in or under the original pavement, they may be obtained by the Contractor, free of cost, from the Bureau of Highways at the corporation yards.

The Contractor shall maintain the temporary roadway pavement thus laid for a period not exceeding six months from the time of its completion in any one block or street intersection. During this period the Contractor shall, without requiring previous notice, readjust or relay any portion of the pavement wherever and whenever a straight edge 3 feet long, laid in any direction, shows a depression of more than $\frac{1}{4}$ inch.

All the requirements as to street surface restored, including temporary roadway pavements, shall apply to the trenches for sewers, pipes or other subsurface structures along or off the line of the Railroad. Within the limits of private property to be taken by the City for the extension of Irving place, these requirements will not apply.

Other Sidewalks May be Laid.

Section 462. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any arrangement with any property owner to lay another style of sidewalk, or other surface covering within curb lines, in place of the sidewalk or other surface covering taken up; in which case the Contractor shall file with the Commission a copy of his contract with such property owner, duly acknowledged in writing by both parties.

In case any property owner desires to lay a sidewalk, or other surface covering within curb lines, affected by this contract, different from the one removed, and shall notify the Commission in writing that he has failed to make satisfactory arrangements for such work with the Contractor, then the Commission, in its discretion, may direct the Contractor to finish and dress off the filling over his work to such grade as the Engineer may select, and further direct him to remove from the area to be restored all material of whatever nature not required to be relaid, and to permit another contractor to lay such sidewalk or other surface covering; in which case the liability of the Contractor under this contract shall cease, as far as that part of his work is concerned, whenever the Engineer shall report to the Commission that the instructions of the Commission have been complied with, exactly the same as if the Contractor had fully completed the restoration as hereinbefore provided.

Payment for Street Surface Restored.

Section 463. Payment for street surface restored will be made as provided in Schedule Item 30-a or b, which prices shall include the cost of restoring all curbs, manhole heads and covers, gratings, vault lights, etc., that formed a part of the original street surface.

Measurements.

Section 464. The measurement for payment for street surface restored will be to the net line of ordered excavation.

Outside of Net Lines.

Section 465. All other pavement outside of the net lines of ordered excavation, either along or off the line of the Railroad, that may have become damaged, directly or indirectly, as the result of the Contractor's operations, shall be restored by the Contractor at his own cost and expense to a condition similar to and equally good as that existing previous to the commencement of construction.

Parks and Parkways.

Section 466. All parks and parkways, including trees, shrubbery, etc., as elsewhere provided in this contract and the specifications, are to be restored to the satisfaction of the Department of Parks.

Measurement.

Section 467. Measurements for park surface restored are to be to the net lines of ordered excavation.

Payment For.

Section 468. Payment for park surface restored will be made at the price provided in Schedule Item 31.

Outside of Net Lines.

Section 469. Any damage done outside of net lines of ordered excavation in connection with the construction of the work to park surfaces or growths, under the jurisdiction of the Department of Parks, shall be restored to the satisfaction of the said Department, and at the Contractor's own cost and expense.

23—VAULT LIGHTS, GRATINGS AND HAND-RAILS.

Vault Lights.

Section 470. The roofs of the stations, where under sidewalks, parks or parkways, shall, to as great an extent as possible, consist of vault light construction. These lights shall be made with lenses, not exceeding three (3) inches in diameter, of strong glass set in cement; they shall be provided with non-slipping treads, buttons or other devices all of design approved by the Engineer; and shall be of sufficient strength to carry, when supported in a manner similar to that in which they are to be permanently set, an equally distributed load of at least five hundred (500) pounds per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer. Should the one selected fail, another will be selected by the Engineer; and, if that fail, then the whole lot may be rejected. The vault lights must be set in place with cement, lead or other means to be absolutely waterproof. Any tests required shall be at the Contractor's expense.

Measurement and Payment.

Section 471. The area for payment for vault lights shall be to lines not exceeding one (1) foot outside of the inner faces of the supporting walls, and the price paid will be as provided in Schedule Item 29, which price shall include all material and work incidental to the completed vault lights in place.

Steel Gratings.

Section 472. Steel gratings shall be provided and placed over fan and other ventilating chambers, over stations and station approaches, at places shown on the plans, or at other places, if required by the Engineer. They will be constructed as shown on the detailed plans for gratings.

Measurement and Payment.

Section 473. Gratings will be measured to the lines as constructed and payment therefor will be made as herein provided in Schedule Item 28, which price shall include the grating in place in the work, all frames and framing, and all incidental work.

Galvanized Iron Pipe Hand-Rails.

Section 474. Galvanized iron pipe hand-rails will be placed in the Railroad over the benches containing the ducts. They shall be securely fastened to the wall of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of hand-rail in place in the work, complete, and at the price as stipulated in Schedule Item 27.

IV.—SECURITY TO BE FURNISHED BY CONTRACTOR.

Security by Contractor. Contractor's Bond.

Article 27. Simultaneously with the execution of this contract the Contractor shall give security for the performance of his obligation by filing with the Comptroller a bond in the form annexed hereto, entitled "Form of Bond," executed by the Contractor and by two or more sureties to be corporations or persons approved by the Commission in the sum specified in the Invitation to Contractors for the section embraced in this contract. In case any of the sureties upon the bond shall become insolvent or unable in the opinion of the Commission to pay promptly the amount of such bond to the extent to which such surety might be liable, then the Contractor within ten days after notice by the Commission to the Contractor shall, by supplemental bond or otherwise, substitute another and sufficient surety to be approved by the Commission in place of the surety so insolvent or unable. If the Contractor shall fail, within such ten days or such further time as the Commission may grant, to substitute another and sufficient surety, then the Contractor shall, for all the purposes of this contract, be deemed to be in default in the performance of his obligations hereunder and upon the said bond, and the Commission may terminate the contract or may bring any proper suit or proceeding against the Contractor and the sureties, or either of them, or may require to be deducted from any moneys then in, or thereafter coming into, the hands of the City and due to the Contractor the amount for which the surety insolvent or unable as aforesaid shall have justified on the bond; and the moneys so deducted shall be held by the Comptroller as collateral security for the performance of the condition of the bond.

V.—PAYMENTS TO CONTRACTOR.

Partial Payments.

Article 28. In order to assist the Contractor to prosecute the work advantageously, the Engineer shall, from time to time, as the work progresses, but not oftener than once a month, make in writing an estimate, such as in his opinion shall be just and fair, of the amount and value of the work done and materials incorporated in the work by the Contractor according to the terms of this contract (but it is understood that in making such estimates the Engineer shall not necessarily be governed by the unit prices contained in the Contractor's proposal), provided, however, that estimates may at any time be withheld or reduced, if, in the opinion of the Engineer, the work is not proceeding in accordance with the contract. The first such estimate shall be of the amount and value of the work done and materials incorporated in the work since the Contractor commenced the performance of this contract on his part. Every subsequent estimate except the final estimate shall be of the amount and value of the work done and materials incorporated in the work since the last preceding estimate was made, provided, however, that no such estimate shall be required to be made when, in the judgment of the Engineer, the total value of the work done and materials incorporated in the work since the last preceding estimate amounts to less than ten thousand dollars (\$10,000). The Engineer shall further include accepted structural iron and steel delivered on the site of the work, but not incorporated in the work, at the rate of forty dollars (\$40) per ton of two thousand pounds. But the quantity of such structural iron and steel included in any partial estimate shall not exceed the quantity of such material, as determined by the Engineer, required for the ensuing six months, and any material included in a partial estimate which may subsequently become unsatisfactory shall be deducted from succeeding partial estimates. No materials not incorporated in the work, excepting such structural iron and steel, and none of the Contractor's plant shall be included in partial estimates.

Not by Strict Measurement.

Article 29. Such estimates shall not be required to be made by strict measurement, but they may be made by measurement or by estimation, or partly by one method and partly by the other, and it shall be sufficient if they are approximate only.

Vouchers.

Article 30. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify a voucher for ninety per cent. of the amount stated in such estimate or certificate to be the value of the work done and materials furnished, and the City shall within thirty (30) days after the date of the certification of such voucher by the Commission pay the same; provided, however, that the City may at all times reserve and retain from said partial payments, or any of them, in addition to the ten per cent. above mentioned to be retained and reserved, any sum or all sums which by the terms hereof, or of any law of the State of New York passed prior to the date hereof, it is or may be authorized to reserve or retain.

Final Estimate.

Article 31. Whenever, in the opinion of the Engineer, the Contractor shall have completely performed this contract on his part, the Engineer shall so certify, in writing, to the Commission, and in his certificate shall state, from actual measurements, the whole amount of work done by the Contractor, and also the value of such work under and according to the terms of this contract. On the expiration of ninety (90) days after the acceptance by the Commission of the work herein agreed to be done by the Contractor, and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller, signed by the Engineer and the Commission, the City shall pay to the Contractor the amount remaining after deducting from the amount or value stated in the last-mentioned certificate, all such sums as shall theretofore have been paid to the Contractor under any of the provisions of this Contract, and also any sum or all such sums of money as by the terms hereof the City is or may be authorized to reserve or retain; provided, that nothing herein contained shall be construed to affect the right, hereby reserved, of the Commission to reject the whole or any portion of the aforesaid work, should the said certificate be found, or known to be, inconsistent with the terms of this contract, or otherwise improperly given. All prior certificates upon which partial payments may have been made, being merely estimates, shall be subject to correction in the final certificate, which final certificate may be made without notice thereof to the Contractor, or of the measurements upon which it is based.

Interest in Case of Delayed Payments.

Article 32. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article 30, in the case of partial payment, or Article 31, in the case of final payment, the City shall pay the Contractor interest on such amount at the rate of four and one-half ($4\frac{1}{2}$) per cent. per annum for the period of such delay; it being understood that such payments of interest, if any, are to be in lieu of any claim of the Contractor for alleged damages for breach of contract or otherwise in case of delayed payments. The term for which interest shall be paid shall be reckoned, in the case of a partial payment from the thirtieth day after the certification of such voucher by the Commission, and in case of a final payment from the ninetieth day after the acceptance of the work by the Commission, to the date of payment of the voucher. The date of payment of a voucher shall be considered the day on which the voucher is ready for payment as evidenced by the records of the Department of Finance. If interest shall become due on any partial payment the amount thereof, as determined by the Commission, shall be added to a succeeding payment. If interest shall become due on a final payment it shall be paid on a supplementary voucher prepared by the Commission and forwarded to the Comptroller for payment in the usual manner.

No Estoppel.

Article 33. The City shall not, nor shall any Department or officer thereof, be precluded or estopped by any return or certificate made or given by the Commission, any Engineer, or other officer, agent or appointee thereof under any provision of this contract, from at any time either before or after the final completion and acceptance of the work and payment therefor pursuant to any such return or certificate, showing the true and correct amount, quality and character of the work done and materials furnished by the Contractor or any other person under this agreement, or from showing at any time that any such return or certificate is untrue and incorrect or improperly made in any particular, or that the work and materials, or any part thereof, do not in fact conform to the specifications; and the City shall not be precluded or estopped, notwithstanding any such return or certificate and payment in accordance therewith, from demanding and recovering from the Contractor such damages as it may sustain by reason of his failure to comply with this contract or the specifications.

No Waiver.

Article 34. Neither the acceptance of the Commission or its Engineer, or any of its employees, nor any order, measurement or certificate by the Engineer, nor any order by the Commission for payment of money, nor any payment for, nor acceptance of the whole or any part of the work by the Engineer or the Commission, nor any extension of time, nor any possession taken by the Commission, or its employees, shall operate as a waiver of any portion of this contract or of any power herein reserved to the Commission, or any right to damages herein provided; nor shall any waiver of any breach of this contract be held to be a waiver of any other or subsequent breach.

Final Payment to Terminate Liability of City.

Article 35. The acceptance by the Contractor of the last payment aforesaid shall be and shall operate as a release to the City, from all claim and liability to the Contractor for anything done or furnished for, or relating to, the work, or for any act or neglect of the Commission, the City or of any person relating to or affecting the work, except only the claim against the City for the remainder, if any there be, of the amounts kept or retained as provided in this contract.

Contractor's Claims for Damage. Statements of Damage to Be Filed With Engineer.

Article 36. If the Contractor shall claim compensation for any damage sustained by reason of the acts of the Commission, or its agents, he shall, within ten days after the sustaining of such damage, make a written statement of the nature of the damage sustained to the Engineer. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer, an itemized statement of the details and amount of such damage, and, unless such statement shall be made as thus required, his claim for

compensation may be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage.

Lien Law.

Article 37. If at any time before or within thirty days after the whole work agreed herein to be performed and all the labor and material herein agreed to be delivered have been performed or delivered or completed and accepted by the City any person or persons claiming to have performed any labor or furnished any material toward the performance or completion of this contract shall file with the Commission and with the Comptroller of the City any such notice as is described in the Lien Law, the City shall retain until the discharge thereof from moneys under its control so much of such moneys as shall be sufficient to satisfy and discharge the amount in such notice claimed to be due, together with the costs of any action or actions brought to enforce such lien created by the filing of such notice.

VI.—CONTRACTOR'S LIABILITY FOR INJURIES TO PERSONS OR PROPERTY.

Contractor Approves Plans as Involving No Damage.

Article 38. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not involve any danger to the foundations, walls or other parts of adjacent buildings or structures or to navigation; and the Contractor will at his own expense make good any damage that shall, in the course of construction, be done to any such foundations, walls or other parts of adjacent buildings or structures or to navigation. The liability of the Contractor under this covenant is absolute and is not dependent upon any question of negligence on his part, or on the part of his agents, servants or employees and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing, shall not excuse the Contractor in case of any such damage. Where the work is required to be done by tunneling the same admission and covenant shall also apply to the foundations, walls and other parts of buildings and to any railroad track or structure, subway, street, conduit, pipe, sewer or other structure or surface over the tunnel. But this admission and covenant shall not apply to the foundations, walls or other parts of buildings or any part thereof acquired by the City and which the Engineer may determine should be razed.

Traffic to be Maintained.

Article 39. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways, parks, waters or other public places as provided in the specifications, and shall take all necessary precautions to place proper guards for the prevention of accidents, and put up and keep at night suitable and sufficient lights.

Indemnification for Accidents, etc.

Article 40. The Contractor shall be solely responsible for all physical injuries to persons or property occurring on account of and during the performance of the work hereunder, and shall indemnify and save harmless the City from liability upon any and all claims for damages on account of such injuries to persons or property, and from all costs and expenses in suits which may be brought against the City for such injuries to person or property; it being distinctly understood, stipulated and agreed that the Contractor shall be solely responsible and liable for and shall fully protect and indemnify the City against all claims for damages to persons or property occasioned by or resulting from blasting or other methods or processes in the work of construction whether such damages be attributable to negligence of the Contractor or his employees or otherwise.

Money Due the Contractor May be Retained to Meet Claims.

Article 41. In case any claim shall be made by any person or corporation against the Contractor or the City for loss or damage to person or property as aforesaid, the amount of such claim or so much thereof as the Commission shall deem reasonable, shall, upon the requirement and in the discretion of the Commission, be retained by the Comptroller out of any moneys thereafter growing due to the Contractor hereunder (in addition to the other sums hereinbefore authorized to be so retained), as security for the payment of such claim or claims. If and when the liability of the City or the Contractor on such claim or claims shall have been established by a judgment of a Court of competent jurisdiction, or shall have been admitted by the Contractor to be valid, the said claim or claims shall be paid from the amount so retained and the balance, if any, paid to the Contractor. Should there be any unsatisfied claims for injuries to persons or property at the time when the final estimate for the work is made and returned, the Engineer shall have the right to retain out of said final estimate a sum in his judgment sufficient to protect the City in regard to all unsatisfied claims as aforesaid and in case the amount thus retained should be insufficient to pay the amount adjudicated to be due upon such claim the City may sue for and recover from the Contractor the amount or balance as a debt from the Contractor to the City. The Engineer may further, if in his judgment such a course is necessary, at the time of making the final estimate, and as a condition to making the same, require the Contractor to continue his bond or any part thereof, for a time not exceeding the time when such claims would be barred under the existing Statute of Limitations, as security against any claims then unsatisfied or not presented.

Examinations of Abutting Property.

Article 42. In order to safeguard the owners or tenants of abutting property and at the same time prevent unjust or fraudulent claims against the Contractor or the City in respect thereto, the Engineer shall cause a detailed examination of all adjacent or abutting property to be made before construction is begun. The owner, or tenants of each parcel or his or their duly authorized representative, shall be invited by a notice in writing delivered to a person apparently in charge of the premises, to be present, and the Contractor, or his duly authorized representative, shall attend and with the Engineer shall make such detailed examination. A complete record of the existing conditions of each parcel shall be made in triplicate, signed by the Engineer and the Contractor, and one copy shall be delivered to the owner, one to the Contractor, and one shall be retained by the Commission. At such times as the Engineer may direct, and upon the completion of the work, or upon notice to the Engineer by the owner or tenant that physical injury has occurred, further examination shall be made and the findings recorded and filed as above.

Damage to Works During Construction.

Article 43. All risk of loss or damage to the Works, or to any part thereof, or to any of the materials, tools, implements or other things used in doing the work, prior to final completion, is assumed and shall be borne by the Contractor, and any such loss or damage shall be made good by the Contractor at his own cost, and the construction shall be carried forward by him in accordance with this contract, without additional cost to the City by reason of such loss or damage.

VII.—CITY TO SECURE CONTRACTOR AGAINST INTERFERENCE BY INJUNCTIONS, TO ACQUIRE REAL ESTATE, ETC.

City's Assurances to Contractor of Right to Construct.

Article 44. The City hereby stipulates and covenants to and with the Contractor that the City will secure and assure to the Contractor so long as the Contractor shall perform the stipulations of this contract, the right to construct the Railroad as prescribed in this contract free of all right, claim or other interference, whether by injunction, suit for damages or otherwise, on the part of any owners, abutting owner, or other person; but not including any interference, legal or otherwise, by patentees or persons claiming to be patentees of tools, methods or appliances.

Claims for Infringement of Patents.

Article 45. The Contractor shall hold himself responsible for any claims made against the City for any infringement of patents by the use of patented articles in the performance and completion of the work, or of any process connected with the work agreed to be performed under this contract, or of any materials used upon the said work; and shall save harmless and indemnify the City for all costs, expenses and damages which the City shall be obliged to pay by reason of any infringement of patents used in the performance and completion of the work.

Acquisition of Real Estate.

Article 46. The City will acquire all such real estate and rights of way or other rights, terms, franchises, easements and privileges therein which, in the opinion of

the Commission, it shall be necessary to acquire or extinguish for the purpose of constructing the Works free of interference or right of interference; provided, however, that this covenant shall not apply to or include any damages for physical injuries to property referred to in Chapter VI hereof, whether or not compensation for such damages be awarded in a condemnation proceeding. If compensation for any such damages shall be included in an award in condemnation proceedings, the Contractor shall, upon demand, promptly reimburse the City for any payments made by it for such purposes.

VIII.—TIME FOR COMPLETION, DAMAGES FOR DELAY, ETC.

Commencement and Completion of Work.

Article 47. Time is of the essence of this contract. The Contractor shall begin actual work within sixty (60) days after the execution of this contract. The entire work covered by this contract shall be completed in all respects within forty-two (42) months from the date of the delivery of this contract.

Price to be Reduced for Delay.

Article 48. In the event of delay in completion of the Works beyond the period herein prescribed, or beyond the period to which such time may be extended by resolution of the Commission for good cause shown, the City shall—whether the working force be increased as provided in the specifications or not—be paid damages for such delay. Inasmuch as the amount of such damages will be extremely difficult to ascertain, especially in view of the fact that the Railroad herein contracted for is only a part of a complete system, the remainder of which is to be constructed under other contracts, it is hereby expressly agreed that damages shall be liquidated and paid by reducing the price to be paid the Contractor as follows: From the amounts which shall become payable to the Contractor after the expiration of the periods above limited (but not including the retained percentages from amounts theretofore certified to be due) there shall be deducted and retained by the City the following percentages: From the amount due for the first month after the expiration of such periods one (1) per centum thereof; from the amount due for the second month after the expiration of such periods two (2) per centum thereof; from the amount due for the third month after the expiration of such periods three (3) per centum thereof; from the amount due for the fourth month after the expiration of such periods four (4) per centum thereof; similarly from any amount which may subsequently become due there shall be deducted a percentage, the rate of which shall equal the number of months which may have elapsed between the expiration of the periods above limited and the time when such payments shall become due. These amounts shall be deducted and retained by the City and are hereby agreed upon and determined as the measure of liquidated damages (and not as a penalty) to the City. But in case the Contractor shall be delayed by reason of any labor strike not caused or instituted or provoked by the Contractor, or by any sub-contractor, agent or representative of the Contractor (which fact the Contractor shall prove to the satisfaction of the Commission), or in case the Contractor shall be delayed by any injunction or by any interference of public authority, and in case the Contractor cannot, notwithstanding such injunction or interference, with reasonable diligence make up for the delay so occasioned by speedier work when the Contractor shall not be so interfered with, then the said date for completion shall be extended by resolution of the Commission to a date later than the expiration of the said period by the amount of the time of such delay.

Commission May Intervene in Case of Injunction.

Article 49. But no injunction, strike or interference of public authority shall be ground for such extension except if and from the time when the Contractor shall give the Commission notice of the injunction or other cause of delay, with copies of the injunction or other orders and of the papers upon which the same shall have been granted. The Commission and the City or either shall be accorded the right to intervene or become a party to any suit or proceeding in which any such injunction shall be obtained, and to move to dissolve the same or otherwise, as the Commission or City may deem proper. If necessary the Corporation Counsel or the Counsel to the Commission or both shall be authorized by the Contractor to appear, for that purpose, as counsel or attorneys for him.

Article 50. The time stipulated within which to complete the Works is based upon the quantities of the various items entering into the work as stated in the form of proposal, which are given solely for the purpose of classifying bids. In case these quantities are exceeded or diminished then an extension or diminution of the term of this contract shall be made. It is, however, understood and agreed that in case an increase in any one item is balanced or offset by diminution of other items, no change in the term shall be made, and in any event the Engineer shall determine the amount of extension or diminution of time in respect of the relative increase or reduction in the quantities involved in the final completion.

Suspension of Work and Additional Time for Performance.

Article 51. The Commission reserves the right of temporarily suspending the execution of the whole or any part of the work herein contracted to be done, if it shall deem it for the interest of the City so to do, without compensation to the Contractor for such suspension, other than extending the time for completing the work as much as it may have been delayed by such suspension.

Time for Completion to be Extended in Case of Delay in Acquiring Real Estate.

Article 52. In case the Contractor shall at any time give notice to the Commission that any real estate is necessary under this contract for any of the purposes specified above, which notice shall give a brief description of such real estate, the Commission shall (if it finds that such necessity exists) begin and conduct with diligence, proceedings to acquire the real estate described; and in case the Commission shall fail to put the Contractor in possession of such real estate within three (3) months from the date of the delivery of such notice the Commission shall allow the Contractor so much additional time wherein to perform and complete this contract on his part as the Engineer shall certify in writing to be just, but no allowance by way of damages shall be made for such delay.

Extensions Not Cumulative.

Article 53. It is expressly understood, however, that the periods of extension referred to herein shall not be cumulative, but only the single period of delay giving the greatest extension shall be taken into consideration.

Permission to Complete Contract Not a Waiver.

Article 54. The permitting of the Contractor to go on and finish the work, or any part of it, after the time fixed for its completion, or after the date to which the time for completion may have been extended, or the making of partial payments to the Contractor after any such periods, shall in no wise operate as a waiver on the part of the City of any of its rights under this contract.

IX.—REMEDIES IN CASE OF CONTRACTOR'S DEFAULT.

Article 55. If the work to be done under this contract shall be abandoned by the Contractor, or if this contract shall be assigned, or the work sublet by him, otherwise than as herein specified, or if at any time the Engineer shall be of the opinion, and shall so certify in writing to the Commission that the performance of the contract is unnecessarily or unreasonably delayed, or that the Contractor is wilfully violating any of the provisions or covenants of this contract, or of the specifications, or is executing the same in bad faith or not in accordance with the terms thereof, or if the work be not fully completed within the time named in this contract for its completion, or within the time to which the completion of the contract may be extended by the Commission, the Commission may

(1) Notify the Contractor, by a written notice, to discontinue all work, or any part thereof, under this contract, and thereupon the Contractor shall discontinue the work, or such part thereof, and the Commission shall thereupon have the right to contract for the completion of the Works in the manner prescribed by law, or to place such and so many persons as it may deem advisable, by contract or otherwise, to work, and complete the work herein described, or such part thereof, to take possession of and use any or all of the materials, plant, tools, equipment, supplies and property of every kind provided by the Contractor for the purpose of his work, and to procure other materials for the completion of the same, and to charge the expense of said labor and materials to the Contractor. The expense so charged shall be deducted and paid by the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor under and by virtue of this contract, or any part thereof. And in case such expense shall exceed the amount which would have been payable under the contract if the same had been completed by the Contractor, he shall pay the amount of such excess to the City; and in case such expense shall

be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, he shall forfeit all claim to the difference; and when any particular part of the work is being carried on by the Commission, by contract or otherwise, under the provisions of this article of the contract, the Contractor shall continue the remainder of the work in conformity with the terms of this contract, and in such manner as in no wise to hinder or interfere with the persons or workmen employed, as above provided, by the Commission, by contract or otherwise, to do any part of the work, or to complete the same under the provisions of this article of the contract. And

Or Proceed Upon Bond.

(2) The City may also proceed as to the Commission shall seem proper upon the Bond. And

Or May Bring Suit.

(3) The City may also bring any suit or proceeding for specific performance or for injunction or to recover damages or to obtain any relief or for any purpose proper under this contract.

X.—MISCELLANEOUS PROVISIONS.

Changes in the Contract.

Article 56. No correction or change in this contract shall be made except by written instrument duly authorized by the Commission and consented to by the Contractor and by the sureties upon his bond; but this provision shall not limit or affect the right to prescribe variations whether of construction or location of route as in this contract elsewhere provided.

Members of Commission Not Liable.

Article 57. No claim shall be made by the Contractor against any member of the Commission personally by reason of this contract or of any of its articles or provisions.

Contractor Not to Assign, Sublet, etc.

Article 58. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest in or to the same or any part thereof without the previous consent in writing of the Commission, and he shall not assign by power of attorney or otherwise any of the moneys to become due and payable under this contract unless by and with the like consent. If the Contractor shall without such previous written consent assign, transfer, convey, sublet or otherwise dispose of this contract or of his right, title or interest therein or any of the moneys to become due under this contract, to any other person, company or corporation, this contract may at the option of the Commission be revoked and annulled and the City shall thereupon be relieved and discharged from any and all liability and obligations growing out of the same to the Contractor and to his assignee or transferee; and no right under this contract or to any money to become due hereunder shall be asserted against the City in law or in equity by reason of any so-called assignment of this contract or any part thereof or of any moneys to grow due hereunder unless authorized as aforesaid by the written consent of the Commission; provided that nothing herein contained shall be construed to hinder, prevent or affect an assignment by the Contractor for the benefit of his creditors made pursuant to the statutes of the State of New York.

Provisions in Case Commission Ceases.

Article 59. In case the Commission shall cease to exist the Legislature may provide what public officer or officers shall exercise the powers and duties of the Commission under and by virtue of this contract; and in default of such provision, such powers and duties shall be deemed to be vested in the Mayor of the City. In case any officer or officers other than the Commission shall hereafter have the powers of the Commission or any of them, then the provisions of this contract shall be applicable to such officer or officers to the extent to which the powers of the Commission shall appertain to such officer or officers, and any official act or determination of such officer or officers or of this Commission shall be sufficient hereunder, anything herein to the contrary notwithstanding, if the same be done or had by lawful vote or resolution or in such manner as the Legislature may from time to time prescribe.

Labor Law.

Article 60. The Contractor agrees to comply with the provisions of the Labor Law, including section 3 thereof as re-enacted by chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor, or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on or about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of section 14 of the Labor Law it is further provided that if the provisions of the said section 14 are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

Article 61. It is the intent and understanding of the parties to this agreement that each and every provision of law required to be inserted in this contract should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is to be deemed to be inserted herein; and if, through mistake or otherwise, any such provision is not inserted or is not inserted in correct form, then the contract shall forthwith, upon the application of either party, be amended by such insertion so as to comply strictly with the law, and without prejudice to the rights of either party hereunder.

Provision in Case of Unlawful Provision.

Article 62. If this contract contains any unlawful provision not an essential part of the general structure of the contract and which shall not appear to have been a controlling or very material inducement to the making thereof the same shall be deemed of no effect, and shall upon the application of either party, be struck from the contract without affecting the binding force of the contract as it shall remain after omitting such provision.

In witness whereof, this contract has been executed for The City of New York by the Public Service Commission for the First District under and by resolution duly adopted by the Commission and the seal of the Commission has been hereto affixed and attested by its Secretary and these presents have been signed by its Chairman; and the Contractor has caused its corporate seal to be hereto affixed and these presents to be executed by its proper officers the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

By _____, Chairman.

Attest: _____, Secretary.

State of New York, County of New York, ss.:

On the _____ day of _____, 1910, before me personally appeared William R. Willcox and Travis H. Whitney, to me known and known to me to be, the said William R. Willcox, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said William R. Willcox and Travis H. Whitney being by me duly sworn, did depose and say, each for himself and not the one for the other, the said William R. Willcox, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the chairman of the said Commission and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said Travis H.

Whitney, that he resides in the Borough of Brooklyn, in the County of Kings, City and State of New York, that he is the secretary of the said Commission and that he subscribed his name thereto by like authority; and both the said William R. Willcox

and Travis H. Whitney that they know the seal of the said Commission and that the same was affixed to the foregoing instrument by the authority of the said Commission and of a resolution duly adopted by the same.

State of New York, County of New York, ss.:

On this _____ day of _____, 1910, before me personally came _____, to me known and known to me to be the individual described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

State of New York, County of New York, ss.:

On this _____ day of _____, 1910, before me personally appeared _____, to me known, who, being by me first duly sworn, did depose and say: That he resided in _____, in the State of _____; that he is _____ of _____, the corporation described in and which executed the foregoing instrument; that he knew the corporate seal of said company; that one of the seals affixed to said contract was such corporate seal, and that it was affixed thereto by order of the Board of Directors of said company, and that he signed his name thereto by like authority.

FORM OF CONTRACTOR'S BOND.

(Route 5, Section 13.)

Know all Men by these Presents, That _____, hereinafter called the Contractor, and _____, hereinafter called the Sureties, are held and firmly bound unto The City of New York, hereinafter called the City, in the sum of _____ dollars (\$ _____) lawful money of the United States of America, to be paid to the City, for which payment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their, and each of their, executors, administrators, successors and assigns firmly by these presents, as follows: The Contractor to be so held and bound for the full amount of said sum of _____ dollars (\$ _____) and each of the said Sureties to be so held and bound only for a portion of said sum as follows: The said _____ for the sum of _____ dollars (\$ _____); the said _____ for the sum of _____ dollars (\$ _____); the said _____ for the sum of _____ dollars (\$ _____); the said _____ for the sum of _____ dollars (\$ _____).

In witness whereof, The Contractor and the Sureties have hereunto set their hands and seals and such of them as are corporations have caused their respective seals to be hereto affixed and these presents to be attested by the proper officers, this _____ day of _____, 1910.

Whereas, The City by the Public Service Commission for the First District (hereinafter called the Commission) is about to enter into a contract with the Contractor bearing even date herewith for the construction of that portion of a Rapid Transit Railway known as Section 13 of Route 5, in _____ street, in the Borough of _____, in the City of New York more particularly described in the said contract; and

Whereas, The City is about to enter into such contract with the Contractor upon the condition, and not otherwise, that this bond shall be given to the City, and upon the faith thereof,

Now, therefore, the condition of the foregoing obligation is such that if the Contractor shall fully perform the said contract, then this obligation shall be null and void, but else it shall remain in full force and virtue.

It is expressly agreed, between the City and the Sureties (and it is upon such agreement that the City accepts this Bond) that the Sureties will and do waive any and every notice of default on the part of the Contractor; that they will and do permit the City to extend the time of the Contractor to make any payment or do any act; that no omission on the part of the City to give any notice of extension of time granted by or on behalf of the City shall be availed of by the Sureties or any of them as a defense upon this Bond; that the Sureties shall not set up or have any defense upon this Bond by reason of any alteration of the said contract unless such alteration shall be represented by a formal written instrument duly executed between the City and the Contractor which shall have been duly authorized by a vote of the Commission; and that in case of such alteration, however made, the same shall be a defense to the Sureties only to the extent of the actual injury or damage caused to the Sureties by said alteration.*

ROUTE 5, SECTION 1, BATTERY PARK TO DEY STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 1.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto: Copy of invitation to Contractors. Copy of form of contract. Copy of form of bond.

To the Public Service Commission for the First District:

1. The undersigned _____ do hereby, in pursuance of the invitation to contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 1 of Route 5, to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following schedule of unit prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		160,000	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		143,000	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		9,000	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		61,000	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows: (a) For buildings less than seven stories in height, per front foot.....		3,000	

*The execution of the bond must be duly proved before delivery in the form essential to proof to entitle a deed to record in the State of New York. Full affidavits of justification of sureties must be added.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(b) For buildings from seven to twelve stories in height, per front foot.....			400		(a) For electric railroads, per lineal foot of single track.....			5,500	
(c) For buildings over twelve stories in height, per front foot.....			300		(b) For horse railroads, per lineal foot of single track.....			240	
6. For concrete masonry, in place, per cubic yard.....			70,500		76. For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column.....			120	
7. For protective concrete masonry, in place, outside of waterproofing, per cubic yard.....			10,300		PIPES IN STREETS—ITEMS 77 TO 126.				
8. For rubble stone masonry in place, per cubic yard.....			2,300		For Work and Material as Called for by Section 71 of the Specifications.				
9. For brick masonry, in place, per cubic yard.....			100		Water and Gas Pipes—Items 77 to 108.				
10. For hollow terra cotta brick masonry, in place, per cubic yard.....			770		Water Pipes—Items 77 to 88.				
12. For timber piles, in place, and prepared, per lineal foot.....			5,000		For water pipes in place, as follows:				
13. For timber foundations, placed and fastened, per thousand feet B. M.....			2M		78. For 4-inch water pipe, per lineal foot.....			100	
14. For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....			3,200		79. For 6-inch water pipe, per lineal foot.....			760	
15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:					82. For 12-inch water pipe, per lineal foot.....			730	
(a) For 1-ply, per square yard.....			80,000		84. For 20-inch water pipe, per lineal foot.....			680	
(b) For 2-ply, per square yard.....			100		Gas Pipes—Items 89 to 99.				
(c) For 3-ply, per square yard.....			4,000		For gas pipes in place, as follows:				
(d) For 4-ply, per square yard.....			100		90. For 4-inch gas pipe, per lineal foot.....			280	
(e) For 5-ply, per square yard.....			100		91. For 6-inch gas pipe, per lineal foot.....			610	
(f) For 6-ply, per square yard.....			100		96. For 20-inch gas pipe, per lineal foot.....			90	
16. For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....			12,200		New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
17. For vitrified or cast-iron drain pipe, in place, as follows:					100. For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....			25	
(a) For 12-inch vitrified pipe, per lineal foot.....			100		101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....			6	
(b) For 10-inch vitrified pipe, per lineal foot.....			100		Steam Pipes, Air Pipes and Mail Tubes—Items 109 to 126.				
(c) For 8-inch vitrified pipe, per lineal foot.....			2,430		Steam Pipes—Items 109 to 120.				
(d) For 6-inch vitrified pipe, per lineal foot.....			200		For steam pipe, in place, as follows:				
(e) For 4-inch vitrified pipe, per lineal foot.....			100		110. For 8-inch steam pipe, per lineal foot....			30	
(f) For 8-inch cast-iron pipe, per lineal foot.....					113. For 15-inch steam pipe, per lineal foot....			830	
(g) For 6-inch cast-iron pipe, per lineal foot.....			100		New Steel-Welded Flanged Steam Pipe Delivered on the Work, as Follows—Items 115 to 120.				
(h) For 4-inch cast-iron pipe, per lineal foot.....			1,800		116. For 8-inch steam pipe, per lineal foot....			30	
18. For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....			238,000		119. For 15-inch steam pipe, per lineal foot....			200	
19. For riveted steel, painted and erected, per ton of two thousand pounds.....			5,500		DUCTS IN STREETS.				
20. For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....			4,400		Electric Ducts and Conduits in Streets.				
21. For steel rods and bars built in concrete, per ton of two thousand pounds.....			660		(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75a.)				
25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds..			10		127. For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....			45,900	
26. For wire mesh in place, per pound.....			10,600						
27. For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....			100		(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid, and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of five hundred thousand dollars (\$500,000) in the form hereto annexed with the following named Sureties, viz.:				
28. For steel gratings for ventilation, in place, including frames, etc., per square foot..			9,000						
29. For vault lights, in place, per square foot.....			4,500		(3) The Commission may cause any notice intended for the undersigned to be delivered at room No.....on the.....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.				
30. For street surface restored:					(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted, and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of said check so specially deposited shall be returned to the undersigned.				
(a) Sidewalks including curbs and all structures and growths therein or thereon, per square yard.....			7,140		(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.				
(b) For temporary repavement and maintenance of roadways, per square yard....			14,520		(6) There are no persons interested with the undersigned in this Proposal, except*				
31. For park surface restored (all classes), per square yard.....			20,800		(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.				
32. For wrought-iron or fibre electric conduits, in place, in stations, as follows:					Dated the....., 1910.				
(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot.....			18,900		Affidavit of Verification.				
(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot.....			3,230		State of New York, City and County of New York, ss.:				
(c) For two-inch (2-inch) wrought-iron, per lineal foot.....			1,730		.....being duly sworn, says: I am.....				
(d) For two-inch (2-inch) fibre, per lineal foot.....			6,600		the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.				
33. For cast-iron outlet boxes in place, in stations, each.....			1,030		Sworn to before me this.....day of....., 1910.				
34. For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy") in place in stations, per lineal foot.....			140		ROUTE 5, SECTION 2, DEY STREET TO WALKER STREET.				
SEWERS—ITEMS 37 TO 74.					Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 2.)				
Vitrified and Cast-iron Pipe—Items 37 to 43.					Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto: Copy of invitation to Contractors. Copy of form of contract. Copy of form of bond.				
38. For 15-inch vitrified pipe sewer, per lineal foot.....			1,250		*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."				
39. For 18-inch vitrified pipe sewer, per lineal foot.....			720		If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the.....Company."				
Egg-shaped Brick or Concrete Sewers—Items 44 to 51.									
45. For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....			*2,168						
47. For 4 feet 0 inches by 2 feet 8 inches per lineal foot.....			*452						
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.									
75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required, and constructed in excess of the number existing), as follows:									

*Balance remaining after deducting portion of sewer included in railroad construction under section 424 of the specifications.

To the Public Service Commission for the First District:

1. The undersigned* hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 2 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids, and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities or items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		256,100	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		142,300	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		3,500	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		100	
4.	†For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		3,000	
	(b) For buildings from seven to twelve stories in height, per front foot.....		1,300	
	(c) For buildings over twelve stories in height, per front foot.....		750	
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		23,300	
6.	For concrete masonry in place, per cubic yard.....		84,800	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.....		6,220	
8.	For rubble stone masonry in place, per cubic yard.....		3,250	
9.	For brick masonry, in place, per cubic yard.....		50	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		2,360	
11.	For grout of Portland cement, per barrel of Portland cement used.....		4,000	
12.	For timber piles, in place, and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B.M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		3,300	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		45,500	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		5,300	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		7,300	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot.....		100	
	(b) For 10-inch vitrified pipe, per lineal foot.....		100	
	(c) For 8-inch vitrified pipe, per lineal foot.....		210	
	(d) For 6-inch vitrified pipe, per lineal foot.....		100	
	(e) For 4-inch vitrified pipe, per lineal foot.....		100	
	(f) For 8-inch cast-iron pipe, per lineal foot.....			
	(g) For 6-inch cast-iron pipe, per lineal foot.....		100	
	(h) For 4-inch cast-iron pipe, per lineal foot.....		1,600	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		365,400	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		6,700	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		3,850	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,240	
22.	For cast-iron tunnel lining, in place in the work, including the placing of bolts and washers and caulking of joints, etc., per ton of two thousand pounds.....		5,300	
23.	For steel bolts and washers for tunnel lining, per ton of two thousand pounds....		75	

*The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "The firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

†Not to include underpinning, if any, in connection with construction of iron-lined tunnel portion.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds..		20	
26.	For wire mesh, in place, per pound.....		13,620	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		9,130	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot..		10,310	
29.	For vault lights, in place, per square foot.		2,900	
30.	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein or thereon, per square yard.....		8,065	
	(b) For temporary repavement and maintenance of roadways, per square yard..		18,695	
31.	For park surface restored (all classes), per square yard.....		1,300	
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		31,300	
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....		1,550	
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		830	
	(d) For two-inch (2-inch) fibre, per lineal foot.....		4,400	
33.	For cast-iron outlet boxes in place in stations, each.....		1,160	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....		380	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot.....		1,760	
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds.....		9	
Egg-shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		*185	
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot.....		†95	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track.....		6,750	
	(b) For horse railroads, per lineal foot of single track.....		770	
76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column.....		6	
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot....		100	
82.	For 12-inch water pipe, per lineal foot....		500	
85.	For 24-inch water pipe, per lineal foot....		1,200	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
94.	For 12-inch gas pipe, per lineal foot.....		500	
95.	For 16-inch gas pipe, per lineal foot.....		500	
96.	For 20-inch gas pipe, per lineal foot.....		500	
New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		50	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		13	
High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.				
For high pressure fire system pipe in place, as follows:				
102.	For 8-inch high pressure fire system water pipe, per lineal foot.....		100	
103.	For 12-inch high pressure fire system water pipe, per lineal foot.....		200	
104.	For 16-inch high pressure fire system water pipe, per lineal foot.....		180	
106.	For 24-inch high pressure fire system water pipe, per lineal foot.....		120	
New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.				
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds.....		15	
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds.....		5	

*Balance remaining after deducting portion of sewer included in Railroad construction under section 424 of the specifications.

†Included in Railroad construction under section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
<i>Steam Pipes—Items 109 to 120.</i>				
For steam pipe in place, as follows:				
110.	For 8-inch steam pipe, per lineal foot....	.....	500	.....
<i>New Steel-welded Flanged Steam Pipe Delivered on the Work, as Follows—Items 115 to 120.</i>				
116.	For 8-inch steam pipe, per lineal foot....	.....	100	.....
<i>DUCTS IN STREETS.</i>				
<i>Electric Ducts and Conduits in Streets.</i>				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a).				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....	.....	31,000	.....

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of six hundred thousand dollars (\$600,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room on the ... floor of the building No., in the Borough of, in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this Proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above-described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*
(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the Contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.
Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:
....., being duly sworn, says: I am....., the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.
Sworn to before me this day of, 1910.

ROUTE 5, SECTION 2A, WALKER STREET TO HOWARD STREET.
Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 2A.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto: Copy of invitation to Contractors. Copy of form of contract. Copy of form of bond.
To the Public Service Commission for the First District:

1. The undersigned,, do.. hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 2A of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard .....	.....	28,070	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of" ; if a corporation, say "the (President or other officer duly authorized) of the Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form: "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard .....	.....	59,370	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	100	.....
4.	For underpinning buildings, including all incidental work and material, per linear front foot of building underpinned, as follows:			
(a)	For buildings less than seven stories in height, per front foot.....	.....	318	.....
(b)	For buildings from seven to twelve stories in height, per front foot.....	.....	70	.....
(c)	For buildings over twelve stories in height, per front foot.....	.....		.....
6.	For concrete masonry, in place, per cubic yard .....	.....	18,180	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard .....	.....	2,625	.....
8.	For rubble stone masonry in place, per cubic yard .....	.....	500	.....
9.	For brick masonry, in place, per cubic yard .....	.....	230	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	105	.....
12.	For timber piles, in place, and prepared, per linear foot .....	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B.M.....	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard .....	.....	1,070	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard.....	.....	20,625	.....
(b)	For 2-ply, per square yard.....	.....	100	.....
(c)	For 3-ply, per square yard.....	.....	1,255	.....
(d)	For 4-ply, per square yard.....	.....	100	.....
(e)	For 5-ply, per square yard.....	.....	100	.....
(f)	For 6-ply, per square yard.....	.....	120	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....	.....	3,255	.....
17.	For vitrified or cast-iron drain pipe in place, as follows:			
(a)	For 12-inch vitrified pipe, per linear foot .....	.....	100	.....
(b)	For 10-inch vitrified pipe, per linear foot .....	.....	100	.....
(c)	For 8-inch vitrified pipe, per linear foot .....	.....	800	.....
(d)	For 6-inch vitrified pipe, per linear foot .....	.....	200	.....
(e)	For 4-inch vitrified pipe, per linear foot .....	.....	100	.....
(f)	For 8-inch cast-iron pipe, per linear foot .....	.....		.....
(g)	For 6-inch cast-iron pipe, per linear foot .....	.....	100	.....
(h)	For 4-inch cast-iron pipe, per linear foot .....	.....	625	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot .....	.....	45,025	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	2,275	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....	.....	1,945	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	23	.....
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds..	.....	10	.....
26.	For wire mesh, in place, per pound.....	.....	4,100	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot...	.....	900	.....
29.	For vault lights, in place, per square foot..	.....	2,025	.....
30.	For street surface restored:			
(a)	Sidewalks including curbs and all structures and growths therein or thereon, per square yard.....	.....	2,442	.....
(b)	For temporary repavement and maintenance of roadways, per square yard...	.....	2,798	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
(a)	For three-fourths-inch (¾-in.) wrought-iron, per linear foot.....	.....	9,640	.....
(b)	For one and one-half inch (1½-in.) wrought-iron, per linear foot.....	.....	520	.....
(c)	For two-inch (2-in.) wrought-iron, per linear foot .....	.....	260	.....
(d)	For two-inch (2-in.) fibre, per linear foot .....	.....	2,160	.....
33.	For cast-iron outlet boxes in place in stations, each .....	.....	578	.....
34.	For six-inch (6-in.) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per linear foot.....	.....	770	.....

SEWERS—ITEMS 37 TO 74.

Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.

45.	For 3-foot 6-inch by 2-foot 4-inch, per linear foot .....	.....	*(190)	.....
47.	For 4-foot by 2-foot 8-inch, per linear foot .....	.....	*(230)	.....
<i>Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.</i>				
54.	For 4-foot 3-inch, per linear foot.....	.....	*(42)	.....
55.	For 4-foot 9-inch, per linear foot.....	.....	*(208)	.....
57.	For 5-foot 6-inch, per linear foot.....	.....	*(68)	.....

*Included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
SURFACE AND SUBSURFACE STRUCTURES— ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per linear foot of single track		1,280	
	(b) For horse railroads, per linear foot of single track		100	
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per linear foot.....		100	
82.	For 12-inch water pipe, per linear foot.....		500	
86.	For 30-inch water pipe, per linear foot.....		400	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
91.	For 6-inch gas pipe, per linear foot.....		960	
New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		21	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		6	
High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.				
For high pressure fire system pipe in place, as follows:				
102.	For 8-inch high pressure fire system water pipe, per linear foot.....		100	
103.	For 12-inch high pressure fire system water pipe, per linear foot.....		490	
104.	For 16-inch high pressure fire system water pipe, per linear foot.....		150	
New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.				
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds.....		12	
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds.....		4	
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a).				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		11,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of two hundred and fifty thousand dollars (\$250,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No., in in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

Affidavit of Verification.

State of New York, City and County of New York, ss.:

.....being duly sworn, says: I am* the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 3, HOWARD STREET TO BLEECKER STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 3.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned†.....do

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 3 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		172,000	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		40,500	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard		10,400	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		3,700	
	(b) For buildings from seven to twelve stories in height, per front foot.....		1,700	
	(c) For buildings over twelve stories in height, per front foot.....			
6.	For concrete masonry, in place, per cubic yard		42,300	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.....		2,200	
8.	For rubble stone masonry in place, per cubic yard		2,300	
9.	For brick masonry in place, per cubic yard		50	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		1,230	
12.	For timber piles, in place and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B.M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		2,800	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		16,900	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		3,700	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		3,060	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot		100	
	(b) For 10-inch vitrified pipe, per lineal foot		100	
	(c) For 8-inch vitrified pipe, per lineal foot		1,460	
	(d) For 6-inch vitrified pipe, per lineal foot		200	
	(e) For 4-inch vitrified pipe, per lineal foot		100	
	(f) For 8-inch cast-iron pipe, per lineal foot			
	(g) For 6-inch cast-iron pipe, per lineal foot		100	
	(h) For 4-inch cast-iron pipe, per lineal foot		1,170	
18.	For tunnel ducts in place as required by section 305 of the specifications, per duct foot		207,400	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		2,560	

*If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

†The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
20.	For steel beams and shapes with connections painted and erected, per ton of two thousand pounds		780	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,530	.....
24.	For cast-iron columns erected and painted, per ton of two thousand pounds.....		10	.....
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds		12	.....
26.	For wire mesh, in place, per pound.....		6,400	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		3,520	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		8,200	.....
29.	For vault lights, in place, per square foot.....		5,000	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein or thereon, per square yard.....		9,390	.....
	(b) For temporary repavement and maintenance of roadways, per square yard.....		14,240	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		7,600	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....		1,000	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		520	.....
	(d) For two-inch (2-inch) fibre, per lineal foot .....			.....
33.	For cast-iron outlet boxes in place in stations, each.....		440	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		160	.....
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast Iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot		1,272	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot		543	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds		283	.....
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot.....		*554	.....
48.	For 4 feet 3 inches by 2 feet 10 inches per lineal foot.....		484	.....
Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.				
53.	For 4 feet 0 inch per lineal foot.....		1,145	.....
54.	For 4 feet 3 inches per lineal foot.....		*284	.....
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track		5,470	.....
	(b) For horse railroads, per lineal foot of single track		720	.....
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot....		100	.....
82.	For 12-inch water pipe, per lineal foot....		600	.....
86.	For 30-inch water pipe, per lineal foot....		800	.....
New Cast Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		32	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		8	.....
High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.				
For high pressure fire system pipe in place, as follows:				
102.	For 8-inch high pressure fire system water pipe, per lineal foot.....		100	.....
103.	For 12-inch high pressure fire system water pipe, per lineal foot.....		410	.....
105.	For 20-inch high pressure fire system water pipe, per lineal foot.....		120	.....
New Cast Iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.				
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds.....		10	.....
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds.....		3	.....

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		42,000	.....

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the Building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates or in any portion of the profits thereof.

Dated the 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

being duly sworn, says: I am, the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of 1910.

ROUTE 5, SECTION 4, BLEECKER STREET TO 14TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 4.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors; Copy of Form of Contract; Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned, do hereby, in pursuance of the invitation to contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 4 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following schedule of unit prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids, and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		181,400	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		14,100	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of"; if a corporation, say "the (President or other officer duly authorized) of the Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		9,000		39.	For 18-inch vitrified pipe sewer, per lineal foot		170	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		25,700			<i>Egg-shaped Brick or Concrete Sewers—Items 44 to 51.</i>			
4.	For underpinning buildings, including all incidental work and material per lineal front foot of building underpinned, as follows:				45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot.....		1,978	
(a)	For buildings less than seven stories in height, per front foot.....		2,100		48.	For 4 feet 3 inches by 2 feet 10 inches per lineal foot.....		228	
(b)	For buildings from seven to twelve stories in height, per front foot.....		1,600			<i>SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.</i>			
(c)	For buildings over twelve stories in height, per front foot.....		70		75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard		33,000		(a)	For electric railroads, per lineal foot of single track.....		4,800	
6.	For concrete masonry, in place, per cubic yard		46,400		(b)	For horse railroads, per lineal foot of single track.....		150	
7.	For protective concrete masonry in place, outside of waterproofing, per cubic yard		1,200			<i>PIPES IN STREETS—ITEMS 77 TO 126.</i>			
8.	For rubble stone masonry in place, per cubic yard.....		900			<i>For Work and Material as Called for by Section 71 of the Specifications.</i>			
9.	For brick masonry, in place, per cubic yard		1,300			<i>Water and Gas Pipes—Items 77 to 108.</i>			
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		1,700			<i>Water Pipes—Items 77 to 88.</i>			
11.	For grout of Portland cement, per barrel of Portland cement used.....		1,000			For water pipes in place, as follows:			
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M		78.	For 4-inch water pipe, per lineal foot.....		100	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		3,700		79.	For 6-inch water pipe, per lineal foot.....		530	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:				82.	For 12-inch water pipe, per lineal foot.....		1,560	
(a)	For 1-ply, per square yard.....		9,900		87.	For 36-inch water pipe, per lineal foot....		2,300	
(b)	For 2-ply, per square yard.....		100			<i>Gas Pipes—Items 89 to 99.</i>			
(c)	For 3-ply, per square yard.....		1,320			For gas pipes in place, as follows:			
(d)	For 4-ply, per square yard.....		100		90.	For 4-inch gas pipe, per lineal foot.....		130	
(e)	For 5-ply, per square yard.....		100		91.	For 6-inch gas pipe, per lineal foot.....		1,800	
(f)	For 6-ply, per square yard.....		100		92.	For 8-inch gas pipe, per lineal foot.....		1,070	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		1,550		94.	For 12-inch gas pipe, per lineal foot.....		270	
17.	For vitrified or cast-iron drain pipe, in place, as follows:					<i>New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.</i>			
(a)	For 12-inch vitrified pipe, per lineal foot		100		100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		130	
(b)	For 10-inch vitrified pipe, per lineal foot		100		101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		40	
(c)	For 8-inch vitrified pipe, per lineal foot		3,330			<i>High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.</i>			
(d)	For 6-inch vitrified pipe, per lineal foot		200			For high pressure fire system pipe in place, as follows:			
(e)	For 4-inch vitrified pipe, per lineal foot		100		102.	For 8-inch high pressure fire system water pipe, per lineal foot.....		100	
(f)	For 8-inch cast-iron pipe, per lineal foot		100		103.	For 12-inch high pressure fire system water pipe, per lineal foot.....		90	
(g)	For 6-inch cast-iron pipe, per lineal foot		100		104.	For 16-inch high pressure fire system water pipe, per lineal foot.....		120	
(h)	For 4-inch cast-iron pipe, per lineal foot		4,420			<i>New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.</i>			
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		437,000		107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds.....		12	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		1,940		108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds.....		4	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		1,750			<i>DUCTS IN STREETS.</i>			
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,250			<i>Electric Ducts and Conduits in Streets.</i>			
24.	For cast-iron columns, erected and painted, per ton of two thousand pounds.....		90			(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		16		127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		49,600	
26.	For wire mesh, in place, per pound.....		6,030			(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following-named Sureties, viz.:			
27.	For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		10,140						
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		6,200			(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of, in The City of New York. Such delivery shall be sufficient notice to the undersigned.			
29.	For vault lights, in place, per square foot.....		900			(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City damages by it sustained by reason of such failure of the undersigned as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.			
30.	For street surface restored:					(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.			
(a)	Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		6,950						
(b)	For temporary repavement and maintenance of roadways, per square yard...		15,470						
31.	For park surface restored (all classes), per square yard.....		1,350						
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:								
(a)	For three-fourths inch (¾-inch) wrought-iron, per lineal foot.....		4,500						
(b)	For one and one-half inch (1½-inch) wrought-iron, per lineal foot.....		570						
(c)	For two-inch (2-inch) wrought-iron, per lineal foot.....		310						
(d)	For two-inch (2-inch) fibre, per lineal foot		2,200						
33.	For cast-iron outlet boxes in place in stations, each.....		242						
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		25						
	<i>SEWERS—ITEMS 37 TO 74.</i>								
	<i>Vitrified and Cast-iron Pipe—Items 37 to 43.</i>								
38.	For 15-inch vitrified pipe sewer, per lineal foot		2,134						

(6) There are no persons interested with the undersigned in this Proposal, except*
(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.
Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:
..... being duly sworn, says: I am.....
the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.
Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 5, 14TH STREET TO 26TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 5.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:
Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

I, The undersigned.....
do hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 5 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		106,000	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		17,500	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		21,800	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		3,800	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		400	
	(b) For buildings from seven to twelve stories in height, per front foot.....			
	(c) For buildings over twelve stories in height, per front foot.....			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		75,300	
6.	For concrete masonry, in place, per cubic yard.....		37,800	
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard.....		620	
8.	For rubble stone masonry, in place, per cubic yard.....		350	
9.	For brick masonry, in place, per cubic yard.....		3,100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		1,400	
11.	For grout of Portland cement, per barrel of Portland cement used.....		2,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		3,500	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		5,900	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		5,600	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		770	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot.....		100	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(b)	For 10-inch vitrified pipe, per lineal foot.....		100	
(c)	For 8-inch vitrified pipe, per lineal foot.....		6,600	
(d)	For 6-inch vitrified pipe, per lineal foot.....		200	
(e)	For 4-inch vitrified pipe, per lineal foot.....		100	
(f)	For 8-inch cast-iron pipe, per lineal foot.....			
(g)	For 6-inch cast-iron pipe, per lineal foot.....		100	
(h)	For 4-inch cast-iron pipe, per lineal foot.....		9,000	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		525,000	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		270	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		650	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,150	
24.	For east-iron columns, erected and painted, per ton of two thousand pounds.....		130	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes, in place, per ton of two thousand pounds.....		15	
26.	For wire mesh, in place, per pound.....		1,400	
27.	For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		11,100	
28.	For steel gratings, for ventilation, in place, including frames, etc., per square foot.....		8,300	
29.	For vault lights, in place, per square foot.....		5,500	
30.	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein and thereon, per square yard.....		5,950	
	(b) For temporary repavement and maintenance of roadways, per square yard.....		14,050	
31.	For park surface restored (all classes), per square yard.....		1,000	
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		15,500	
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....		450	
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		230	
	(d) For two-inch (2-inch) fibre, per lineal foot.....		4,000	
33.	For cast-iron outlet boxes, in place in stations, each.....		640	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....		40	
SEWERS—ITEMS 37 TO 74.				
<i>Vitrified and Cast-Iron Pipe—Items 37 to 43.</i>				
38.	For 15-inch vitrified pipe sewer, per lineal foot.....		1,738	
39.	For 18-inch vitrified pipe sewer, per lineal foot.....		280	
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds.....		4	
<i>Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.</i>				
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		1,465	
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot.....		248	
48.	For 4 feet 3 inches by 2 feet 10 inches, per lineal foot.....		240	
49.	For 4 feet 6 inches by 3 feet, 0 inches, per lineal foot.....		242	
50.	For 4 feet 9 inches by 3 feet 2 inches, per lineal foot.....		246	
<i>Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.</i>				
52.	For 3 feet 9 inches, per lineal foot.....		264	
60.	For 6 feet 0 inches per lineal foot.....		1,250	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track.....		2,300	
	(b) For horse railroads, per lineal foot of single track.....		200	
PIPES IN STREETS—ITEMS 77 TO 126.				
<i>For Work and Material as Called for by Section 71 of the Specifications.</i>				
<i>Water and Gas Pipes—Items 77 to 108.</i>				
<i>Water Pipes—Items 77 to 88.</i>				
For water pipes, in place, as follows:				
78.	For 4-inch water pipe, per lineal foot....		100	
79.	For 6-inch water pipe, per lineal foot....		1,800	
<i>Gas Pipes—Items 89 to 99.</i>				
For gas pipes, in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot.....		460	
91.	For 6-inch gas pipe, per lineal foot.....		1,490	

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
92.	For 8-inch gas pipe, per lineal foot.....		720	
94.	For 12-inch gas pipe, per lineal foot.....		580	
<i>New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.</i>				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		20	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		5	
<i>DUCTS IN STREETS.</i>				
<i>Electric Ducts and Conduits in Streets.</i>				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....		86,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the, 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

..... being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 6, 26TH STREET TO 40TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 6.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... do ..

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 6 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & C., composed of A. B., C. D., etc." (giving the names of all the partners).

Schedule of Unit Prices.				
Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		73,000	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		500	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard		37,000	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		116,200	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard		27,000	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
(a)	For buildings less than seven stories in height, per front foot		340	
(b)	For buildings from seven to twelve stories in height, per front foot		30	
(c)	For buildings over twelve stories in height, per front foot			
5.	For tunnel excavation (except tunneling for sewers), including disposal of material, timbering, etc., per cubic yard		85,000	
5a.	For tunnel excavation for sewers and pipes, including the disposal of material, timber, etc., per cubic yard		2,810	
6.	For concrete masonry in place, per cubic yard		42,300	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard		370	
8.	For rubble stone masonry in place, per cubic yard		1,700	
9.	For brick masonry, in place, per cubic yard		1,610	
10.	For hollow terra cotta brick masonry, in place, per cubic yard		880	
11.	For grout of Portland cement, per barrel of Portland cement used		2,500	
13.	For timber foundations, placed and fastened, per thousand feet B. M.		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		3,100	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard		4,810	
(b)	For 2-ply, per square yard		100	
(c)	For 3-ply, per square yard		6,300	
(d)	For 4-ply, per square yard		100	
(e)	For 5-ply, per square yard		100	
(f)	For 6-ply, per square yard		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard		650	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
(a)	For 12-inch vitrified pipe, per lineal foot		100	
(b)	For 10-inch vitrified pipe, per lineal foot		100	
(c)	For 8-inch vitrified pipe, per lineal foot		5,100	
(d)	For 6-inch vitrified pipe, per lineal foot		200	
(e)	For 4-inch vitrified pipe, per lineal foot		100	
(f)	For 8-inch cast-iron pipe, per lineal foot			
(g)	For 6-inch cast-iron pipe, per lineal foot		100	
(h)	For 4-inch cast-iron pipe, per lineal foot		8,200	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot		555,000	
19.	For riveted steel, painted and erected, per ton of two thousand pounds		1,770	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds		2,710	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds		610	
24.	For cast-iron columns erected and painted, per ton of two thousand pounds		60	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds		15	
26.	For wire mesh, in place, per pound		8,200	
27.	For one and one-half-inch (1½-inch) galvanized-iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		12,900	
28.	For steel grating for ventilation, in place, including frames, etc., per square foot		10,100	
29.	For vault lights, in place, per square foot		6,400	
30.	For street surface restored:			
(a)	Sidewalks including curbs and all structures and growths therein and thereon, per square yard		3,170	
(b)	For temporary repavement and maintenance of roadways, per square yard		19,630	
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
(a)	For three-fourths inch (¾ inch) wrought-iron, per lineal foot		12,000	
(b)	For one and one-half inch (1½ inch) wrought-iron, per lineal foot		900	
(c)	For two inch (2 inch) wrought-iron, per lineal foot		460	

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(d)	For two inch (2 inch) fibre, per lineal foot		4,400	
33.	For cast-iron outlet boxes in place in stations, each		640	
34.	For six inch (6 inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		60	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-Iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot		720	
39.	For 18-inch vitrified pipe sewer, per lineal foot		1,055	
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds		9	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot		390	
47.	For 4 feet 0 inches by 2 feet 8 inches per lineal foot		* (60)	
Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.				
57.	For 5 feet 6 inches per lineal foot		1,080	
58.	For 5 feet 6 inches in tunnel, per lineal foot		1,280	
60.	For 6 feet 0 inches, per lineal foot		1,160	
64.	For 8 feet 0 inches, per lineal foot		420	
66.	For 9 feet 6 inches, per lineal foot		1,935	
Sewers of Special Forms—Items 67 to 72.				
71.	For triple section, per lineal foot		102	
72.	For 4 feet 0 inches, wooden barrel, per lineal foot		336	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
(a)	For electric railroads, per lineal foot of single track		5,800	
(b)	For horse railroads, per lineal foot of single track		270	
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot		100	
79.	For 6-inch water pipe, per lineal foot		1,230	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot		160	
91.	For 6-inch gas pipe, per lineal foot		830	
92.	For 8-inch gas pipe, per lineal foot		880	
94.	For 12-inch gas pipe, per lineal foot		1,000	
95.	For 16-inch gas pipe, per lineal foot		110	
96.	For 20-inch gas pipe, per lineal foot		230	
New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds		27	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds		7	
Air Pipes—Items 121 to 124.				
For air pipe in place, as follows:				
122.	For 8-inch air pipe, per lineal foot		250	
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot		103,000	

(2) If this proposal is accepted, the undersigned will, within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid, and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of three hundred and fifty thousand dollars (\$350,000) in the form hereto annexed, with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission, the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be

*Included in Railroad construction under Section 424 of the specifications.

accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 7, 40TH STREET TO 53RD STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 7.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 7 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction, and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		125,600	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard		6,300	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		221,000	
3a.	For rock excavation, for sewers and pipes, including the disposal of it, etc., per cubic yard		5,800	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
(a)	For buildings less than seven stories in height, per front foot		1,284	
(b)	For buildings from seven to twelve stories in height, per front foot		145	
(c)	For buildings over twelve stories in height, per front foot			
5.	For tunnel excavation (except tunneling for sewers), including disposal of material, timbering, etc., per cubic yard		17,700	
5a.	For tunneling excavation for sewers and pipes, including the disposal of material, timber, etc., per cubic yard		565	
6.	For concrete masonry, in place, per cubic yard		54,200	
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard		1,240	
8.	For rubble stone masonry, in place, per cubic yard		3,200	
9.	For brick masonry, in place, per cubic yard		800	
10.	For hollow terra cotta brick masonry, in place, per cubic yard		230	
11.	For grout of Portland cement, per barrel of Portland cement used		500	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		2,250	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard		5,535	
(b)	For 2-ply, per square yard		100	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(c) For 3-ply, per square yard.....			10,840		82. For 12-inch water pipe, per lineal foot....			340	
(d) For 4-ply, per square yard.....			100		84. For 20-inch water pipe, per lineal foot....			700	
(e) For 5-ply, per square yard.....			100		86. For 30-inch water pipe, per lineal foot....			140	
(f) For 6-ply, per square yard.....			100		<i>Gas Pipes—Items 89 to 99.</i>				
16. For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....			1,020		For gas pipes, in place, as follows:				
17. For vitrified or cast-iron drain pipe, in place, as follows:					90. For 4-inch gas pipe, per lineal foot.....			360	
(a) For 12-inch vitrified pipe, per lineal foot.....			100		91. For 6-inch gas pipe, per lineal foot.....			200	
(b) For 10-inch vitrified pipe, per lineal foot.....			100		92. For 8-inch gas pipe, per lineal foot.....			540	
(c) For 8-inch vitrified pipe, per lineal foot.....			6,500		94. For 12-inch gas pipe, per lineal foot.....			270	
(d) For 6-inch vitrified pipe, per lineal foot.....			200		95. For 16-inch gas pipe, per lineal foot.....			470	
(e) For 4-inch vitrified pipe, per lineal foot.....			100		96. For 20-inch gas pipe, per lineal foot.....			180	
(f) For 8-inch cast-iron pipe, per lineal foot.....					<i>New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.</i>				
(g) For 6-inch cast-iron pipe, per lineal foot.....			100		100. For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....			40	
(h) For 4-inch cast-iron pipe, per lineal foot.....			8,570		101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....			10	
18. For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....			609,000		<i>Air Pipes—Items 121 to 124.</i>				
19. For riveted steel, painted and erected, per ton of two thousand pounds.....			4,390		For air pipe in place, as follows:				
20. For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....			3,650		121. For 6-inch air pipe, per lineal foot.....			130	
21. For steel rods and bars built in concrete, per ton of two thousand pounds.....			380		122. For 8-inch air pipe, per lineal foot.....			500	
24. For cast-iron columns, erected and painted, per ton of two thousand pounds.....			52		123. For new 6-inch air pipe, delivered on the work, per lineal foot.....			30	
25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....			18		124. For new 8-inch air pipe, delivered on the work, per lineal foot.....			100	
26. For wire mesh, in place, per pound.....			5,900		<i>Mail Tubes—Items 125 and 126.</i>				
27. For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....			9,783		125. For 8-inch mail tube, in place, per lineal foot.....			1,900	
28. For steel gratings for ventilation, in place, including frames, etc., per square foot.....			10,100		126. For new 8-inch mail tube, delivered on work, per ton of two thousand pounds.....			10	
29. For vault lights, in place, per square foot.....			8,150		<i>DUCTS IN STREETS.</i>				
30. For street surface restored:					<i>Electric Ducts and Conduits in Streets.</i>				
(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....			9,970		(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
(b) For temporary repavement and maintenance of roadways, per square yard.....			15,430		127. For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....			106,000	
32. For wrought-iron or fibre electric conduits, in place in stations, as follows:					(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of three hundred and fifty thousand dollars (\$350,000) in the form hereto annexed with the following named Sureties, viz:				
(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....			23,100		(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No..... on the..... floor of the building No..... in the Borough of....., in The City of New York. Such delivery shall be sufficient notice to the undersigned.				
(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....			1,070		(4) At the time of delivering this proposal to the Commission, the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.				
(c) For two-inch (2-inch) wrought-iron, per lineal foot.....			575		(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.				
(d) For two-inch (2-inch) fibre, per lineal foot.....			6,610		(6) There are no persons interested with the undersigned in this Proposal, except*				
33. For cast-iron outlet boxes, in place in stations, each.....			994		(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.				
34. For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....			440		Dated the....., 1910.				
<i>SEWERS—ITEMS 37 TO 74.</i>					<i>Affidavit of Verification.</i>				
<i>Vitrified and Cast-Iron Pipe—Items 37 to 43.</i>					State of New York, City and County of New York, ss:..... being duly sworn, says: I am.....				
38. For 15-inch vitrified pipe sewer, per lineal foot.....			2,887		the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.				
39. For 18-inch vitrified pipe sewer, per lineal foot.....			830		Sworn to before me this..... day of....., 1910.				
<i>Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.</i>					ROUTE 5, SECTION 8, 53RD STREET TO 67TH STREET.				
45. For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....			1,044		Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.				
47. For 4 feet 0 inches by 2 feet 8 inches, per lineal foot.....			806		(Route 5, Section 8.)				
<i>Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.</i>					Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:				
53. For 4 feet 0 inches, per lineal foot.....			300		Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.				
58. For 5 feet 6 inches, in tunnel, per lineal foot.....			257		To the Public Service Commission for the First District:				
<i>SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.</i>					1. The undersigned*.....				
75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:					*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."				
(a) For electric railroads, per lineal foot of single track.....			7,192		†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."				
(b) For horse railroads, per lineal foot of single track.....					*The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).				
76. For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column.....			4						
<i>PIPES IN STREETS—ITEMS 77 TO 126.</i>									
<i>For Work and Material as Called for by Section 71 of the Specifications.</i>									
<i>Water and Gas Pipes—Items 77 to 108.</i>									
<i>Water Pipes—Items 77 to 88.</i>									
For water pipes, in place, as follows:									
78. For 4-inch water pipe, per lineal foot.....			100						
79. For 6-inch water pipe, per lineal foot.....			800						

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(c) For 3-ply, per square yard.....			10,840		82. For 12-inch water pipe, per lineal foot....			340	
(d) For 4-ply, per square yard.....			100		84. For 20-inch water pipe, per lineal foot....			700	
(e) For 5-ply, per square yard.....			100		86. For 30-inch water pipe, per lineal foot....			140	
(f) For 6-ply, per square yard.....			100		Gas Pipes—Items 89 to 99.				
16. For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....			1,020		For gas pipes, in place, as follows:				
17. For vitrified or cast-iron drain pipe, in place, as follows:					90. For 4-inch gas pipe, per lineal foot.....			360	
(a) For 12-inch vitrified pipe, per lineal foot.....			100		91. For 6-inch gas pipe, per lineal foot.....			200	
(b) For 10-inch vitrified pipe, per lineal foot.....			100		92. For 8-inch gas pipe, per lineal foot.....			540	
(c) For 8-inch vitrified pipe, per lineal foot.....			6,500		94. For 12-inch gas pipe, per lineal foot.....			270	
(d) For 6-inch vitrified pipe, per lineal foot.....			200		95. For 16-inch gas pipe, per lineal foot.....			470	
(e) For 4-inch vitrified pipe, per lineal foot.....			100		96. For 20-inch gas pipe, per lineal foot.....			180	
(f) For 8-inch cast-iron pipe, per lineal foot.....					New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
(g) For 6-inch cast-iron pipe, per lineal foot.....			100		100. For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....			40	
(h) For 4-inch cast-iron pipe, per lineal foot.....			8,570		101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....			10	
18. For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....			609,000		Air Pipes—Items 121 to 124.				
19. For riveted steel, painted and erected, per ton of two thousand pounds.....			4,390		For air pipe in place, as follows:				
20. For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....			3,650		121. For 6-inch air pipe, per lineal foot.....			130	
21. For steel rods and bars built in concrete, per ton of two thousand pounds.....			380		122. For 8-inch air pipe, per lineal foot.....			500	
24. For cast-iron columns, erected and painted, per ton of two thousand pounds.....			52		123. For new 6-inch air pipe, delivered on the work, per lineal foot.....			30	
25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....			18		124. For new 8-inch air pipe, delivered on the work, per lineal foot.....			100	
26. For wire mesh, in place, per pound.....			5,900		Mail Tubes—Items 125 and 126.				
27. For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....			9,783		125. For 8-inch mail tube, in place, per lineal foot.....			1,900	
28. For steel gratings for ventilation, in place, including frames, etc., per square foot.....			10,100		126. For new 8-inch mail tube, delivered on work, per ton of two thousand pounds.....			10	
29. For vault lights, in place, per square foot.....			8,150		DUCTS IN STREETS.				
30. For street surface restored:					Electric Ducts and Conduits in Streets.				
(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....			9,970		(Other than tunnel ducts and street railroad ducts which are provided for in items 18 and 75-a.)				
(b) For temporary repavement and maintenance of roadways, per square yard.....			15,430		127. For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....			106,000	
32. For wrought-iron or fibre electric conduits, in place in stations, as follows:					(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of three hundred and fifty thousand dollars (\$350,000) in the form hereto annexed with the following named Sureties, viz.:				
(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....			23,100		(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of....., in The City of New York. Such delivery shall be sufficient notice to the undersigned.				
(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....			1,070		(4) At the time of delivering this proposal to the Commission, the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.				
(c) For two-inch (2-inch) wrought-iron, per lineal foot.....			575		(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.				
(d) For two-inch (2-inch) fibre, per lineal foot.....			6,610		(6) There are no persons interested with the undersigned in this Proposal, except*				
33. For cast-iron outlet boxes, in place in stations, each.....			994		(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.				
34. For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....			440		Dated the....., 1910.				
SEWERS—ITEMS 37 TO 74.					Affidavit of Verification.				
Vitrified and Cast-Iron Pipe—Items 37 to 43.					State of New York, City and County of New York, ss.:..... being duly sworn, says: I am.....				
38. For 15-inch vitrified pipe sewer, per lineal foot.....			2,887		the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.				
39. For 18-inch vitrified pipe sewer, per lineal foot.....			830		Sworn to before me this.....day of....., 1910.				
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.					ROUTE 5, SECTION 8, 53RD STREET TO 67TH STREET.				
45. For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....			1,044		Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.				
47. For 4 feet 0 inches by 2 feet 8 inches, per lineal foot.....			806		(Route 5, Section 8.)				
Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.					Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:				
53. For 4 feet 0 inches, per lineal foot.....			300		Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.				
58. For 5 feet 6 inches, in tunnel, per lineal foot.....			257		To the Public Service Commission for the First District:				
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.					1. The undersigned*.....				
75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:					*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."				
(a) For electric railroads, per lineal foot of single track.....			7,192		†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."				
(b) For horse railroads, per lineal foot of single track.....					*The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).				
76. For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column.....			4						
PIPES IN STREETS—ITEMS 77 TO 126.									
For Work and Material as Called for by Section 71 of the Specifications.									
Water and Gas Pipes—Items 77 to 108.									
Water Pipes—Items 77 to 88.									
For water pipes, in place, as follows:									
78. For 4-inch water pipe, per lineal foot....			100						
79. For 6-inch water pipe, per lineal foot....			800						

do.....hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 8 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids, and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		172,700	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		24,000	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		54,000	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		2,200	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		1,743	
	(b) For buildings from seven to twelve stories in height, per front foot.....			
	(c) For buildings over twelve stories in height, per front foot.....			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		78,900	
6.	For concrete masonry, in place, per cubic yard.....		45,100	
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard.....		430	
8.	For rubble stone masonry, in place, per cubic yard.....		3,750	
9.	For brick masonry, in place, per cubic yard.....		3,480	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		470	
11.	For grout of Portland cement, per barrel of Portland cement used.....		2,000	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		2,400	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		3,050	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		7,600	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		430	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot.....		100	
	(b) For 10-inch vitrified pipe, per lineal foot.....		100	
	(c) For 8-inch vitrified pipe, per lineal foot.....		7,100	
	(d) For 6-inch vitrified pipe, per lineal foot.....		200	
	(e) For 4-inch vitrified pipe, per lineal foot.....		100	
	(f) For 8-inch cast-iron pipe, per lineal foot.....			
	(g) For 6-inch cast-iron pipe, per lineal foot.....		100	
	(h) For 4-inch cast-iron pipe, per lineal foot.....		11,170	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		569,000	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		1,417	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		760	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,305	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		5	
26.	For wire mesh, in place, per pound.....		1,370	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		12,758	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		8,560	
29.	For vault lights, in place, per square foot.....		5,600	

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		8,710	
	(b) For temporary repavement and maintenance of roadways, per square yard..		17,190	
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot.....		7,865	
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot.....		706	
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		380	
	(d) For two-inch (2-inch) fibre, per lineal foot.....		2,200	
33.	For cast-iron outlet boxes in place, in stations, each.....		494	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....		90	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot.....		1,596	
39.	For 18-inch vitrified pipe sewer, per lineal foot.....		1,758	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot.....		1,863	
47.	For 4 feet 0 inches by 2 feet 8 inches per lineal foot.....		342	
Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.				
59.	For 5 feet 9 inches per lineal foot.....		268	
60.	For 6 feet 0 inches per lineal foot.....		260	
63.	For 7 feet 0 inches per lineal foot.....		870	
65.	For 8 feet 9 inches per lineal foot.....		520	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track.....		7,624	
	(b) For horse railroads, per lineal foot of single track.....			
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot...		100	
79.	For 6-inch water pipe, per lineal foot...		680	
84.	For 20-inch water pipe, per lineal foot...		60	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot.....		400	
91.	For 6-inch gas pipe, per lineal foot.....		800	
92.	For 8-inch gas pipe, per lineal foot.....		900	
95.	For 16-inch gas pipe, per lineal foot.....		60	
96.	For 20-inch gas pipe, per lineal foot.....		1,000	
98.	For 30-inch gas pipe, per lineal foot.....		250	
New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		36	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		9	
Air Pipes—Items 121 to 124.				
For air pipe in place, as follows:				
122.	For 8-inch air pipe, per lineal foot.....		550	
124.	For new 8-inch air pipe, delivered on the work, per lineal foot.....		100	
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		121,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and

that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

....., being duly sworn, says: "I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 9, 67TH STREET TO 79TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 9.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... do

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 9 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		101,100	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		18,000	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		48,400	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		500	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
(a)	For buildings less than seven stories in height, per front foot.....		350	
(b)	For buildings from seven to twelve stories in height, per front foot.....			
(c)	For buildings over twelve stories in height, per front foot.....			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		60,900	
6.	For concrete masonry in place, per cubic yard.....		36,360	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.....		900	
8.	For rubble stone masonry in place, per cubic yard.....		4,650	
9.	For brick masonry, in place, per cubic yard.....		2,740	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		525	
11.	For grout of Portland cement, per barrel of Portland cement used.....		2,000	
14.	For broken stone or gravel in place, other than that used in concrete, per cubic yard.....		1,300	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co, composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard.....		4,860	
(b)	For 2-ply, per square yard.....		100	
(c)	For 3-ply, per square yard.....		7,950	
(d)	For 4-ply, per square yard.....		100	
(e)	For 5-ply, per square yard.....		100	
(f)	For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		824	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
(a)	For 12-inch vitrified pipe, per lineal foot.....		100	
(b)	For 10-inch vitrified pipe, per lineal foot.....		100	
(c)	For 8-inch vitrified pipe, per lineal foot.....		6,490	
(d)	For 6-inch vitrified pipe, per lineal foot.....		200	
(e)	For 4-inch vitrified pipe, per lineal foot.....		100	
(f)	For 8-inch cast-iron pipe, per lineal foot.....			
(g)	For 6-inch cast-iron pipe, per lineal foot.....		100	
(h)	For 4-inch cast-iron pipe, per lineal foot.....		8,540	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		491,400	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		994	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		695	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		1,017	
24.	For cast iron columns erected and painted, per ton of two thousand pounds.....		52	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		5	
26.	For wire mesh, in place, per pound.....		1,300	
27.	For one and one-half-inch (1½-in.) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		10,520	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		5,580	
29.	For vault lights, in place, per square foot.....		2,620	
30.	For street surface restored:			
(a)	Sidewalks, including curbs and all structures and growths therein and thereon, per square yard.....		4,790	
(b)	For temporary repavement and maintenance of roadways, per square yard.....		15,760	
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
(a)	For three-fourths-inch (¾-in.) wrought-iron, per lineal foot.....		14,045	
(b)	For one and one-half-inch (1½-in.) wrought-iron, per lineal foot.....		478	
(c)	For two-inch (2-in.) wrought-iron, per lineal foot.....		256	
(d)	For two-inch (2-in.) fibre, per lineal foot.....		4,400	
33.	For cast-iron outlet boxes in place, in stations, each.....		612	
34.	For six-inch (6-in.) cast-iron pipe and fittings, including specials ("extra heavy"), in place, in stations per lineal foot.....		300	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot.....		2,800	
39.	For 18-inch vitrified pipe sewer, per lineal foot.....		530	
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds.....		12	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3-foot 6-inch by 2-foot 4-inch, per lineal foot.....		1,250	
Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.				
60.	For 6-foot 0-inch, per lineal foot.....		1,200	
62.	For 6-foot 6-inch, per lineal foot.....		240	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
(a)	For electric railroads, per lineal foot of single track.....		6,196	
(b)	For horse railroads, per lineal foot of single track.....			
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
78.	For 4-inch water pipe, per lineal foot.....		100	
79.	For 6-inch water pipe, per lineal foot.....		330	
82.	For 12-inch water pipe, per lineal foot.....		1,050	
For water pipes in place, as follows:				
83.	For 16-inch water pipe, per lineal foot.....		100	

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot.....		330	
91.	For 6-inch gas pipe, per lineal foot.....		1,200	
92.	For 8-inch gas pipe, per lineal foot.....		280	
94.	For 12-inch gas pipe, per lineal foot.....		290	
96.	For 20-inch gas pipe, per lineal foot.....		530	
New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		30	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		8	
Air Pipes—Items 121 to 124.				
For air pipe in place, as follows:				
122.	For 8-inch air pipe, per lineal foot.....		410	
124.	For new 8-inch air pipe, delivered on the work, per lineal foot.....		100	
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		170,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that the Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

..... being duly sworn, says: I am the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of, 1910.

ROUTE 5, SECTION 10, 79TH STREET TO 93RD STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 10.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned,, do

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 10 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of"; if a corporation, say "the (President or other officer duly authorized) of the Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		44,700	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		2,500	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		150,100	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		700	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		910	
	(b) For buildings from seven to twelve stories in height, per front foot.....		100	
	(c) For buildings over twelve stories in height, per front foot.....			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		91,800	
6.	For concrete masonry, in place, per cubic yard.....		49,540	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.....		260	
8.	For rubble stone masonry in place, per cubic yard.....		2,300	
9.	For brick masonry, in place, per cubic yard.....		1,940	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		65	
11.	For grout of Portland cement, per barrel of Portland cement used.....		2,500	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		1,000	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		5,820	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		4,820	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		595	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot.....		100	
	(b) For 10-inch vitrified pipe, per lineal foot.....		100	
	(c) For 8-inch vitrified pipe, per lineal foot.....		4,100	
	(d) For 6-inch vitrified pipe, per lineal foot.....		200	
	(e) For 4-inch vitrified pipe, per lineal foot.....		100	
	(f) For 8-inch cast-iron pipe, per lineal foot.....			
	(g) For 6-inch cast-iron pipe, per lineal foot.....		100	
	(h) For 4-inch cast-iron pipe, per lineal foot.....		10,300	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....		576,300	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		2,655	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		2,574	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		588	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		5	
26.	For wire mesh, in place, per pound.....		6,970	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		14,968	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		6,070	
29.	For vault lights, in place, per square foot.....		234	
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		4,130	
	(b) For temporary repavement and maintenance of roadways, per square yard.....		8,340	
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		9,065	
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....		908	
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		477	
	(d) For two-inch (2-inch) fibre, per lineal foot.....		4,400	

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder.
33.	For cast-iron outlet boxes in place, in stations, each		466	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		75	
SEWERS—ITEMS 37 TO 74. Vitrified and Cast-iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot		1,985	
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds		25	
Egg-shaped Brick or Concrete Sewers—Items 44 to 51.				
44.	For 3 feet 0 inches by 2 feet 0 inches, per lineal foot		*(80)	
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot		95	
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot		*(210)	
51.	For 5 feet 2 inches by 3 feet 5 inches, per lineal foot		*(70)	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track		3,900	
	(b) For horse railroads, per lineal foot of single track			
PIPES IN STREETS—ITEMS 77 TO 126. For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot....		100	
79.	For 6-inch water pipe, per lineal foot....		120	
82.	For 12-inch water pipe, per lineal foot....		460	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot....		200	
91.	For 6-inch gas pipe, per lineal foot....		540	
92.	For 8-inch gas pipe, per lineal foot....		350	
94.	For 12-inch gas pipe, per lineal foot....		100	
96.	For 20-inch gas pipe, per lineal foot....		120	
New Cast-iron Hub and Spigot Water and Gas Pipes—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		12	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		3	
Air Pipes—Items 121 to 124.				
For air pipe, in place, as follows:				
121.	For 6-inch air pipe, per lineal foot.....		150	
DUCTS IN STREETS. Electric Ducts and Conduits in Streets. (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		19,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum or specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate

*Included in Railroad construction under Section 424 of the specifications.

as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the, 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

....., being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of, 1910.

ROUTE 5, SECTION 11, 93d STREET TO 106TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 11.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... do..

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 11 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		52,100	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		22,700	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		3,600	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		81,300	
3a.	For rock excavation, for sewers and pipes, including the disposal of it, etc., per cubic yard		1,900	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		2,300	
	(b) For buildings from seven to twelve stories in height, per front foot.....			
	(c) For buildings over twelve stories in height, per front foot.....			
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard		82,900	
6.	For concrete masonry, in place, per cubic yard		39,170	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard		2,060	
8.	For rubble stone masonry in place, per cubic yard		2,270	
9.	For brick masonry, in place, per cubic yard		1,880	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		1,340	
11.	For grout of Portland cement, per barrel of Portland cement used.....		2,500	
12.	For timber piles, in place, and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		1,760	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		17,850	
	(b) For 2-ply, per square yard.....		100	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of"; if a corporation, say "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(c) For 3-ply, per square yard.....			8,800		<i>Gas Pipes—Items 89 to 99.</i>				
(d) For 4-ply, per square yard.....			100		For gas pipes in place, as follows:				
(e) For 5-ply, per square yard.....			100		90. For 4-inch gas pipe, per lineal foot.....		100		
(f) For 6-ply, per square yard.....			100		91. For 6-inch gas pipe, per lineal foot.....		1,260		
16. For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....			2,500		92. For 8-inch gas pipe, per lineal foot.....		930		
17. For vitrified or cast-iron drain pipe, in place, as follows:					<i>New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.</i>				
(a) For 12-inch vitrified pipe, per lineal foot.....			2,340		100. For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		29		
(b) For 10-inch vitrified pipe, per lineal foot.....			100		101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		7		
(c) For 8-inch vitrified pipe, per lineal foot.....			2,200		<i>DUCTS IN STREETS.</i>				
(d) For 6-inch vitrified pipe, per lineal foot.....			100		<i>Electric Ducts and Conduits in Streets.</i>				
(e) For 4-inch vitrified pipe, per lineal foot.....			100		(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a).				
(f) For 8-inch cast-iron pipe, per lineal foot.....					127. For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		38,000		
(g) For 6-inch cast-iron pipe, per lineal foot.....			100		(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of three hundred thousand dollars (\$300,000) in the form hereto annexed with the following named Sureties, viz.:				
(h) For 4-inch cast-iron pipe, per lineal foot.....			8,730		(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No..... on the..... floor of the building No..... in the Borough of..... in the City of New York. Such delivery shall be sufficient notice to the undersigned.				
18. For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot.....			409,480		(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars (\$10,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.				
19. For riveted steel, painted and erected, per ton of two thousand pounds.....			1,480		(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.				
20. For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....			2,480		(6) There are no persons interested with the undersigned in this Proposal, except*.				
21. For steel rods and bars built in concrete, per ton of two thousand pounds.....			300		(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.				
25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....			7		Dated the..... 1910.				
26. For wire mesh, in place, per pound.....			6,640		<i>Affidavit of Verification.</i>				
27. For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....			6,960		State of New York, City and County of New York, ss.:				
28. For steel gratings for ventilation, in place, including frames, etc., per square foot.....			5,535		being duly sworn, says, I am.....				
29. For vault lights, in place, per square foot.....			4,420		the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.				
30. For street surface restored:					Sworn to before me this..... day of....., 1910.				
(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....			5,570		ROUTE 5, SECTION 12, 106TH STREET TO 118TH STREET.				
(b) For temporary repavement and maintenance of roadways, per square yard.....			9,470		<i>Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.</i>				
32. For wrought-iron or fibre electric conduits, in place, in stations, as follows:					(Route 5, Section 12).				
(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....			15,260		Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:				
(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot.....			373		Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.				
(c) For two-inch (2-inch) wrought-iron, per lineal foot.....			187		<i>To the Public Service Commission for the First District:</i>				
(d) For two-inch (2-inch) fibre, per lineal foot.....			2,160		1. The undersigned.....				
33. For cast-iron outlet boxes in place in stations, each.....			587		hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 12 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission				
34. For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....			250		*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."				
<i>SEWERS—ITEMS 37 TO 74.</i>					†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the..... Company."				
<i>Vitrified and Cast-iron Pipe—Items 37 to 43.</i>					‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).				
38. For 15-inch vitrified pipe sewer, per lineal foot.....			1,405						
42. For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds.....			51						
<i>Egg-shaped Brick or Concrete Sewers—Items 44 to 51.</i>									
45. For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....			*975						
46. For 3 feet 9 inches by 2 feet 6 inches, per lineal foot.....			*308						
<i>SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.</i>									
75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:									
(a) For electric railroads, per lineal foot of single track.....			3,560						
(b) For horse railroads, per lineal foot of single track.....			†40						
<i>PIPES IN STREETS—ITEMS 77 TO 126.</i>									
<i>For Work and Material as Called for by Section 71 of the Specifications.</i>									
<i>Water and Gas Pipes—Items 77 to 108.</i>									
<i>Water Pipes—Items 77 to 88.</i>									
<i>For water pipes in place, as follows:</i>									
78. For 4-inch water pipe, per lineal foot....			100						
79. For 6-inch water pipe, per lineal foot....			580						
82. For 12-inch water pipe, per lineal foot....			660						
88. For 48-inch water pipe, per lineal foot....			170						

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.
†Yard supply tracks for elevated railroad.

reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		126,000	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		93,000	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		11,300	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		12,820	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....		4,680	
	(b) For buildings from seven to twelve stories in height, per front foot.....			
	(c) For buildings over twelve stories in height, per front foot.....			
6.	For concrete masonry, in place, per cubic yard.....		42,535	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.....		5,480	
8.	For rubble stone masonry in place, per cubic yard.....		874	
9.	For brick masonry, in place, per cubic yard.....		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		1,212	
12.	For timber piles, in place, and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		3,450	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....		37,870	
	(b) For 2-ply, per square yard.....		100	
	(c) For 3-ply, per square yard.....		5,300	
	(d) For 4-ply, per square yard.....		100	
	(e) For 5-ply, per square yard.....		100	
	(f) For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic in place, per cubic yard.....		6,053	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot.....		2,634	
	(b) For 10-inch vitrified pipe, per lineal foot.....		100	
	(c) For 8-inch vitrified pipe, per lineal foot.....		685	
	(d) For 6-inch vitrified pipe, per lineal foot.....		200	
	(e) For 4-inch vitrified pipe, per lineal foot.....		100	
	(f) For 8-inch cast-iron pipe, per lineal foot.....			
	(g) For 6-inch cast-iron pipe, per lineal foot.....		100	
	(h) For 4-inch cast-iron pipe, per lineal foot.....		2,225	
18.	For tunnel ducts, in place as required by section 305 of the specifications, per duct foot.....		319,490	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		754	
20.	For steel beams and shapes with connections painted and erected, per ton of two thousand pounds.....		4,163	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		95	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		12	
26.	For wire mesh, in place, per pound.....		12,760	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		6,320	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		8,440	
29.	For vault lights, in place, per square foot.....		8,900	
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		8,230	
	(b) For temporary repavement and maintenance of roadways, per square yard.....		17,330	
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		12,455	
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot.....		373	
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....		187	
	(d) For two-inch (2-inch) fibre, per lineal foot.....		2,160	
33.	For cast-iron outlet boxes in place in stations, each.....		720	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot.....		275	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-Iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot.....		2,418	
39.	For 18-inch vitrified pipe sewer, per lineal foot.....		830	
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds.....		568	
43.	For cast-iron sewer pipe (special casting) in place in the work, per ton of two thousand pounds.....		130	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot.....		1,296	
Additional Sewer Construction—Items 73 and 74.				
73.	For six (6) inch centrifugal pump and motor and appurtenances in place complete, capacity 1,000 gallons per minute against 20 foot head, power—550 Volts D. C.....		1	
74.	For eight (8) inch centrifugal pump and motor and appurtenances in place complete, capacity 1,800 gallons per minute against 20 foot head, power—550 Volts D. C.....		1	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric railroads, per lineal foot of single track.....		6,585	
	(b) For horse railroads, per lineal foot of single track.....		310	
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot.....		100	
79.	For 6-inch water pipe, per lineal foot.....		440	
82.	For 12-inch water pipe, per lineal foot.....		1,480	
84.	For 20-inch water pipe, per lineal foot.....		190	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
90.	For 4-inch gas pipe, per lineal foot.....		830	
91.	For 6-inch gas pipe, per lineal foot.....		1,530	
92.	For 8-inch gas pipe, per lineal foot.....		550	
95.	For 16-inch gas pipe, per lineal foot.....		130	
96.	For 20-inch gas pipe, per lineal foot.....		190	
97.	For 24-inch gas pipe, per lineal foot.....		100	
99.	For 36-inch gas pipe, per lineal foot.....		130	
New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		40	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		10	
DUCTS IN STREETS.				
Electric Ducts and Conduits in Streets.				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		83,000	
(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of four hundred thousand dollars (\$400,000) in the form hereto annexed with the following named Sureties, viz.:				
(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.				
(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of twelve thousand five hundred dollars (\$12,500). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of				

such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal except

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

....., being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 13, 118TH STREET TO 129TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 13.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... do..

hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 13 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		79,320	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		51,360	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard		2,400	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard		207,460	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard		260	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
(a)	For buildings less than seven stories in height, per front foot		3,300	
(b)	For buildings from seven to twelve stories in height, per front foot		95	
(c)	For buildings over twelve stories in height, per front foot			
6.	For concrete masonry, in place, per cubic yard		50,215	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard		3,570	
8.	For rubble stone masonry in place, per cubic yard		1,200	
9.	For brick masonry, in place, per cubic yard		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard		450	
12.	For timber piles, in place, and prepared, per lineal foot		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		2,800	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard		27,360	
(b)	For 2-ply, per square yard		100	
(c)	For 3-ply, per square yard		3,190	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
(d)	For 4-ply, per square yard		100	
(e)	For 5-ply, per square yard		100	
(f)	For 6-ply, per square yard		590	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard		4,660	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
(a)	For 12-inch vitrified pipe, per lineal foot		1,102	
(b)	For 10-inch vitrified pipe, per lineal foot		100	
(c)	For 8-inch vitrified pipe, per lineal foot		3,060	
(d)	For 6-inch vitrified pipe, per lineal foot		200	
(e)	For 4-inch vitrified pipe, per lineal foot		100	
(f)	For 8-inch cast-iron pipe, per lineal foot			
(g)	For 6-inch cast-iron pipe, per lineal foot		100	
(h)	For 4-inch cast-iron pipe, per lineal foot		6,790	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot		291,770	
19.	For riveted steel, painted and erected, per ton of two thousand pounds		5,585	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds		3,905	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds		90	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds ..		12	
26.	For wire mesh, in place, per pound		21,320	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		6,260	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot ..		5,220	
29.	For vault lights, in place, per square foot ..		3,960	
30.	For street surface restored:			
(a)	Sidewalks including curbs and all structures and growths therein and thereon, per square yard		8,940	
(b)	For temporary repavement and maintenance of roadways, per square yard ..		14,730	
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
(a)	For three-fourths-inch (¾-inch) wrought-iron, per lineal foot		4,770	
(b)	For one and one-half-inch (1½-inch) wrought-iron, per lineal foot		820	
(c)	For two-inch (2-inch) wrought-iron, per lineal foot		410	
(d)	For two-inch (2-inch) fibre, per lineal foot		4,320	
33.	For cast-iron outlet boxes in place in stations, each		480	
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		245	
SEWERS—ITEMS 37 TO 74.				
Vitrified and Cast-iron Pipe—Items 37 to 43.				
38.	For 15-inch vitrified pipe sewer, per lineal foot		*514	
39.	For 18-inch vitrified pipe sewer, per lineal foot		*270	
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds		10	
Egg-shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot		*677	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
(a)	For electric railroads, per lineal foot of single track		5,980	
(b)	For horse railroads, per lineal foot of single track			
PIPES IN STREETS—ITEMS 77 TO 126.				
For Work and Material as Called for by Section 71 of the Specifications.				
Water and Gas Pipes—Items 77 to 108.				
Water Pipes—Items 77 to 88.				
For water pipes in place, as follows:				
78.	For 4-inch water pipe, per lineal foot		100	
79.	For 6-inch water pipe, per lineal foot		1,670	
82.	For 12-inch water pipe, per lineal foot		1,420	
84.	For 20-inch water pipe, per lineal foot		120	
87.	For 36-inch water pipe, per lineal foot		120	
Gas Pipes—Items 89 to 99.				
For gas pipes in place, as follows:				
89.	For 3-inch gas pipe, per lineal foot		170	
90.	For 4-inch gas pipe, per lineal foot		860	

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
91.	For 6-inch gas pipe, per lineal foot.....		3,430	
92.	For 8-inch gas pipe, per lineal foot.....		2,370	
93.	For 10-inch gas pipe, per lineal foot.....		230	
94.	For 12-inch gas pipe, per lineal foot.....		120	
<i>New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.</i>				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		53	
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		13	
<i>Air Pipes—Items 121 to 124.</i>				
For air pipe in place, as follows:				
122.	For 8-inch air pipe, per lineal foot.....		210	
<i>Mail Tubes—Items 125 and 126.</i>				
125.	For 8-inch mail tube in place, per lineal foot		1,200	
126.	For new 8-inch mail tube, delivered on the work, per ton of two thousand pounds		6	
DUCTS IN STREETS.				
<i>Electric Ducts and Conduits in Streets.</i>				
(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....		63,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract a bond in the sum of four hundred thousand dollars (\$400,000) in the form hereto annexed with the following named Sureties, viz:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of twelve thousand five hundred dollars (\$12,500). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the, 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

....., being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 14, 129TH STREET TO MOTT AVENUE, TYPE H.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad. (Route 5, Section 14.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... do hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 14 of Route 5, in accordance with the type of tunnel construction designated "H" and to

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of"; if a corporation, say "the (President or other officer duly authorized) of the Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

furnish all necessary labor, materials, machinery, tools, apparatus, and other means of construction, and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated.

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
TUNNEL TUBES.				
*35.	For tube tunnel under Harlem River as per type "H," per lineal foot of four-track tube complete.....		1,110	
APPROACHES.				
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		47,970	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		156,650	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		1,565	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		24,480	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
(a)	For buildings less than seven stories in height, per front foot.....		850	
(b)	For buildings from seven to twelve stories in height, per front foot.....			
(c)	For buildings over twelve stories in height, per front foot.....			
6.	For concrete masonry, in place, per cubic yard		38,600	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard		5,140	
8.	For rubble stone masonry in place, per cubic yard		1,370	
9.	For brick masonry, in place, per cubic yard		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		100	
12.	For timber piles, in place, and prepared, per lineal foot.....		10,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
(a)	For 1-ply, per square yard.....		44,830	
(b)	For 2-ply, per square yard.....		100	
(c)	For 3-ply, per square yard.....		310	
(d)	For 4-ply, per square yard.....		100	
(e)	For 5-ply, per square yard.....		100	
(f)	For 6-ply, per square yard.....		100	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		7,380	
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
(a)	For 12-inch vitrified pipe, per lineal foot		100	
(b)	For 10-inch vitrified pipe, per lineal foot		100	
(c)	For 8-inch vitrified pipe, per lineal foot		100	
(d)	For 6-inch vitrified pipe, per lineal foot		100	
(e)	For 4-inch vitrified pipe, per lineal foot		100	
(f)	For 8-inch cast-iron pipe, per lineal foot		100	
(g)	For 6-inch cast-iron pipe, per lineal foot		100	
(h)	For 4-inch cast-iron pipe, per lineal foot		100	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot		179,000	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		6,200	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		690	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		550	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds		12	
26.	For wire mesh, in place, per pound.....		16,340	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		5,330	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot..		1,560	
29.	For vault lights, in place, per square foot		100	

*See note under Item 12 of Approaches.

†The price bid for Item 12 to apply also to any piles ordered under section 127 of the specifications.

Item.	Classification.	Unit Price.	Estimated Quantity.	This Column not to be Used by Bidder.
30.	For street surface restored: (a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		3,500	
	(b) For temporary repavement and maintenance of roadways, per square yard..		7,095	
	SEWERS—ITEMS 37 TO 74. Vitrified and Cast-Iron Pipe—Items 37 to 43.			
39.	For 18-inch vitrified pipe sewer, per lineal foot		290	
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		*50	
47.	For 4 feet 2 inches by 2 feet 8 inches, per lineal foot.....		†(60)	
	Sewers of Special Forms—Items 67 to 72.			
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot.....		†(985)	
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows: (a) For electric railroads, per lineal foot of single track.....		1,550	
	(b) For horse railroads, per lineal foot of single track			
	PIPES IN STREETS—ITEMS 77 TO 126. For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88. For water pipes, in place, as follows: 78. For 4-inch water pipe, per lineal foot....		100	
	79. For 6-inch water pipe, per lineal foot....		100	
	82. For 12-inch water pipe, per lineal foot....		100	
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		1	
	DUCTS IN STREETS. Electric Ducts and Conduits in Streets. (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....		2,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of five hundred thousand dollars (\$500,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except:

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the, 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

..... being duly sworn, says: I am:

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

§If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of .."; if a corporation, say, "the (President or other officer duly authorized) of the .. Company."

the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of, 1910.

ROUTE 5, SECTION 14, 129TH STREET TO MOTT AVENUE, TYPE K.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 14.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned* hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 14 of Route 5, in accordance with the type of tunnel construction designated "K," and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

TYPE K.

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Quantity.	This Column not to be Used by Bidder.
	TUNNEL TUBES.			
†36.	For tube tunnel under Harlem River, as per type "K," per lineal foot of four-track tube complete.....		1,080	
	APPROACHES.			
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		49,510	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		156,100	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		1,565	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		27,620	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows: (a) For buildings less than seven stories in height, per front foot..... (b) For buildings from seven to twelve stories in height, per front foot..... (c) For buildings over twelve stories in height, per front foot.....		850	
6.	For concrete masonry, in place, per cubic yard		39,000	
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard		5,130	
8.	For rubble stone masonry, in place, per cubic yard		1,370	
9.	For brick masonry, in place, per cubic yard		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		100	
†12.	For timber piles, in place, and prepared, per lineal foot.....		10,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows: (a) For 1-ply, per square yard..... (b) For 2-ply, per square yard..... (c) For 3-ply, per square yard..... (d) For 4-ply, per square yard..... (e) For 5-ply, per square yard..... (f) For 6-ply, per square yard.....		45,000	
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		7,420	
17.	For vitrified or cast-iron drain pipe, in place, as follows: (a) For 12-inch vitrified pipe, per lineal foot		100	
	(b) For 10-inch vitrified pipe, per lineal foot		100	
	(c) For 8-inch vitrified pipe, per lineal foot		100	
	(d) For 6-inch vitrified pipe, per lineal foot		100	
	(e) For 4-inch vitrified pipe, per lineal foot		100	
	(f) For 8-inch cast-iron pipe, per lineal foot		100	
	(g) For 6-inch cast-iron pipe, per lineal foot		100	
	(h) For 4-inch cast-iron pipe, per lineal foot		100	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot		180,420	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		6,620	
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		580	

*The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

†Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		550	
25.	For miscellaneous iron castings other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds.....		12	
26.	For wire mesh, in place, per pound.....		17,380	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot.....		5,460	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		1,560	
29.	For vault lights, in place, per square foot.....		100	
30.	For street surface restored: (a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard..... (b) For temporary repavement and maintenance of roadways, per square yard.....		3,500 7,355	
SEWERS—ITEMS 37 TO 74. Vitrified and Cast-Iron Pipe—Items 37 to 43.				
39.	For 18-inch vitrified pipe sewer, per lineal foot.....		290	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		*50	
47.	For 4 feet 2 inches by 2 feet 8 inches, per lineal foot.....		†(60)	
Sewers of Special Forms—Items 67 to 72.				
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot.....		†(985)	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows: (a) For electric railroads, per lineal foot of single track..... (b) For horse railroads, per lineal foot of single track.....		1,550	
PIPES IN STREETS—ITEMS 77 TO 126. For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88. For water pipes, in place, as follows: 78. For 4-inch water pipe, per lineal foot.... 79. For 6-inch water pipe, per lineal foot.... 82. For 12-inch water pipe, per lineal foot.... New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		1	
DUCTS IN STREETS. Electric Ducts and Conduits in Streets. (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....		2,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of five hundred thousand dollars (\$500,000) in the form hereto annexed with the following named Sureties, viz:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No..... on the floor of the building No..... in the Borough of..... in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

(6) There are no persons interested with the undersigned in this Proposal, except*
(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

..... being duly sworn, says: I am..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 15, MOTT AVENUE TO 157TH STREET AND TO ALEXANDER AVENUE.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 15.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned..... hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 15 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		106,630	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		71,900	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		16,900	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		265,000	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		900	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows: (a) For buildings less than seven stories in height, per front foot..... (b) For buildings from seven to twelve stories in height, per front foot..... (c) For buildings over twelve stories in height, per front foot.....		1,200	
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard.....		10,460	
6.	For concrete masonry, in place, per cubic yard.....		78,000	
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard.....		5,060	
8.	For rubble stone masonry, in place, per cubic yard.....		360	
9.	For brick masonry, in place, per cubic yard.....		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		3,200	
11.	For grout of Portland cement, per barrel of Portland cement used.....		500	
12.	For timber piles, in place, and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard.....		5,400	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		550	
25.	For miscellaneous iron castings other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds		12	
26.	For wire mesh, in place, per pound.....		17,380	
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		5,460	
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.....		1,560	
29.	For vault lights, in place, per square foot		100	
30.	For street surface restored: (a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard..... (b) For temporary repavement and maintenance of roadways, per square yard.....		3,500 7,355	
SEWERS—ITEMS 37 TO 74. Vitrified and Cast-Iron Pipe—Items 37 to 43.				
39.	For 18-inch vitrified pipe sewer, per lineal foot		290	
Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.				
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		*50	
47.	For 4 feet 2 inches by 2 feet 8 inches, per lineal foot		†(60)	
Sewers of Special Forms—Items 67 to 72.				
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot		†(985)	
SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.				
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows: (a) For electric railroads, per lineal foot of single track..... (b) For horse railroads, per lineal foot of single track		1,550	
PIPES IN STREETS—ITEMS 77 TO 126. For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88.				
For water pipes, in place, as follows:				
78.	For 4-inch water pipe, per lineal foot....		100	
79.	For 6-inch water pipe, per lineal foot....		100	
82.	For 12-inch water pipe, per lineal foot....		100	
New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.				
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		1	
DUCTS IN STREETS. Electric Ducts and Conduits in Streets. (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)				
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....		2,000	

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of five hundred thousand dollars (\$500,000) in the form hereto annexed with the following named Sureties, viz.:

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. on the floor of the building No. in the Borough of in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

(6) There are no persons interested with the undersigned in this Proposal, except*
(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

being duly

sworn, says: I am.....
the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 15, MOTT AVENUE TO 157TH STREET AND TO ALEXANDER AVENUE.
Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 15.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned.....
do.....hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 15 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		106,630	
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		71,900	
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....		16,900	
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....		265,000	
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....		900	
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows: (a) For buildings less than seven stories in height, per front foot..... (b) For buildings from seven to twelve stories in height, per front foot..... (c) For buildings over twelve stories in height, per front foot.....		1,200	
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard		10,460	
6.	For concrete masonry, in place, per cubic yard		78,000	
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard		5,060	
8.	For rubble stone masonry, in place, per cubic yard		360	
9.	For brick masonry, in place, per cubic yard		100	
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....		3,200	
11.	For grout of Portland cement, per barrel of Portland cement used.....		500	
12.	For timber piles, in place, and prepared, per lineal foot.....		1,000	
13.	For timber foundations, placed and fastened, per thousand feet B. M.....		2M	
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard		5,400	

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.	Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:					(b) For horse railroads, per lineal foot of single track			
(a)	For 1-ply, per square yard.....		37,400		76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column.....		8	
(b)	For 2-ply, per square yard.....		100			PIPES IN STREETS—ITEMS 77 TO 126.			
(c)	For 3-ply, per square yard.....		8,150			For Work and Material as Called for by Section 71 of the Specifications.			
(d)	For 4-ply, per square yard.....		100			Water and Gas Pipes—Items 77 to 108.			
(e)	For 5-ply, per square yard.....		100			Water Pipes—Items 77 to 88.			
(f)	For 6-ply, per square yard.....		100			For water pipes, in place, as follows:			
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....		6,100		78.	For 4-inch water pipe, per lineal foot....		100	
17.	For vitrified or cast-iron drain pipe, in place, as follows:				79.	For 6-inch water pipe, per lineal foot....		1,550	
(a)	For 12-inch vitrified pipe, per lineal foot		210		82.	For 12-inch water pipe, per lineal foot....		1,350	
(b)	For 10-inch vitrified pipe, per lineal foot		100			Gas Pipes—Items 89 to 99.			
(c)	For 8-inch vitrified pipe, per lineal foot		7,060			For gas pipes, in place, as follows:			
(d)	For 6-inch vitrified pipe, per lineal foot		100		91.	For 6-inch gas pipe, per lineal foot.....		210	
(e)	For 4-inch vitrified pipe, per lineal foot		100		92.	For 8-inch gas pipe, per lineal foot.....		1,300	
(f)	For 8-inch cast-iron pipe, per lineal foot				94.	For 12-inch gas pipe, per lineal foot.....		180	
(g)	For 6-inch cast-iron pipe, per lineal foot		100		95.	For 16-inch gas pipe, per lineal foot....		540	
(h)	For 4-inch cast-iron pipe, per lineal foot		12,400		96.	For 20-inch gas pipe, per lineal foot....		540	
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot		508,000		97.	For 24-inch gas pipe, per lineal foot....		760	
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....		5,060			New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....		3,130		100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....		60	
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....		2,050		101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....		15	
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes; in place, per ton of two thousand pounds		32			DUCTS IN STREETS.			
26.	For wire mesh, in place, per pound.....		25,660			Electric Ducts and Conduits in Streets.			
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot		11,440			(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot		8,130		127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....		1,600	
29.	For vault lights, in place, per square foot		8,700						
30.	For street surface restored:					(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, a bond in the sum of five hundred thousand dollars (\$500,000) in the form hereto annexed with the following named Sureties, viz.:			
(a)	Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....		11,800			(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.			
(b)	For temporary repavement and maintenance of roadways, per square yard..		28,800			(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars (\$15,000). If the Commission shall notify the undersigned that this Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered, then the amount of the said check so specially deposited shall be returned to the undersigned.			
31.	For park surface restored (all classes), per square yard.....		3,180			(5) A notice of acceptance of this proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.			
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:					(6) There are no persons interested with the undersigned in this Proposal, except*			
(a)	For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....		25,000			(7) This proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.			
(b)	For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....		650			Dated the.....1910.			
(c)	For two-inch (2-inch) wrought-iron, per lineal foot.....		325			Affidavit of Verification.			
(d)	For two-inch (2-inch) fibre, per lineal foot		4,320			State of New York, City and County of New York, ss.:			
33.	For cast-iron outlet boxes, in place in stations, each		820			.....being duly sworn, says: I am.....			
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot		200			the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.			
	SEWERS—ITEMS 37 TO 74.					Sworn to before me this.....day of....., 1910.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.					Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 15, 1911.			
37.	For 12-inch vitrified pipe sewer, per lineal foot		2,900			To the Board of Estimate and Apportionment:			
38.	For 15-inch vitrified pipe sewer, per lineal foot		*2,564			Gentlemen—On October 31, 1911, the Public Service Commission for the First District transmitted to the Board of Estimate and Apportionment for its consent, the contract for the construction of Section 13, Route 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad which extends under Lexington avenue from East 118th street to East 129th street, Manhattan. In connection therewith I report as follows:			
39.	For 18-inch vitrified pipe sewer, per lineal foot		†(1,132)			Attached to the contract is a communication duly signed, sealed and attested,			
40.	For 20-inch vitrified pipe sewer, per lineal foot		†400						
41.	For 24-inch vitrified pipe sewer, per lineal foot		*102						
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds		30						
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.								
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....		960						
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.								
56.	For 5 feet 0 inches, per lineal foot.....		430						
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot.....		320						
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.								
75.	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:								
(a)	For electric railroads, per lineal foot of single track.....		4,730						

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... Company."

requesting the Board of Estimate and Apportionment to consent to the award of contract, to prescribe a limit to the amount of bonds available to meet the requirements of the contract and also to direct the Comptroller to issue bonds to the extent of the amount named. The aggregate amount required for the contract is \$4,071,416.50, representing the bid of the Bradley Contracting Company. The \$4,071,416.50 is about \$138,000 less than the second lowest bid, and is at the rate of approximately \$50 per foot of subway.

The section to be contracted for extends from a point south of 118th street, along Lexington avenue nearly to 129th street, with a station at East 125th street. Although the trunk line subway has but four tracks, there will be eight tracks at this station, which has been particularly designed to prevent difficulties similar to those occurring at the 96th street junction station of the present subway. The 125th street station will be the northernmost of the new route in Manhattan and will serve the junction of the Jerome avenue and the East 138th street branches of the route.

In reference to the proposed reduction in the size of the subway, the Public Service Commission is of the opinion that on account of the relatively slight changes proposed, no advantage to the City would ensue from readvertisement and award.

It appears that the only matter requiring attention by the Board is the insertion in the contract of a form of waiver eliminating any possibility of claim by the contractor for prospective profits on the work to be omitted. This waiver has been required on all contracts for this work previously approved.

I recommend that the Board of Estimate and Apportionment consent to the award of contract for Section 13, Route 5, and that it authorize corporate stock to the amount of \$4,071,416.50 to meet the requirements of the contract.

Attached is a resolution which prescribes a limit to the amount of bonds available for the contract, authorizes the necessary corporate stock and gives the consent of this Board, conditional upon a waiver from the contractor to guarantee the City against law suits on account of prospective profits on quantities of work eliminated by the reduction of the cross section of the subway.

Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provisions of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by said Commission on October 31, 1911, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the Bradley Contracting Company and The City of New York, acting by the Public Service Commission for the First District, for the following purpose:

For the construction of section 13 of route 5, known as the Lexington Avenue Route, beginning at a point about one hundred and fifteen (115) feet south of the centre line of 118th street, thence under Lexington avenue to a point about one hundred and twenty (120) feet south of the centre line of 129th street, with a station at East 125th street, at a cost not to exceed four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50); and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of the proceeds of corporate stock available for the said purposes shall be four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50); and be it further

Resolved, That the Comptroller be and is hereby authorized and directed to issue corporate stock of The City of New York to an amount not exceeding four million and seventy-one thousand four hundred and sixteen dollars and fifty cents (\$4,071,416.50), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds to the amount of the par value thereof to be issued for the purposes mentioned in the communication of the Public Service Commission in the First District to this Board dated October 31, 1911, provided, however, that this resolution is adopted upon the understanding that before the delivery of the contract the Public Service Commission will obtain, in proper form, a consent by the said contractor to the reduction in the size of the cross section and a waiver of all claims whether for prospective profits or otherwise therefor; said consent and waiver, however, not to affect the right of the City, acting by the said Commission, to make such further changes as it may deem necessary under the provisions of the contract in respect of changes in plan.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Comptroller presented the following communications from the Department of Public Charities relative to, and report recommending, the transfer of \$2,355.17 within appropriations made to said Department for the year 1911:

Department of Public Charities of The City of New York, foot of East 26th Street, September 11, 1911.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—I beg respectfully to request the transfer of three hundred dollars (\$300) from the appropriation to this Department for the year 1911, entitled, "Department of Public Charities, Manhattan and The Bronx, Code 1911, No. 745, General Supplies," to the appropriation, "Department of Public Charities, Manhattan and The Bronx, Code 1911, No. 754, Contingencies," to meet the cost of one (1) Gardener for three months. This man has been paid by voucher for the past few months as an experiment, and we feel that his services are necessary for the preservation of the trees and shrubbery on Blackwells Island which have been sadly neglected in the past. This is the only Gardener on Blackwells Island.

Respectfully yours,
M. J. DRUMMOND, Commissioner.

Department of Public Charities of The City of New York, foot of East 26th Street, October 28, 1911.

The Honorable the Board of Estimate and Apportionment of The City of New York:

Gentlemen—Under a recent ruling of the Finance Department special payroll vouchers, heretofore made a charge against the appropriation account known as "General Supplies," are properly chargeable to Contingencies; and for that reason I respectfully request the transfer of two thousand four hundred and sixty-seven dollars and sixty-seven cents (\$2,467.67) from the appropriation account allowed to this Department for the year 1911, entitled "General Supplies, Manhattan and The Bronx, No. 745," to "Contingencies, Manhattan and The Bronx, No. 754," for the purpose of liquidating salary obligations, accrued and to accrue during 1911, as follows:

H. C. Sayre, Pathologist, 5 months at \$50 per month.....	\$250 00
Anna L. Murphy, Examiner, 18 days at \$100 per month.....	58 06
Elma Chase Gray, Examiner, 1 month 16 days at \$100 per month.....	151 61
J. W. Elmes, Examiner, 3 months at \$100 per month.....	300 00
Frank Duffy, Mason, 4 months at \$5 per diem.....	500 00
Fred. A. Ross, Fire Expert, 6 months at \$400 per annum.....	200 00
Samuel Coughlin, Gardener, 5 months at \$100 per month.....	500 00
Lecturers (New York City Hospital Training School, 9; Metropolitan Hospital Training School, 1).....	430 00
Two Examiners of Applicants for Admission to Training Schools for Nurses.....	78 00
	\$2,467 67

Trusting that this application will receive your early and favorable consideration, I am, yours very truly,

MICHAEL J. DRUMMOND, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, November 16, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 28, 1911, the Commissioner of Public Charities requested the transfer of \$2,467.67 within appropriations to his department for the year 1911. In connection therewith I report as follows:

The proposed transfer is from No. 745, General Supplies, Manhattan and The Bronx, to No. 754, Contingencies, Manhattan and The Bronx. It has been customary to charge against the appropriation for General Supplies the compensation of employees engaged temporarily upon special work. Under a ruling of the Department of Finance, this practice is to be discontinued and their compensation paid from the appropriation for Contingencies. Request is therefore made that the \$2,467.67 be transferred to provide for the following employees:

H. C. Sayre, Pathologist, 5 months.....	\$250 00
Anna L. Murphy, Examiner of Charitable Institutions, 18 days at \$100 per month.....	58 06
Elma Chase Gray, Examiner of Charitable Institutions, 1 month 16 days at \$100 per month.....	151 61
J. W. Elmes, Examiner of Charitable Institutions, 3 months at \$100 per month.....	300 00
Frank Duffy, Mason, 100 days at \$5 a day.....	500 00
F. A. Ross, Fire Expert, 6 months.....	200 00
Samuel Coughlin, Gardener, 5 months.....	500 00
Lecturers (43 Lectures).....	430 00
Medical Examinations of Applicants for Admission to Training Schools for Nurses.....	78 00
	\$2,467 67

The transfer now necessary for the Mason is \$387.50, reducing the transfer total to \$2,355.17.

The unencumbered balance in No. 745 is \$10,030.39. The appropriation of \$8,300 in No. 754 is only sufficient for the ordinary expenses to the end of the year.

I recommend that the request be approved by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Public Charities for the year 1911, as follows:

<i>From</i>	
Administration, Manhattan and The Bronx—	
745. General Supplies.....	\$2,355 17
<i>To</i>	
Administration, Manhattan and The Bronx—	
754. Contingencies.....	\$2,355 17

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

The Secretary presented the following communications from the Department of Parks, Borough of The Bronx, requesting, and report of the Comptroller recommending, approval of two schedules of salaries and wages, corporate stock accounts for said Department, providing for an additional force in the schedule for improvement of easterly and westerly portions of Crotona Park, and for increasing the rate for double teams from \$4.50 to \$5, and \$5.50 in the schedule for the construction of manure pits adjacent to park stations, to take effect as of October 25, 1911:

(On November 9 the above matter was laid over.)

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, September 22, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City:

Sir—Kindly submit to the Board of Estimate and Apportionment the following amendment, on corporate stock schedule of salaries and wages:

C-DP-304C. Department of Parks, Borough of The Bronx—Construction of

Manure Pits Adjacent to Park Stations:

Strike out	
Double Teams, 60 days, at, per day.....	\$4 50
Insert	
Double Teams, 30 days, at, per day.....	5 50
Double Teams, 30 days, at, per day.....	5 00

Schedule as Amended.

Foreman, 2 months, at, per annum.....	\$1,200 00
Laborers, 900 days, at, per day.....	2 50
Carpenters, 120 days, at, per day.....	5 00
Bricklayers, 60 days, at, per day.....	5 60
Blaster, 7 days, at, per day.....	4 00
Plumbers, 30 days, at, per day.....	5 50
Double Team, 30 days, at, per day.....	5 50
Double Team, 30 days, at, per day.....	5 00

Very truly yours,
T. J. HIGGINS, Commissioner of Parks, Bronx.

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, September 26, 1911.

Hon. WILLIAM A. PRENDERGAST, Comptroller, 280 Broadway, New York City:

Sir—Kindly have revised the following schedule on corporate stock fund account:

C-DP-311C. Department of Parks, Borough of The Bronx—Improvement of

Easterly and Westerly Portion of Crotona Park:

Add to	
Foremen (8 months) at, per annum.....	\$1,200 00
Gardeners (4 months) at, per annum.....	900 00
Laborers (2,200 days) at, per diem.....	2 50
Enginemen (100 days) at, per diem.....	4 50
Stoker (120 days) at, per diem.....	3 00
Bricklayer (25 days) at, per diem.....	5 60
Double Team (320 days) at, per diem.....	5 00
Horses and Carts (180 days) at, per diem.....	3 00

Schedule as Revised.

Foremen (10½ months) at, per annum.....	\$1,200 00
Gardeners (14 months) at, per annum.....	900 00
Laborers (2,460 days) at, per diem.....	2 50
Enginemen (100 days) at, per diem.....	4 50
Stoker (120 days) at, per diem.....	3 00
Bricklayer (25 days) at, per diem.....	5 60
Double Teams (388 days) at, per diem.....	5 00
Horses and Carts (180 days) at, per diem.....	3 00

Very truly yours,

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 31, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to requests from the Commissioner of Parks, Borough of The Bronx, under date of September 22 and 26, 1911, for modification of corporate stock schedules for salaries and wages in his department, I report as follows:

It is proposed to add additional force in the schedule for "C-DP-311C. Improvement of Easterly and Westerly Portion of Crotona Park," as follows:

Foreman (2½ months) at, per annum.....	\$1,200 00
Gardener (10 months) at, per annum.....	900 00
Laborer (260 days) at, per day.....	2 50
Double Teams (68 days) at, per day.....	5 00

In the schedule for "C-DP-304C. Construction of Manure Pits Adjacent to Park Stations," it is proposed to strike out the line item "Double Teams at \$4.50 per day" and substitute the following:

Double Teams (30 days) at, per day.....	\$5 50
Double Teams (30 days) at, per day.....	5 00

The Commissioner states that the changes are necessary to enable him to complete the work under way. The increase in rates for double teams from \$4.50 to \$5 and \$5.50 is to permit of the use of much larger dumping wagons in the work of excavating.

It is estimated that the work in progress can be completed under the schedules requested.

I recommend the adoption of the attached resolution approving the request. Respectfully,
WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for salaries and wages paid from other than Budget appropriation in the Department of Parks, Borough of The Bronx, for the year 1911, to take effect as of October 25, 1911, as follows:

Department of Parks, Borough of The Bronx.

C-DP-304C, Construction of Manure Pits Adjacent to Park Stations—

Foreman, at \$1.200 per annum (2 months)	\$200 00
Laborer, at \$2.50 per day (900 days)	2,250 00
Carpenter, at \$5 per day (120 days)	600 00
Bricklayer, at \$5.60 per day (60 days)	336 00
Blaster, at \$4 per day (7 days)	28 00
Plumber, at \$5.50 per day (30 days)	165 00
Double teams, at \$5.50 per day (30 days)	165 00
Double teams, at \$5 per day (30 days)	150 00

C-DP-311C, Improvement of Easterly and Westerly Portion of Crotona Park—

Foreman, at \$1.200 per annum (10½ months)	\$1,050 00
Gardener, at \$900 per annum (14 months)	1,050 00
Laborer, at \$2.50 per day (2,460 days)	6,150 00
Engineer, at \$4.50 per day (100 days)	450 00
Stoker, at \$3 per day (120 days)	360 00
Bricklayer, at \$5.60 per day (25 days)	140 00
Double teams, at \$5 per day (388 days)	1,940 00
Horses and carts, at \$3 per day (180 days)	540 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—13.

On motion of the Comptroller, the Board adjourned, to meet Thursday, November 23, 1911, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Abstract of Registers from Self-Recording Instruments for the Week Ending November 25, 1911.

Central Park of The City of New York—Latitude, 40° 45' 58" N. Longitude, 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

BAROMETER.

DATE.	November	7 a. m.	2 p. m.	9 p. m.	Mean for the day.	Maximum.		Minimum.	
		Reduced to Freezing	Reduced to Freezing	Reduced to Freezing	Reduced to Freezing	Reduced to Freezing	Time.	Reduced to Freezing	Time.
Sunday	19	29.552	29.616	29.802	29.657	29.825	12.00 p. m.	29.552	7.00 a. m.
Monday	20	29.841	29.783	29.812	29.812	29.905	10.00 a. m.	29.783	7.00 a. m.
Tuesday	21	29.793	29.763	29.905	29.820	29.952	12.00 p. m.	29.763	7.00 a. m.
Wednesday	22	30.099	30.135	30.230	30.155	30.232	12.00 p. m.	30.099	7.00 a. m.
Thursday	23	30.223	30.091	29.958	30.091	30.236	3.00 a. m.	30.091	7.00 a. m.
Friday	24	29.672	29.463	29.472	29.536	29.847	1.00 a. m.	29.463	7.00 a. m.
Saturday	25	29.725	29.794	29.823	29.781	29.823	9.00 p. m.	29.725	7.00 a. m.

Mean for the week 29.836 inches
Maximum " " at 3.00 a. m., November 23 30.236
Minimum " " at 1.00 a. m., November 19 29.450
Range " "786

THERMOMETERS.

DATE.	November	7 a. m.	2 p. m.	9 p. m.	Mean.	Maximum.		Minimum.		Maximum.
		Dry Bulb.	Dry Bulb.	Dry Bulb.	Dry Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	In Sun.
Sunday	19	38	42	34	38	31.39	32.7	44	1.30 p. m.	36
Monday	20	34	30	48	42	39.41	37.0	50	3.30 p. m.	43
Tuesday	21	36	33	43	36	31.38	33.3	44	12.00 m.	38
Wednesday	22	29	23	35	29	26.31	26.7	36	3.00 p. m.	29
Thursday	23	29	26	46	38	41.40	33.0	48	8.00 p. m.	44
Friday	24	44	43	44	44	35.42	34.0	50	6.00 a. m.	49
Saturday	25	30	27	32	28	30.32	28.3	38	1.00 a. m.	34

Mean for the week 37.9 degrees
Maximum " " at 3.30 p. m., Nov. 20 50
Minimum " " at 6.00 a. m., Nov. 23 28
Range " " 22

WIND.

DATE.	November	Direction.			Velocity in Miles.			Force in Pounds per Square Foot.		
		7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.
Sunday	19	WSW	W	WSW	109	100	93	302	1	1
Monday	20	WSW	W	WSW	75	39	17	131	0	1
Tuesday	21	WNW	NW	WNW	46	80	82	208	1	1
Wednesday	22	WNW	NW	WNW	96	97	47	240	1	1
Thursday	23	WNW	S	SSW	10	28	59	97	0	1
Friday	24	WNW	NW	WNW	35	26	70	131	1	1
Saturday	25	WNW	WNW	W	150	92	53	295	1	1

Distance traveled during the week 1,424 miles
Maximum force during the week 13 pounds

DATE.	November	Hygrometer.				Clouds.		Rain and Snow.		Ozone.
		Force of Vapor.	Relative Humidity	Clear.	Overcast.	Clear.	Overcast.	Depth of Rain and Snow in Inches	Time of Beginning.	Time of Ending.
Sunday	19	123	.092	.093	103	54	34	41	0	0
Monday	20	121	.189	.199	170	62	36	74	9	9
Tuesday	21	149	.121	.128	133	70	49	59	5	5
Wednesday	22	109	.091	.083	088	59	40	50	0	0
Thursday	23	106	.125	.192	141	71	40	62	58	0
Friday	24	264	.241	.152	219	92	84	64	80	10
Saturday	25	113	.108	.109	110	68	59	54	60	10

Total amount of water for the week90 inch.
Duration for the week 14 hours, 25 minutes.

DATE.		7 a. m.	2 p. m.
Sunday,	Nov'ber 19...	Clear, cool.	Clear, cold.
Monday,	" 20...	Overcast, threatening.	Overcast, pleasant.
Tuesday,	" 21...	Clear, pleasant.	Overcast, cool.
Wednesday,	" 22...	Clear, cold.	Clear, cool.
Thursday,	" 23...	Clear, light fog.	Clear, pleasant.
Friday,	" 24...	Raining, mild.	Raining, cool.
Saturday,	" 25...	Overcast, windy.	Overcast, cool.

Under the Supervision of the Local Office of the U. S. WEATHER BUREAU.

PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for Week Commencing December 18, 1911.

Wednesday, December 20, 1911—10 a. m.—Room 305—Case No. 1418—Interborough Rapid Transit Company—"Improvements to cars, tracks and stations on elevated lines."—Commissioner Eustis—2.30 p. m.—Room 305—Case No. 1411—Interborough Rapid Transit Company—"Escalators at 155th street elevated station."—Commissioner Eustis. 2.30 p. m.—Room 310—Case No. 1358—Manhattan Bridge Service Company—"Application for certificate of public convenience and necessity."—Commissioners McCarroll, Eustis and Cram. 3.30 p. m.—Room 305—Case No. 1434—Eight Avenue Railroad Company and Metropolitan Street Railway Company—"Extension of tracks and service on Macombs Dam road."—Commissioner Eustis.

Thursday, December 21, 1911—10.30 a. m.—Room 310—Degnon Contracting Company—"Arbitration, City's Appeal."—H. H. Whitman of Counsel. 10.30 a. m.—Room 310—Degnon Contracting Company—"Arbitration, Contractor's Appeal."—H. H. Whitman of Counsel. 2.30 p. m.—Room 310—Case No. 1398—New York and North Shore Traction Company—"Application for approval of \$1,500,000 bonds and \$771,764.12 stock."—Commissioner Maltbie. 2.30 p. m.—Room 305—Case No. 1374—Coney Island and Brooklyn Railroad Company—"Fares to and from Coney Island."—Whole Commission.

Friday, December 22, 1911—2 p. m.—Room 305—Case No. 1426—Street Railroad Corporations—"Heating, heating regulations and ventilation in closed passenger cars."—Whole Commission. 2.30 p. m.—14th floor—Case No. 1415—Forty-second Street, Manhattanville and St. Nicholas Avenue Railway Company—"Application for approval of exercise of franchise for Manhattan street loop extension."—Commissioner Maltbie. 2.30 p. m.—Room 310—Case No. 1438—Brooklyn Heights Railroad Company et al.—"Additional cars and service."—Commissioner McCarroll.

Meetings of Committee of the Whole held on Tuesday, Wednesday, Thursday and Friday, at 10.30 a. m., in the Committee Room.

Regular meetings of the Commission held on Tuesday and Friday at 12 noon—Room 310.

Board of Education.

December 16—The Board of Education has entered into contracts with the following named contractors: T. Frederick Jackson, Inc., 94 John st., City, for installing electric equipment in additions to Boys' High School, Brooklyn; surety, Massachusetts Bonding and Insurance Co. Richmond School Furniture Co., 16 Court st., Brooklyn, for supplying filing cabinets for various schools in the Borough of Brooklyn; surety, Empire State Surety Co.

FRED H. JOHNSON, Assistant Secretary.

Changes in Departments, Etc.

DEPARTMENT OF BRIDGES.

December 19—Died, on December 14, 1911, John McNally, 61 E. 122d st., New York City, who was employed as a Laborer.

COURT OF GENERAL SESSIONS.

County of New York.

December 18—The Judges of the Court of General Sessions, New York County, have this day promoted John J. T. Smith, 555 W. 171st st., Borough of Manhattan, New York City, from the position of Record Clerk to that of Deputy Clerk of said Court, at an annual salary of \$4,000, such position to take effect on the 1st day of January, 1912.

REGISTER'S OFFICE.

County of New York.

December 19—Victor S. Davis, 93 Jane st., has been appointed to the position of Verifier in the Reindexing Department, at \$1,000 per annum, to take effect December 20, 1911.

LAW DEPARTMENT.

December 19—Appointed: Anthony De Mais, W. 28th st., Coney Island, to the position of First Grade Clerk, at an annual salary of \$300, to take effect December 21, 1911.

Morris W. Weisbard, residing at 557 Marcy ave., Brooklyn, a Stenographer and Typewriter, Second Grade, has been transferred from the Dock Department to the Bureau of Street Openings of this Department, to take effect at the opening of business on December 16, 1911.

BOROUGH OF THE BRONX.

Bureau of Buildings.

December 16—Change in this Bureau, to take effect November 30: Joseph F. McGill, 2135 Arthur ave., The Bronx; John Todd, 480 2d st., Brooklyn, Inspectors of Plumbing, suspended for lack of work to take effect at the close of business November 30, 1911.

DEPARTMENT OF DOCKS AND FERRIES.

December 15—Appointed: William P. Barrett, 11 Marcy ave., Borough of Brooklyn, to the position of Machinist's Helper, for temporary employment during December, at \$3 per day while employed.

December 15—Transferred: John T. O'Hara, from the position of Ticket Agent to that of Gateman, and Meisereau D. Minor, from the position of Gateman to Ticket Agent.

James Denny, a Foreman of Dockbuilders, died December 13.

December 16—On the 15th inst., William P. Barrett was appointed Machinist's Help-

er for temporary employment during the remainder of the month of December, 1911, at \$3 per day while employed. Mr. Barrett has declined owing to the fact that the temporary employment would continue for two weeks only.

December 18—The Commissioner has appointed the following persons Boilermakers for temporary employment during the remainder of the month of December, 1911, at \$3.50 per day for each day of employment: John Kerrigan, 213 1st ave., Manhattan; Hugh Dowd, 337 22d st., Brooklyn; Henry J. Brogden, 13 Leonard st., Manhattan; Patrick J. Kelly, 88 Waverly ave., Brooklyn; William J. Anderson, 2646 Atlantic ave., Brooklyn; Patrick Murray, 600 W. 49th st., Manhattan; John J. Shannon, 65 Park ave., Brooklyn; William D. Fitzgerald, 455 W. 30th st., Manhattan.

In the absence of an eligible list, and pursuant to authority obtained from the Municipal Civil Service Commission, the Commissioner on the 15th inst. assigned the following men to duty as Boilermakers, for temporary employment during the remainder of the month of December, 1911, at \$3.50 per day for each day of employment: Benjamin Barlow, 527 W. 52d st., Manhattan; Joseph Black, 35 Carmine st., Manhattan; Enoch Clewes, Doaks ave. and Virginia Way, South Jamaica, L. I.; John E. Duffy, 7403 5th ave., Brooklyn, N. Y.; Peter Eglinton, 550 3d ave., Brooklyn, N. Y.; William Eglinton, 443 4th ave., Brooklyn, N. Y.; Henry Greenhalgh, 439 W. 30th st., Manhattan; Hugh Monahan, 317 50th st., Brooklyn, N. Y.; James J. Mahoney, 708 3d ave., Brooklyn, N. Y.; John McLoughlin, 399 10th ave., Manhattan; Arthur McGoldrick, 291 10th ave., Manhattan; William Purvis, 128 11th st., Brooklyn, N. Y.; Edward F. Reynolds, 650 E. 16th st., Manhattan; Thomas Skimmings, 124 10th st., Brooklyn, N. Y.; William H. Watson, 353 56th st., Brooklyn, N. Y.; Frederick Watson, 353 56th st., Brooklyn, N. Y.; William Mouth, 29 Cannon st., Manhattan.

The Commissioner, on the 16th inst., in the absence of an eligible list for the position, and pursuant to authority from the Municipal Civil Service Commission, assigned the following men as Boilermakers for temporary employment during the remainder of the month of December, 1911, at \$3.50 per day for each day of employment: James B. McNamara, 439 38th st., Brooklyn, N. Y.; David Bruce, 150 Mill st., Brooklyn, N. Y.

BOARD OF WATER SUPPLY.

December 18—The following appointee reported for duty: Frank J. Farnan, 335 E. 9th st., Brooklyn, N. Y., Patrolman (reinstated), salary, \$900 per annum.

BOARD OF INEBRIETY.

December 18—Miss Rose M. Kelly, 130 E. 43d st., was appointed as Stenographer and Typewriter, commencing December 1, 1911, at a salary of \$900 per annum.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

Discharged, expiration of temporary employment, to take effect December 31, 1911—Gymnasium Attendants: Max Pinus, 393 S. 4th st., Brooklyn; Meyer Jacobs, 218 Henry st.; John J. Downing, 337 W. 17th st.; Samuel Liebgold, 1518 Brook ave.; James Walsh, 558 15th st., Brooklyn; Abraham Gettinger, 318 E. 3d st.; Louis Koepnews, 1548 1st ave.; Arthur Thaler, 30 Montgomery st.; James McCahill, 2130 Belmont ave.; John F. Murphy, 200 W. 132d st.; Thomas Stapleton,

2862 Briggs ave.; John Condon, 509 W. 47th st.; Peter Byrne, 1133 Simpson st. Playground Attendants: Mary F. Hogan, 220 W. 69th st.; Eleanor Whelan, 919 Boulevard ave., Astoria; Naomi Perlman, 949 St. Johns ave.; Mary E. McCane, 81 Adelphi st., Brooklyn; Gertrude Cohen, 1807 Lexington ave.; Marion Vexler, 184 Delancey st.; Ray Taschman, 68 W. 114th st.; Jane Hennessy, Trowmart Inn, Abingdon square; Mary M. Gordon, 227 W. 18th st.; Alice Kurlander, Teachers' College, Columbia University; Anna C. Chambers, 860 E. 182d st.; Mabel Frank, 14 Morning-side ave.; Frances A. Duffy, 321 E. 30th st.; Irene V. Jones, 72 Jane st.; Loretta Murray, 94 Clinton ave., Brooklyn; Mary E. McKenna, 16 St. Lukes place; Lottie M. Farrell, 542 W. 124th st.; Kathryn McEvoy, 2451 Glebe ave., Westchester; Theresa L. Fitzpatrick, 8 Ridge court, Brooklyn; Bessie H. Proctor, 215 Lafayette ave., Brooklyn; Edna M. Carney, 344 Fenimore st., Brooklyn; Cora M. Fifield, 165th st. and Edgecombe ave., "Bellevue Court."

Borough of Brooklyn.

November 30, 1911—William McCarthy, 420 E. 154th st., New York City, temporary Rodman, laid off for lack of work. December 12, 1911—Jacob Shapiro, 287 Stockton st., Brooklyn, Park Laborer, re-instated; John F. Shivers, 3 Spencer court, Brooklyn, and Edward W. Higgins, 820 Classon ave., Brooklyn, Engineers of Steam Rollers, laid off for lack of work. December 16, 1911—Frederick Curruick, 1071 Lafayette ave., Brooklyn; Wilbur E. Phelps, 373 13th st., Brooklyn, and Charles Weyman, 344 8th st., Brooklyn, Engineers of Steam Rollers, laid off for lack of work. Edward A. Clark, 111 Garfield place, Brooklyn, Telephone Operator, transferred from the Department of Public Works, Manhattan, to this Department, salary, \$900 per annum.

BOROUGH OF MANHATTAN.

Changes in this Department for the two weeks ending December 16, 1911:

Bureau of Highways—L. Kirschbraun, Chicago, Ill., Expert on Asphalt Specifications, \$50; appointed December 8, paragraph 6, Rule 12. William Goldsmith, 203 W. 122d st., Inspector of Iron and Steel Construction, \$1,500; appointed December 8. Solon Herzog, 1361 Madison ave., Inspector of Iron and Steel Construction, \$1,500; appointed December 8. William Goldsmith, 203 W. 122d st., resigned from temporary position of Inspector, December 7. Solon Herzog, 1361 Madison ave., resigned from temporary position of Inspector, December 7. Joseph Trilling, 2272 2d ave., Laborer, \$2.50 per diem, transferred to Bridge Department, December 12, 1911; Daniel P. McGrory, 1311 Pugsley ave., Borough of The Bronx, temporary Inspector, \$1,200; non-competitive, appointed December 13; Edward T. Scharff, 1623 1st ave., temporary Inspector, \$1,200; non-competitive appointment, December 13. Joseph Goldberg, 229 E. 3d st., temporary Inspector, \$750; non-competitive, appointed December 13. Bernard McGale, Laborer, 214 9th ave., \$2.50 per diem; transferred to Department of Water Supply, Gas and Electricity, December 7. Christopher Nickels, 514 11th ave., Teamster, \$5 per diem; appointed for one (1) day, December 12. John P. Smeltz, 514 11th ave., Teamster, \$5 per diem; appointed for one (1) day, December 12. Harry Houlihan, 22 E. 124th st., Teamster, \$5 per diem; appointed December 15, 1911.

Bureau of Public Buildings and Offices—Benjamin J. Becker, 121 Stagg st., Brooklyn, Attendant, \$900 per annum; appointed December 6. Frank Basso, 32 Division st., Laborer, \$2.50 per diem; transferred from Highways, December 11. Edward A. Clark, 111 Garfield place, Brooklyn, Telephone Operator, \$750; transferred to Park Department, Borough of Brooklyn, December 16, 1911. Michael F. Paradine, 459 63d st., Brooklyn, Attendant, \$900 per annum; appointed December 11. Henry F. Gabriel, 96 Ten Eyck st., Brooklyn, Attendant, \$900 per annum; appointed December 11. Louis W. Bates, 378 St. Johns place, Brooklyn, Mechanical Engineer, \$2,550 per annum; appointed December 11. John A. Moylan, 137 N. 9th st., Brooklyn, Attendant, \$900 per annum; appointed December 15, 1911. Kate Moran, 207 E. 97th st., Cleaner, \$30 per month; continued absence construed as a resignation, December 4.

Bureau of Sewers—Charles H. Graham, 352 E. 201st st., Chief Engineer, \$6,000; transferred from Engineer, \$4,000, December 1. Horace Loomis, Mount Vernon, N. Y., Chief Engineer, \$6,000; resigned November 30, 1911. Horace Loomis, Mount Vernon, N. Y., Consulting Engineer of Sewers, \$6,000; appointed December 1. Dennis A. Cannon, 223 Avenue A, Sewer Cleaner, \$2.50 per diem; resigned December 4. John J. O'Keeffe, 171 W. 102d st., Inspector of Connections, \$1,200; resigned December 1. Julius Lester, 48 Essex st., Cartman, \$3.50 per diem; discharged December 13.

Topographical Bureau—Leo Feibel, 281 Sterling st., Brooklyn, Assistant Engineer, \$1,800; transferred from Topographical Draftsman, \$1,500, December 14, 1911.

FIRE DEPARTMENT.

December 18—Appointments in this Department: Dominic A. Kane, as Assistant Electrical Engineer in the Fire Alarm Telegraph Bureau, Borough of Manhattan, for a probationary period of three months, with compensation at the rate of \$1,800 per annum, payable from corporate stock issue C-FD-3B, to take effect at 9 a. m., December 18, 1911.

The following probationary Firemen, appointed as Fourth Grade Firemen, with compensation at the rate of \$1,000 per annum, to take effect at 8 a. m., December 15, 1911, and assigned as follows: Otto E. Klein, Engine Co. 27; John S. Dennin, Engine Co. 18.

BELLEVUE AND ALLIED HOSPITALS.

Appointments, Gouverneur Hospital—October 10, William Flanagan, Hospital Helper, \$240; October 26, William J. Murray, Hospital Helper, \$240; Oscar Rupp, Hospital Helper, \$240; November 1, William J. Bergin, Hospital Helper, \$240; Sophie Vuilleumier, Trained Nurse, \$600; Stella Schaeffer, Physician to Out Patients, \$300; November 7, Susanne Kennedy, Trained Nurse, \$600; Katherine McGowan, Trained Nurse, \$600; Josephine Heffernan, Trained Nurse, \$600; November 8, Emily Brown, Trained Nurse, \$600; November 9, Victor Malrk, Hospital Helper, \$240; November 10, Harry Smith, Hospital Helper, \$240; James O'Hare, Hospital Helper, \$240; Lizzie Graves, Hospital Helper, \$180; John Lally, Hospital Helper, \$240; November 11, Mary McCall, Hospital Helper, \$180; November 14, Mary Carlson, Hospital Helper, \$180; November 13, Margaret Berg, Trained Nurse, \$600; November 15, George Geordano, Hospital Helper, \$240; November 16, Joseph Miller, Hospital Helper, \$240; November 17, Georgia Daggett, Trained Nurse, \$720; November 19, Minnie Blackley, Trained Nurse, \$600; November 22, Emma Morse, Trained Nurse, \$900.

Title Changed—November 1, Engel Thompson, Hospital Helper at \$240 to Laundryman at \$240.

Salaries Increased—November 1, Michael Hoey, Laundryman at \$240 to Hospital Helper at \$270; Harold Hendry, Hospital Helper, from \$240 to \$270; Amelia Kelly, Hospital Helper, from \$180 to \$210. Dismissals, Resignations, etc., Gouverneur Hospital—October 7, Jeremiah Cronin, Hospital Helper; October 24, Edward Lawrence, Hospital Helper; October 25, Andrew Alferoff, Hospital Helper; October 31, Ernest Burroughs, Hospital Helper; Helen C. McGowan, Trained Nurse; November 6, James McKane, Hospital Helper; November 8, William J. Bergin, Hospital Helper; William Flanagan, Hospital Helper; November 9, Mary Nolan, Hospital Helper; November 11, Emma Morse, Trained Nurse; November 12, William J. Murray, Hospital Helper; Catherine McDonnell, Hospital Helper; Jennie Donnelly, Hospital Helper; November 14, William Sexton, Hospital Helper; Georgia Daggett, Trained Nurse; November 18, Margaret Berg, Trained Nurse.

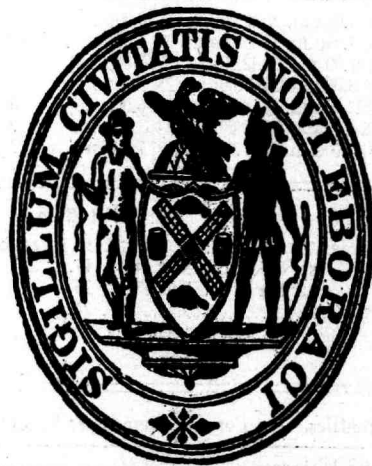
Appointments, Harlem Hospital—October 21, John Winter, Hospital Helper, \$240; October 23, Thomas Yancy, Hospital Helper, \$240; October 25, Elizabeth Ellis, Hospital Helper, \$192; October 28, Joseph Strehan, Hospital Helper, \$240; October 30, Theresa Coha, Trained Nurse, \$600; Jennie Hayes, Hospital Helper, \$180; Elizabeth Ellis, Hospital Helper, \$180; October 31, Delia Finney, Hospital Helper, \$192; November 1, Paul Frost, Hospital Helper, \$240; Anna Olsen, Pupil Nurse, \$90; Bessie Blair, Pupil Nurse, \$96; November 2, Edith Kester, Pupil Nurse, \$96; Julia Begley, Pupil Nurse, \$96; Lewis Henry, Hospital Helper, \$240; Elizabeth Kinkard, Pupil Nurse, \$96; November 4, John Boyd, Hospital Helper, \$240; November 7, Joseph Miller, Hospital Helper, \$240; November 9, William Fitzpatrick, Hospital Helper, \$240; November 11, Joseph Monahan, Hospital Helper, \$240; Andrew Antich, Cook, \$240; Jennie Burke, Hospital Helper, \$180; John Lynch, Hospital Helper, \$240; James McGonigle, Laundryman, \$240; November 12, Paul Leitzman, Hospital Helper, \$240; November 14, Edward Smith, Hospital Helper, \$240; John Kane, Hospital Helper, \$240; Mary O'Hare, Hospital Helper, \$180; November 15, Gottlieb Lillich, Hospital Helper, \$240; Oscar Damm, Cook, \$360; November 17, R. Mae Murdock, Trained Nurse, \$600; November 18, William Schaubel, Hospital Helper, \$240; November 19, Delia Killeen, Hospital Helper, \$240; Delia Finney, Cook, \$180.

Dismissals, Resignations, etc.—October 18, Theresa Coha, Trained Nurse; October 24, Josephine McHale, Hospital Helper; October 27, William J. Foley, Hospital Helper; October 29, Esther McLarney, Hospital Helper; Annie Danks, Hospital Helper; Elizabeth Ellis, Hospital Helper; October 31, Henry Schneider, Hospital Helper; Anna Trainor, Pupil Nurse; Rose Murdock, Pupil Nurse; Eileen McBride, Pupil Nurse; November 1, Lulu Drew, Pupil Nurse; Patrick Burke, Hospital Helper; Blanche Smith, Pupil Nurse; November 3, Phillip Hanratty, Hospital Helper; November 6, Gottfried Wuhman, Hospital Helper; November

8, Cyrus Curry, Hospital Helper; November 9, Margaret R. Neil, Pupil Nurse; November 10, Fred Butel, Hospital Helper; Oscar Damm, Cook; Kate McKeon, Hospital Helper; Patrick Roach, Hospital Helper; Bertha Reynolds, Hospital Helper; John Mulligan, Laundryman; Frank Dowd, Hospital Helper; November 11, Thomas Martin, Hospital Helper; November 13, Joseph Miller, Hospital Helper; Maggie Ryan, Hospital Helper; Bridget Naughton, Trained Nurse; November 14, John Boyd, Hospital Helper; Andrew Antich, Cook; November 16, Edward Smith, Hospital Helper; November 18, Delia Finney, Hospital Helper; Margaret Dain, Cook.

Appointments, Fordham Hospital—October 24, Joseph Ryan, Hospital Helper, \$240; Annie Howe, Pupil Nurse, \$96; October 31, Allen Fay, Hospital Helper, \$240; November 1, Effie Richards, Pupil Nurse, \$96; Phillip Hughes, Hospital Helper, Mechanic, \$600; November 2, Peter Gohery, Hospital Helper, \$240; November 3, Anna Donnelly, Hospital Helper, \$180; November 4, Fred Bonbonnoni, Hospital Helper, \$240; Esther Cook, Trained Nurse, \$600; November 5, Anna Burke, Hospital Helper, \$180; November 4, Hester Stuart, Pupil Nurse, \$96; November 9, Anna Dunn, Hospital Helper, \$180; Albert Caisse, Hospital Helper, \$240; November 10, Thomas Parks, Driver, \$600; November 14, Charles Haskell, Hospital Helper, \$240; November 16, Catherine O'Biern, Pupil Nurse, \$96; November 18, Ellen Abbott, Hospital Helper, \$180; November 20, Marie Ruphrle, Hospital Helper, \$180; November 21, Mary Brennan, Hospital Helper, \$180; Adella Taylor, Pupil Nurse, \$96. Salaries Increased—November 1, Sava Boyadja, Hospital Helper, from \$240 to \$270; William King, Hospital Helper, from \$240 to \$270; Christine Betz, Waitress, from \$216 to \$240.

Dismissals, Resignations, etc.—October 23, William Webb, Hospital Helper; Frances Melat, Pupil Nurse; October 30, Alfred Schaeffer, Hospital Helper; October 31, Minnie Koether, Pupil Nurse; Denis Ryan, Hospital Helper, Mechanic; Andrew Rooney, Hospital Helper; Charles Palmer, Hospital Helper; November 1, Mary McGrath, Hospital Helper; November 3, Ada Smith, Trained Nurse; November 4, Sara Mansfield, Hospital Helper; November 5, Anna Burke, Hospital Helper; November 8, Peter Madden, Hospital Helper; Vincent Hastings, Driver; Anna Donnelly, Hospital Helper; November 11, Albert Caisse, Hospital Helper; November 13, Mae Salisbury, Pupil Nurse; November 18, Anna Dunn, Hospital Helper; November 20, Ellen Abbott, Hospital Helper; November 21, Helen Phillips, Pupil Nurse.



OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

CITY OFFICES.

MAYOR'S OFFICE.
No. 5 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
WILLIAM J. GAYNOR, Mayor.
Robert Adamson, Secretary.
James Matthews, Executive Secretary.
Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.
Room 7, City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
John L. Walsh, Commissioner.
Telephone, 4334 Cortlandt.

BUREAU OF LICENSES.
9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4109 Cortlandt.
James G. Wallace, Jr., Chief of Bureau.
Principal Office, Room 1, City Hall.
Branch Office, Room 12A, Borough Hall, Brooklyn.
Branch Office, Richmond Borough Hall, Room 23, New Brighton, S. I.
Branch Office, Hackett Building, Long Island City, Borough of Queens.

ARMORY BOARD.
Mayor, William J. Gaynor; the Comptroller, William A. Prendergast; the President of the Board of Aldermen, John Purroy Mitchell; Brigadier-General George Moore Smith, Brigadier-General John G. Eddy, Commodore R. P. Forshaw, the President of the Department of Taxes and Assessments, Lawson Purdy.
Clark D. Rhinehart, Secretary, Room Basement, Hall of Records, Chambers and Centre streets.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.
City Hall, Room 21.
Telephone call, 1197 Cortlandt.
Robert W. de Forest, Trustee Metropolitan

Museum of Art, President; Herbert Adams, Sculptor, Vice-President; Charles Howland Russell, Trustee of New York Public Library, Secretary; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; William J. Gaynor, Mayor of The City of New York; Frederic B. Pratt, Francis C. Jones, Painter; R. T. H. Halsey, I. N. Phelps Stokes, Architect; John Bogart.
John Quincy Adams, Assistant Secretary.

BELLEVUE AND ALLIED HOSPITALS.
Office, Bellevue Hospital, Twenty-sixth street and First avenue.
Telephone, 4400 Madison Square.
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; John G. O'Keeffe, Arden M. Robbins, James A. Farley, Samuel Sachs, Leopold Stern; Michael J. Drummond, ex-officio.
General Medical Superintendent, Dr. George O'Hanlon.

BOARD OF ALDERMEN.
No. 11 City Hall, 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
John Purroy Mitchell, President.
P. J. Scully, City Clerk.

BOARD OF ASSESSORS.
Office, No. 320 Broadway, 9 a. m. to 5 p. m.; Saturdays, 12 m.
Joseph P. Hennessy, President.
William C. Ormond.
Antonio C. Astarita.
Thomas J. Drennan, Secretary.
Telephone, 29, 30 and 31 Worth.

BOARD OF AMBULANCE SERVICE.
Headquarters, 240 Centre street.
Office hours, 9 a. m. to 4 p. m. Saturdays, 12 m.
President, Commissioner of Police, R. Waldo; Secretary, Commissioner of Public Charities, M. J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Spiegelberg; D. C. Potter, Director.
Telephone, 3100 Spring.

BOARD OF ELECTIONS.
General Office, No. 107 West Forty-first street.
Commissioners: J. Gabriel Britt, President; Moses M. McKee, Secretary; James Kane and Jacob A. Livingston, Michael T. Daly, Chief Clerk.
Telephone, 2946 Bryant.

BOROUGH OFFICES.
Manhattan.
No. 112 West Forty-second street.
William C. Baxter, Chief Clerk.
Telephone, 2946 Bryant.
The Bronx.
One Hundred and Thirty-eighth street and Mott avenue (Solingen Building).
John L. Burgoyne, Chief Clerk.
Telephone, 336 Melrose.
Brooklyn.
No. 42 Court street (Temple Bar Building).
George Russell, Chief Clerk.
Telephone, 693 Main.

Queens.
No. 46 Jackson avenue, Long Island City.
Carl Voegel, Chief Clerk.
Telephone, 663 Greenpoint.
Richmond.
Borough Hall, New Brighton, S. I.
Alexander M. Ross, Chief Clerk.
Telephone, 1000 Tompkinsville.
All offices open from 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.

BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; the Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

OFFICE OF THE SECRETARY.
No. 277 Broadway, Room 1406. Telephone 2280 Worth.
Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Ade, Clerk to Board.

OFFICE OF THE CHIEF ENGINEER.
Nelson P. Lewis, Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.
Arthur S. Tuttle, Engineer in charge Division of Public Improvements, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.

BUREAU OF FRANCHISES.
Harry P. Nichols, Engineer, Chief of Bureau, 277 Broadway, Room 801. Telephone, 2282 Worth.
Office hours, 9 a. m. to 5 p. m. (except during July and August, when hours are 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.

BOARD OF EXAMINERS.

Rooms 6027 and 6028, Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan. 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Telephone, 5840 Gramercy.
George A. Just, Chairman. Members: William Crawford, Lewis Harding, Charles G. Smith, William A. Boring, John P. Leo and John Kenlon.
Edward V. Barton, Clerk.
Board meeting every Tuesday at 2 p. m.

BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.
Thomas J. Colton, President.
Rev. William Morrison, Secretary.
John Dornier, M.D.
Rev. John J. Hughes.
William Browning, M.D.
Telephone, 7116 Spring.
Office hours, daily, 10 a. m. and 2 p. m.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street.
Patrick A. Whitney, Commissioner of Correction, President.
John B. Mayo, Judge, Special Sessions, Manhattan.
Robert J. Wilkin, Judge, Special Sessions, Brooklyn.
Frederick B. House, City Magistrate, First Division.
Edward J. Dooley, City Magistrate, Second Division.
Samuel B. Hamburger, John C. Heintz, Rosario Maggio, Richard E. Troy.
Thomas R. Minnick, Secretary.
Telephone, 1047 Gramercy.

BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller.
Archibald R. Watson, Corporation Counsel.
Lawson Purdy, President of the Department of Taxes and Assessments.
John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway.
Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.

Office, No. 165 Broadway.
Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners.
Joseph P. Morrissey, Secretary.
J. Waldo Smith, Chief Engineer.

Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 4310 Cortlandt.

COMMISSIONER OF ACCOUNTS.
Raymond B. Fosdick, Commissioner of Accounts.
Rooms 114 and 115, Stewart Building, No. 280 Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4315 Worth.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
P. J. Scully, City Clerk and Clerk of the Board of Aldermen.
Joseph F. Prendergast, First Deputy.
John T. Oakley, Chief Clerk of the Board of Aldermen.
Joseph V. Sculley, Clerk, Borough of Brooklyn.
Matthew McCabe, Deputy City Clerk, Borough of The Bronx.
George D. Frenz, Deputy City Clerk, Borough of Queens.
Joseph F. O'Grady, Deputy City Clerk, Borough of Richmond.

CHANGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 223, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.
William D. Dickey, Cambridge Livingston, David Robinson, Commissioners. Lamont McLoughlin, Clerk.
Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m.
Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 3254 Worth.

CITY RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.
Supervisor's Office, 8th floor, Park Row Building, No. 21 Park Row.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1505 and 1506 Cortlandt.
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.
David Ferguson, Supervisor.
Henry McMillen, Deputy Supervisor.
C. McKemie, Secretary.

COMMISSIONER OF LICENSES.
Office, No. 277 Broadway.
Herman Robinson, Commissioner.
Samuel Prince, Deputy Commissioner.
John J. Caldwell, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2828 Worth.

COMMISSIONERS OF SINKING FUND.
William J. Gaynor, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; John Purroy Mitchell, President of the Board of Aldermen, and Frank L. Dowling, Chairman Finance Committee, Board of Aldermen, members; Henry J. Walsh, Deputy Chamberlain, Secretary.
Office of Secretary, Room 69, Stewart Building, No. 280 Broadway, Borough of Manhattan. Telephone, 4270 Worth.

DEPARTMENT OF BRIDGES.
Nos. 13-21 Park Row.
Arthur J. O'Keefe, Commissioner.
William H. Sinnott, Deputy Commissioner.
Edgar E. Schiff, Secretary.
Office hours, 9 a. m. to 4 p. m.
Saturdays, 9 a. m. to 12 m.
Telephone, 6080 Cortlandt.

DEPARTMENT OF CORRECTION.
CENTRAL OFFICE.
No. 148 East Twentieth street. Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1047 Gramercy.
Patrick A. Whitney, Commissioner.
William J. Wright, Deputy Commissioner.
John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.
Pier "A" N. R., Battery place.
Telephone, 303 Rector.
Calvin Tomkins, Commissioner.
B. F. Cresson, Jr., First Deputy Commissioner.
William J. Barney, Second Deputy Commissioner.
Matthew J. Harrington, Secretary.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.
Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5580 Plaza.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August.

Richard B. Aldcroft, Jr., Reba C. Bamberger (Mrs.), Nicholas J. Barrett, Charles E. Bruce, M. D.; Thomas W. Churchill, Joseph E. Cosgrove, Francis P. Cunniff, Thomas M. De Lane, Martha Lincoln Draper (Miss), Horace E. Dresser, Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M. D.; Max Katzenberg, Ella W. Kramer (Mrs.), Olivia Leventritt (Miss), Jeremiah T. Mahoney, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M. D.; Patrick F. McGowan, Herman A. Metz, Ralph McKee, Frank W. Meyer, Augustus G. Miller, George C. Miller, Louis Newman, Antonio Pisani, M. D.; Alice Lee Post (Mrs.), Arthur S. Somers, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, James E. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, Alphonse Weiner, John Whalen, Frank D. Wiley, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.
Egerton L. Winthrop, Jr., President.
John Greene, Vice-president.
A. Emerson Palmer, Secretary.
Fred H. Johnson, Assistant Secretary.
C. B. J. Snyder, Superintendent of School Buildings.
Patrick Jones, Superintendent of School Supplies.

Henry R. M. Cook, Auditor.
Thomas A. Dillon, Chief Clerk.
Henry M. Leipziger, Supervisor of Lectures.
Claude G. Leland, Superintendent of Libraries.
A. J. Maguire, Supervisor of Janitors.

BOARD OF SUPERINTENDENTS.
William H. Maxwell, City Superintendent of Schools, and Andrew W. Edson, John H. Haaren, Clarence E. Meloney, Thomas S. O'Brien, Edward B. Shallow, Edward L. Stevens, Gustave Straubenmiller, John H. Walsh, Associate City Superintendents.

DISTRICT SUPERINTENDENTS.
Darwin L. Bardwell, William A. Campbell, John W. Davis, John Dwyer, James M. Edsall, Matthew J. Elgas, William L. Etinger, Cornelius E. Franklin, John Griffin, M. D., Ruth E. Granger, John L. N. Hunt, Henry W. Jameson,

Henry E. Jenkins, James Lee, Charles W. Lyon, James J. McCabe, William J. O'Shea, Julia Richmond, Alfred T. Schaffler, Albert Shiels, Edgar Dubs Shimer, Seth T. Stewart, Edward W. Stitt, Grace C. Strachan, Joseph S. Taylor, Joseph H. Wade.

BOARD OF EXAMINERS.
William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Harvey, Jerome A. O'Connell, George J. Smith, Examiners.

BOARD OF RETIREMENT.
Egerton L. Winthrop, Jr., Abraham Stern, Cornelius J. Sullivan, William H. Maxwell, Josephine E. Rogers, Mary A. Curtis, Lyman A. Best, Principal P. S. 108, Brooklyn, Secretary (Telephone 1470 East New York).

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1200 Worth.
WILLIAM A. PRENDERGAST, Comptroller, Douglas Mathewson and Edmund D. Fisher, Deputy Comptrollers.
Hubert L. Smith, Assistant Deputy Comptroller.
George L. Tirrell, Secretary to the Department.
Ethel Waldron, Clerk to the Comptroller.
Thomas W. Hynes, Supervisor of Charitable Institutions.
Walter S. Wolfe, Chief Clerk.

BUREAU OF AUDIT.
Charles S. Hervey, Chief Auditor of Accounts, Room 29.
Duncan Mac Innes, Chief Accountant and Bookkeeper.
John J. Kelly, Auditor of Disbursements.
H. H. Rathen, Auditor of Receipts.
James J. Munro, Chief Inspector.
R. B. McIntyre, Examiner in Charge, Expert Accountants' Division.

LAW AND ADJUSTMENT DIVISION.
Albert E. Hadlock, Auditor of Accounts, Room 185.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.
James Tilden Adamson, Supervising Statistician and Examiner, Room 180.

STOCK AND BOND DIVISION.
James J. Sullivan, Chief Stock and Bond Clerk, Room 85.

OFFICE OF THE CITY PAYMASTER.
No. 83 Chambers street and No. 65 Reade street.
John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE.
Charles A. O'Malley, Appraiser of Real Estate, Room 103, No. 280 Broadway.

DIVISION OF AWARDS.
Joseph R. Kenny, Bookkeeper in Charge, Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES.
Borough of Manhattan—Stewart Building, Room O.

Frederick H. E. Ebstein, Receiver of Taxes.
John J. McDonough and Sylvester L. Malone, Deputy Receivers of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
Edward H. Healy and John J. Knewitz, Deputy Receivers of Taxes.

Borough of Brooklyn—Municipal Building, Rooms 2-4.
Alfred J. Boulton and David E. Kemlo, Deputy Receivers of Taxes.

Borough of Queens—Municipal Building, Court House Square, Long Island City.
William A. Beadle and Thomas H. Green, Deputy Receivers of Taxes.

Borough of Richmond—Borough Hall, St. George, New Brighton.
John De Morgan and Edward J. Lovett, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.
Borough of Manhattan, Stewart Building, Room E.

Daniel Moynahan, Collector of Assessments and Arrears.
George W. Wamaker, Deputy Collector of Assessments and Arrears.

Borough of The Bronx—Municipal Building, Rooms 1-3.
Charles F. Bradbury, Deputy Collector of Assessments and Arrears.

Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets.
Theodore G. Christmas, Deputy Collector of Assessments and Arrears.

Borough of Queens—Municipal Building, Court House Square, Long Island City.
Bernard H. Fee, Clerk, Acting Deputy Collector of Assessments and Arrears.

Borough of Richmond—St. George, New Brighton.
Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.
Stewart Building, Chambers street and Broadway, Room K.

Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets.

BUREAU OF THE CHAMBERLAIN.
Stewart Building, Chambers street and Broadway, Rooms 63 to 67.
Robert R. Moore, Chamberlain.
Henry J. Walsh, Deputy Chamberlain.
Office hours, 9 a. m. to 5 p. m.
Telephone, 4270 Worth.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of Manhattan.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Bureau of Health and Quarantine.
Ernst J. Lederle, Commissioner of Health and President.

Alvah H. Doty, M. D.; Rhineland Waldo, Commissioners.
Eugene W. Schaffer, Secretary.

Herman M. Biggs, M. D., General Medical Officer.
Walter Bensel, M. D., Sanitary Superintendent.

William H. Guilfoyle, M. D., Registrar of Records.
James McC. Miller, Chief Clerk.

Borough of Manhattan.
Alonso Blauvelt, M. D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk.

Charles J. Burke, M. D., Assistant Registrar of Records.
Borough of The Bronx, No. 3731 Third Avenue.
Marion B. McMillan, M. D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Wiloughby and Fleet streets.
Travers R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton streets, Jamaica.
John H. Barry, M. D., Assistant Sanitary Superintendent; George E. Crowley, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Staten Island.
John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk.

DEPARTMENT OF PARKS.

Charles B. Stover, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
Clinton H. Smith, Secretary.
Offices, Arsenal, Central Park.
Telephone, 201 Plaza.

Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.

Michael J. Kennedy, Commissioner of Parks for the Borough of Brooklyn.
Offices, Litchfield Mansion, Prospect Park, Brooklyn.

Office hours, 9 a. m. to 5 p. m.; July and August, 9 a. m. to 4 p. m.
Telephone, 2300 South.

Thomas J. Higgins, Commissioner of Parks for the Borough of The Bronx.
Offices, Zbrowski Mansion, Claremont Park.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 2640 Tremont.
Walter G. Eliot, Commissioner of Parks for the Borough of Queens.

PERMANENT CENSUS BOARD.

Hall of Board of Education, No. 500 Park avenue, third floor. Office hours 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

The Mayor, City Superintendent of Schools and Police Commissioner George H. Chatsfield, Secretary.
Telephone, 5752 Plaza.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.
Foot of East Twenty-sixth street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 7400 Madison Square.

Michael J. Drummond, Commissioner.
Frank J. Goodwin, First Deputy Commissioner.
William J. McKenna, Third Deputy Commissioner.

Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 131 Schermerhorn street, Brooklyn. Telephone 2977 Main.

L. McKee Borden, Secretary.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 9 a. m. to 5 p. m.

The Children's Bureau, No. 124 East 59th street. Office hours, 9 a. m. to 5 p. m.

Jeremiah Connelly, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island.
Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park row, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 6725 Cortlandt.
Telephone, 3363 Cortlandt.
William H. Edwards, Commissioner.

James F. Lynch, Deputy Commissioner, Borough of Manhattan.
Julian Scott, Deputy Commissioner, Borough of Brooklyn.

James F. O'Brien, Deputy Commissioner, Borough of The Bronx.
John J. O'Brien, Chief Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner of Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halleran, Charles T. White, Daniel S. McElroy, Edward Kaufmann, Judson G. Wall.
Telephone, 3900 Worth.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.
Nos. 13 to 21 Park row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephones: Manhattan, 5962 Cortlandt; Brooklyn, 3980 Main, Queens, 1990 Greenpoint; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.

Henry S. Thompson, Commissioner.
J. W. F. Bennett, Deputy Commissioner.
Frederic T. Parsons, Deputy Commissioner, Borough of Brooklyn. Municipal Building, Brooklyn.

John L. Jordan, Deputy Commissioner, Borough of The Bronx, Municipal Building, The Bronx.
M. P. Walsh, Deputy Commissioner, Borough of Queens, Municipal Building, Long Island City.

John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.

Edwin Hayward, President.
James J. Donahue, Secretary.
August C. Schwager, Treasurer.
Rooms Nos. 14, 15 and 16, Aldrich Building, Nos. 149 and 151 Church street.

Telephone, 6472 Barclay.
Office open during business hours every day in the year (except legal holidays). Examinations are held on Monday, Wednesday and Friday after 1 p. m.

FIRE DEPARTMENT.

Headquarters: Office hours for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours.

OFFICES.
Headquarters of Department, Nos. 157 and 159 East 67th street, Manhattan. Telephone, 640 Plaza.

Brooklyn office, Nos. 365 and 367 Jay street, Brooklyn. Telephone, 2653 Main.

Joseph Johnson, Commissioner.
George W. Olvany, Deputy Commissioner.
Philip P. Farley, Deputy Commissioner, Boroughs of Brooklyn and Queens.

Daniel E. Finn, Secretary of Department.
Lloyd Dorsey Willis, Secretary to Commissioner.
Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.

John Kenlon, Chief of Department in charge Bureau of Fire Extinguishment, 157 and 159 East 67th street, Manhattan.
Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens, 365-367 Jay street, Brooklyn.

William Guerin, Deputy Chief in Charge Bureau of Fire Prevention, 157 and 159 East 67th street, Manhattan.
John C. Rennard, Electrical Engineer, in charge Fire Alarm Telegraph Bureau, 157 and 159 East 67th st., Manhattan.

John R. Keefe, Clerk, in charge Bureau of Repairs and Supplies, 157 and 159 East 67th street, Manhattan.

LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL.
Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.

Main office, Hall of Records, Chambers and Centre streets, 6th and 7th floors.

Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.

Assistants—Theodore Connolly, George L. Sterling, Charles D. Olenford, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, Curtis A. Peters, Cornelius F. Collins, John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Wydecombe, Arthur Sweeney, William H. King, George P. Nicholson, George Harold Folwe, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Weil, Francis J. Byrne, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowle, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, John M. Barrett, Frank F. Reilly, Leon G. Godley, Alexander C. MacVulky, Samuel Hoffmann.

Secretary to the Corporation Counsel—Edmund Kirby, Jr.

Chief Clerk—Andrew T. Campbell.
Brooklyn office, Borough Hall, 2d floor. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS.
Main office, No. 90 West Broadway. Telephone, 5070 Barclay. Joel J. Squier, Assistant in charge.

Brooklyn branch office, No. 166 Montague street. Telephone, 3670 Main. Edward Riegelmann, Assistant in charge.

Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3886 Hunters Point. Joseph J. Myers, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES.
No. 119 Nassau street. Telephone, 4526 Cortlandt. Herman Stiefel, Assistant in charge.

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES.
No. 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.
No. 44 East Twenty-third street. Telephone, 961 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION.
Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Fuertes, Secretary; H. de B. Parsons, Charles Soosmith, Linsly R. Williams, M.D.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

James Creelman, President; Richard Welling and Alexander Keogh, Commissioners.
Frank A. Spencer, Secretary.

LABOR BUREAU.
Nos. 54-60 Lafayette street.
Telephone 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East 67th street, Headquarters Fire Department.

Joseph Johnson, Fire Commissioner and ex-officio Chairman; Geo. O. Eaton, Sidney Harris, Bartholomew Donovan, J. Howard Wainwright, R. S. Lundy, Secretary.

Meeting at call of Fire Commissioner.

POLICE DEPARTMENT.

CENTRAL OFFICE.
No. 240 Centre street, 9 a. m. to 5 p. m. (months of June, July and August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 3100 Spring.

Rhineland Waldo, Commissioner.
Douglas I. McKay, First Deputy Commissioner.
George S. Dougherty, Second Deputy Commissioner.

John J. Walsh, Third Deputy Commissioner.
James E. Dillon, Fourth Deputy Commissioner.
William H. Kipp, Chief Clerk.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.

Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.

Stated public meetings of the Commission, Tuesdays and Fridays at 12 m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.

Commissioners—William R. Willcox, Chairman; William McCarroll, Milo R. Malbie, John E. Eustis, J. Sergeant Gram, Counsel, George S. Coleman, Secretary, Travis H. Whitney.

Telephone, 4150 Beckman.

TENEMENT HOUSE DEPARTMENT.

John J. Murphy, Commissioner, Manhattan. Office, 44 East 23d street, Telephone, 5331 Gramercy. William H. Abbott, Jr., First Deputy Commissioner.

Brooklyn Office (Boroughs of Brooklyn, Queens and Richmond), 503 Fulton street, Telephone, 3825 Main. Frank Mann, Second Deputy Commissioner.

Bronx Office, 391 East 149th street, Telephone, 967 Melrose. William B. Calvert, Superintendent.

Office hours 9 a. m. to 5 p. m., Saturdays 9 a. m. to 12 m.

BOROUGH OFFICES.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

George McAneny, President.
Leo Arnstein, Secretary of the Borough.
Julian B. Beaty, Secretary to the President.

Edgar Victor Frothingham, Commissioner of Public Works.
W. R. Patterson, Assistant Commissioner of Public Works.

Rudolph P. Miller, Superintendent of Buildings.
Robert B. Insley, Superintendent of Public Buildings and Offices.

BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Cyrus C. Miller, President.
George Donnelly, Secretary.
Thomas W. Whittle, Commissioner of Public Works.

James A. Henderson, Superintendent of Buildings.
Arthur J. Largy, Superintendent of Highways.

Roger W. Bligh, Superintendent of Public Buildings and Offices.
Telephone, 2680 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16, Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Alfred E. Steers, President.

Reuben L. Haskell, Borough Secretary.
John B. Creighton, Secretary to the President.
Telephone, 3960 Main.
Lewis H. Pounds, Commissioner of Public Works.
John Thatcher, Superintendent of Buildings.
William J. Taylor, Superintendent of the Bureau of Sewers.
Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.
Frederick Linde, Superintendent of Highways.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1900 Greenpoint.
Maurice E. Connolly, President.
Secretary.
Denis O'Leary, Commissioner of Public Works.
Superintendent of Highways.
John J. Simmons, Superintendent of Buildings.
Oliver Stewart Hardgrove, Superintendent of Sewers.
Arrow C. Hankins, Superintendent of Street Cleaning.
Joseph Sullivan, Superintendent of Public Buildings and Offices, Flushing. Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.
George Cromwell, President.
Maybury Fleming, Secretary.
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.
John Seaton, Superintendent of Buildings.
H. E. Buel, Superintendent of Highways.
John T. Fetherston, Assistant Engineer and Acting Superintendent of Street Cleaning.
Ernest H. Seehusen, Superintendent of Sewers.
John Timlin, Jr., Superintendent of Public Buildings and Offices.
Offices, Borough Hall, New Brighton, N. Y., 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1000 Tompkinsville.

CORONERS.

Borough of The Bronx—Corner of Third avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.
A. F. Schwannecke, Jacob Shongut.
Borough of Brooklyn—Office, Rooms 1 and 3, Municipal Building. Telephone, 4004 Main and 4005 Main.
Alexander J. Rooney, Edward Glinnen, Coroners.
Open all hours of the day and night.
Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.
Coroners: Israel L. Feinberg, Herman Helinstein, James E. Winterbottom, Herman W. Holtzhauser.
Telephone, 1094, 5057, 5058 Franklin.
Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.
Alfred S. Ambler, G. J. Schaefer.
Office hours from 9 a. m. to 10 p. m., excepting Sundays and holidays; office open then from 9 a. m. to 12 m.
Borough of Richmond—No. 175 Second street, New Brighton. Open for the transaction of business all hours of the day and night.
William H. Jackson, Coroner.
Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Thomas Allison, Commissioner.
Frederick P. Simpson, Assistant Commissioner.
Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.
William S. Andrews, Commissioner.
James O. Farrell, Deputy Commissioner.
Telephone, 3900 Worth.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
During the months of July and August the hours are from 9 a. m. to 2 p. m.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
William F. Schneider, County Clerk.
Charles E. Gehring, Deputy.
Wm. B. Selden, Second Deputy.
Herman W. Beyer, Superintendent of Indexing and Recording.
Telephone, 5388 Cortlandt.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.
Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Charles S. Whitman, District Attorney.
Henry D. Sayer, Chief Clerk.
Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
William M. Hoes, Public Administrator.
Telephone, 6376 Cortlandt.

REGISTER.

Hall of Records, Office hours, from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
Max S. Grifenhagen, Register.
William Halpin, Deputy Register.
Telephone, 3900 Worth.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Except during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
John S. Shea, Sheriff.
John B. Cartwright, Under Sheriff.
Telephone, 4984 Worth.

SURROGATES.

Hall of Records, Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
John P. Cohalan and Robert L. Fowler, Surrogates; William V. Leary, Chief Clerk.
Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

5 County Court-house.
Thomas R. Farrell, Commissioner.
Michael J. Trudden, Deputy Commissioner.
Office hours from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m.
Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1454 Main.

COMMISSIONER OF RECORDS.

Hall of Records.
Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Charles H. Graft, Commissioner.
William F. Thompson, Deputy Commissioner.
Telephone, 1114 Main.
Telephone, 1082 Main.

COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Henry P. Molloy, County Clerk.
William J. Heffernan, Deputy County Clerk.
Telephone call, 4930 Main.

COUNTY COURT.

County Court House, Brooklyn; Rooms 1, 10, 14, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I., Room No. 23; Part II., Room No. 10; Part III., Room No. 14; Part IV., Room No. 1, Court House. Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 12 m.
Norman S. Dike and Lewis L. Fawcett, County Judges.
Thomas F. Wogan, Deputy Clerk.
Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn. Hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
John F. Clarke, District Attorney.
Telephone number 2955-67 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, 9 a. m. to 5 p. m.
Charles E. Teale, Public Administrator.
Telephone, 2840 Main.

REGISTER.

Hall of Records, Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then from 9 a. m. to 2 p. m., provided for by statute; Saturdays, 9 a. m. to 12 m.
Frederick Lundy, Register.
Owen J. Murphy, Deputy Register.
Telephone, 2830 Main.

SHERIFF.

Temple Bar Building, 186 Remsen street, Room 401, Brooklyn, N. Y.
9 a. m. to 4 p. m.; Saturdays, 12 m.
Patrick H. Quinn, Sheriff.
John Morrissey Gray, Under Sheriff.
Telephone, 6845, 6846, 6847 Main.

SURROGATE.

Hall of Records, Brooklyn, N. Y.
Herbert T. Ketcham, Surrogate.
John H. McCooey, Chief Clerk and Clerk of the Surrogate's Court.
Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.; Queens County Court-house, Long Island City.
George H. Creed, Commissioner of Jurors.
Rodman Richardson, Assistant Commissioner.
Telephone, 455 Greenpoint.

COUNTY CLERK.

No. 364 Fulton street, Jamaica, Fourth Ward, Borough of Queens, City of New York.
Office open, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Martin Mager, County Clerk.
Telephone, 151 Jamaica.

COUNTY COURT.

County Court-house, Long Island City.
County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August and first Saturday of September.
Burt J. Humphrey, County Judge.
Telephone, 551 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court-house, Long Island City, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.
Fred. G. De Witt, District Attorney.
Telephone, 2986 and 2987 Greenpoint.

PUBLIC ADMINISTRATOR.

No. 17 Cook avenue, Elmhurst.
John T. Robinson, Public Administrator, County of Queens.
Office hours, 9 a. m. to 5 p. m.
Telephone, 355 Newtown.

SHERIFF.

County Court-house, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Thomas M. Quinn, Sheriff.
John M. Phillips, Under Sheriff.
Telephone, 2741 and 2742 Greenpoint (office).
Henry O. Schleth, Warden.
Telephone, 372 Greenpoint.

SURROGATE.

Daniel Noble, Surrogate.
Office, No. 364 Fulton street, Jamaica.
Except on Sundays, holidays and half-holidays the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.
The calendar is called on each week day at 10 a. m., except during the month of August.
Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.
Charles J. Kullman, Commissioner.
Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.
Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
C. Livingston Bostwick, County Clerk.
Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1911:
County Court—Sidney Fuller Rawson, County Judge.
First Monday of April, Grand and Trial Jury.
First Monday of October, Grand and Trial Jury.
On Wednesdays of each week at Richmond (except during August) without a Jury.
Surrogate's Court—Sidney Fuller Rawson, Surrogate.
Court days: Mondays, at the Borough Hall, St. George, and Wednesdays, at the Surrogate's

Office, Richmond, at 10.30 o'clock a. m., on which citations and orders are returnable, except during August, and except on days when Jury terms of County Court are held.
Telephones, 235 New Dorp and 1000 Tompkinsville.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.
Albert C. Fach, District Attorney.
Telephone, 50 Tompkinsville.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

PUBLIC ADMINISTRATOR.

Office, Port Richmond.
William T. Holt, Public Administrator.
Telephone, 704 West Brighton.

SHERIFF.

County Court-house, Richmond, S. I.
John J. Collins, Sheriff.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 120 New Dorp.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Court-house, Madison avenue, corner Twenty-fifth street. Court open from 2 p. m. until 6 p. m. Friday. Motion day, Court opens at 10.30 a. m. Motions called at 10 a. m.
George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Nathan L. Miller, Victor J. Dowling, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.
Clerk's office opens 9 a. m.
Telephone, 3340 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court-house, Chambers street. Court open from 10.15 a. m. to 4 p. m.
Special Term, Part I. (motions), Room 16.
Special Term, Part II. (ex-parte business) Room No. 13.
Special Term, Part III., Room No. 19.
Special Term, Part IV., Room No. 20.
Special Term, Part V., Room No. 6.
Special Term, Part VI., Room No. 31.
Trial Term, Part I., Room No. 34.
Trial Term, Part II., Room No. 32.
Trial Term, Part III., Room No. 21.
Trial Term, Part IV., Room No. 24.
Trial Term, Part V., Room No. 18.
Trial Term, Part VI., Room No. —.
Trial Term, Part VII., Room No. 23.
Trial Term, Part VIII., Room No. 35.
Trial Term, Part IX., Room No. 26.
Trial Term, Part X., Room No. 27.
Trial Term, Part XI., Room No. —.
Trial Term, Part XII., Room No. —.
Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.
Trial Term, Part XIV., Room No. 28.
Trial Term, Part XV., Room No. 37.
Trial Term, Part XVI., Room No. —.
Trial Term, Part XVII., Room No. 29.
Trial Term, Part XVIII., Room No. 29.
Naturalization Bureau, Room No. 38, third floor.
Assignment Bureau, room on mezzanine floor, northeast.
Clerks in attendance from 10 a. m. to 4 p. m.
Clerk's Office, Special Term, Part I. (motion), Room No. 15.
Clerk's Office, Special Term, Part II. (ex-parte business), ground floor, southeast corner.
Clerk's Office, Special Term, Calendar, ground floor, south.
Clerk's Office, Trial Term, Calendar, room northeast corner, second floor, east.
Clerk's Office, Appellate Term, room south west corner, third floor.
Trial Term, Part I. (criminal business).
Criminal Court-house, Centre street.
Justices—Henry Bischoff, Leonard A. Gierich, P. Henry Dugro, James Fitzgerald, James A. Blanchard, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis, E. Newburger, John W. Goff, Samuel Scabury, M. Warley Platzek, Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard, Irving Lehman, Alfred R. Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton, Daniel F. Cohalan.
Telephone, 4580 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.
Clerk's office hours, 9 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions. Special Term for ex-parte business.
James F. McGee, General Clerk.
Telephone, 5-60 Main.
CRIMINAL DIVISION—SUPREME COURT.
Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.
Clerk's Office opens from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 6064 Franklin.
COURT OF GENERAL SESSIONS.
Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
Warren W. Foster, Thomas C. O'Sullivan, Otto A. Rosalys, Thomas C. T. Crain, Edward Swann, Joseph F. Mulqueen, James T. Malone, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.
William F. Schneider, Clerk, Supreme Court.
Clerk's Office open from 9 a. m. to 4 p. m.
During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.
Special Term Chambers will be held from 10 a. m. to 4 p. m.
Clerk's Office open from 9 a. m. to 4 p. m.
Edward F. O'Dwyer, Chief Justice; Francis B. Deleahanty, Joseph I. Green, Alexander Fine, Thomas F. Donnelly, John V. McAvoy, Peter Schmuck, Richard T. Lynch, Edward B. La Petra, Richard H. Smith, Justices. Thomas F. Smith, Clerk.
Telephone, 122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.
Court opens at 10 a. m.
Isaac Franklin Russell, Chief Justice; Willard H. Olmsted, Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon and Henry Steinert, Justices. Frank W. Smith, Chief Clerk.
Part I., Criminal Courts Building, Borough of Manhattan. John P. Hilly, Clerk. Telephone, 2922 Franklin.
Part II., County Court House, Room 7, Borough of Brooklyn. This part is held on Mon-

days, Thursdays and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.
Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. S. Moran, Clerk. Telephone, 189 Jamaica.
Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesday. Robert Brown, Clerk. Telephone, 49 Tompkinsville.

CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Ernest K. Coulter, Clerk. Telephone, 1832 Stuyvesant.
Kings County—No. 102 Court street, Brooklyn. Joseph W. Duffy, Clerk. Telephone, 627 Main.
Queens County—No. 19 Hardenbrook avenue, Jamaica. Sydney Ollendorff, Clerk. This court is held on Thursdays.
Richmond County—Corn Exchange Bank Bldg., St. George, S. I. William J. Browne, Clerk. This court is held on Tuesdays. Office open every day (except Sundays and holidays) from 9 a. m. to 4 p. m. On Saturdays from 9 a. m. to 12 m.

CITY MAGISTRATES' COURT.

First Division.

Court opens from 9 a. m. to 4 p. m.
William McAduo, Chief City Magistrate; Robert C. Cornell, Leroy B. Crane, Peter T. Barlow, Matthew P. Breen, Frederick B. House, Charles N. Harris, Frederic Kernochan, Arthur C. Butta, Joseph E. Corrigan, Moses Herrman, Paul Krotel, Keyran J. O'Connor, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis X. McQuade, City Magistrates.
Philip Bloch, Chief Clerk, 300 Mulberry street. Telephone, 6213 Spring.
First District—Criminal Courts Building.
Second District—Jefferson Market.
Third District—Second avenue and First street.
Fourth District—No. 151 East Fifty-seventh street.
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.
Sixth District—One Hundred and Sixty-first street and Brook avenue.
Seventh District—No. 314 West Fifty-fourth street.
Eighth District—Main street, Westchester.
Ninth District (Night Court for Females)—125 Sixth avenue.
Tenth District (Night Court for Males)—No. 151 East Fifty-seventh street.
Eleventh District—Domestic Relations Court—No. 151 East Fifty-seventh street.
Second Division.

Borough of Brooklyn.
Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hyman, Howard P. Nash, Moses J. Harris, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, City Magistrates.
Office of Chief Magistrates, 44 Court street, Rooms 209-214. Telephone, 7411 Main.
William F. Delaney, Chief Clerk.
Archibald J. McKinney, Chief Probation Officer.

Courts.

First District—No. 318 Adams street.
Second District—Court and Butler streets.
Fourth District—No. 6 Lee avenue.
Fifth District—No. 249 Manhattan avenue.
Sixth District—No. 495 Gates avenue.
Seventh District—No. 31 Snider avenue (Flat-bush).
Eighth District—West Eighth street (Coney Island).
Ninth District—Fifth avenue and Twenty-third street.
Tenth District—No. 133 New Jersey avenue.
Domestic Relations Court—Myrtle and Vanderbilt avenues.

Borough of Queens.

City Magistrates—Matthew J. Smith, Joseph Fitch, Eugene C. Gilroy.
Courts.
First District—St. Mary's Lyceum, Long Island City.
Second District—Town Hall, Flushing, L. I.
Third District—Central avenue, Far Rockaway, L. I.
Fourth District—Town Hall, Jamaica, L. I.
Borough of Richmond.
City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette avenue, New Brighton, Staten Island.
Second Division—Village Hall, Stapleton, Staten Island.
All Courts open daily for business from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

MUNICIPAL COURTS.

Borough of Manhattan.
First District—The First District embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.
Wauhope Lynn, William F. Moore, John Hoyer, Justices.
Thomas O'Connell, Clerk.
Location of Court—Merchants' Association Building, Nos. 54-60 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Additional Part is held at southwest corner of Sixth avenue and Tenth street.
Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.
Benjamin Hoffman, Leon Sanders, Thomas P. Dinneen, Leonard A. Snitkin, Justices.
James J. Devlin, Clerk.
Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenue, on the west by the westerly boundary of the said borough.
Thomas E. Murray, Thomas F. Noonan, Justices.
Michael Skelly, Clerk.
Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone number, 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the centre line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said borough; excluding, however, any portion of Blackwells Island.

Michael F. Blake, William J. Boyhan, Justices.

Abram Bernard, Clerk.

Location of Court—Part I. and Part II., No. 151 East Fifty-seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3860 Plaza.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough.

Alfred P. W. Seaman, William Young, Frederick Spiegelberg, Justices.

John H. Servis, Clerk.

Location of Court—Southwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Lexington avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including, however, all of Blackwells Island and excluding any portion of Wards Island.

Jacob Marks, Solomon Oppenheimer, Justices.

Edward A. McQuade, Clerk.

Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 4343 Lenox.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminous with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.

Philip J. Sinnott, David L. Weil, John R. Davies, Justices.

John P. Burns, Clerk.

Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.

Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randall's Island and the whole of Wards Island.

Joseph P. Fallon and Leopold Prince, Justices.

William J. Kennedy, Clerk.

Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Fifth avenue from the centre line of One Hundred and Tenth street to the centre line of Ninety-sixth street, on the north by the centre line of Lexington avenue to the centre line of Fifth avenue and One Hundred and Tenth street from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.

Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.

William J. Chamberlain, Clerk.

Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.

Telephone, 3873 Plaza.

Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham including the Villages of Wakefield and Williamsbridge. Court-room, Town hall, No. 1400 Williamsbridge road, Westchester Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.

Stephen Collins, Clerk.

Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.

Telephone, 457 Westchester.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m. Sundays and legal holidays excepted.

John M. Tierney, Justice. Thomas A. Maher, Clerk.

Telephone, 3043 Melrose.

Borough of Brooklyn.

First District—Coping First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards, and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn.

Court-house, northwest corner State and Court streets. Parts I. and II.

Eugene Conran, Justice. Edward Moran, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Second District—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines of North Portland and Myrtle avenues, thence along the centre line of Myrtle avenue to Waverly avenue, thence along the centre line of Waverly avenue to Park avenue, thence along the centre line of Park

avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of Flushing avenue to North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.

Court-room No. 495 Gates avenue.

John R. Farrar, George Freilich, Justices.

Franklin B. Van Wart, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m. Sundays and legal holidays excepted. Saturdays 8.45 a. m. to 12 m.

Telephone, 504 Bedford.

Third District—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue, and northwest to the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest to the centre line of Wiloughby avenue between the centre lines of Bushwick avenue and Broadway.

Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.

Philip D. Meagher and William J. Bogenschutz, Justices.

John W. Carpenter, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Court opens at 9 a. m.

Telephone, 995 Williamsburg.

Fourth District—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue and southeast of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and southeast of the centre line of Wiloughby avenue between the centre lines of Bushwick avenue and Broadway.

Court-room No. 14 Howard avenue.

Jacob S. Strahl, Justice, Joseph P. McCarthy, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Telephone, 407 Bay Ridge.

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.

Lucien S. Baylis and W. Seward Shanahan, Justices.

William R. Fagan, Clerk.

Court-house, No. 236 Dufield street.

Telephone, 6166-J Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards, Justices.

Samuel F. Brothers, Clerk.

Court-house, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).

Clerk's Office open from 8.45 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays. During July and August, 8.45 a. m. to 2 p. m.

Telephones, 904 and 905 East New York.

Borough of Queens.

First District—Embraces the territory bounded by and within the canal, Raptely avenue, Jackson avenue, Old Bowers Bay road, Bowers Bay, East River and Newtown Creek. Court-room, St. Mary's Lyceum, Nos. 115 and 117 Fifth street, Long Island City.

Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.

Thomas C. Kadien, Justice. John F. Cassidy, Clerk.

Telephone, 2376 Greenpoint.

Second District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek. Court-room in Court-house of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. Address, Elmhurst, Queens County, New York.

John M. Cragen, Justice. J. Frank Ryan, Clerk.

Trial days, Tuesdays and Thursdays.

Fridays for jury trials only.

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Telephone, 87 Newtown.

Third District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

Fifth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

Sixth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

Seventh District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

Eighth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East river, Bowers bay, Old Bowers Bay road, Jackson avenue, Raptely avenue, the canal and Newtown Creek.

Alfred Denton, Justice. John H. Huhn, Clerk.

1908 and 1910 Myrtle avenue, Glendale.

Telephone, 2352 Bushwick.

Clerk's Office open from 9 a. m. to 4 p. m. Trial days, Tuesdays and Thursdays (Fridays for jury trials only), at 9 a. m.

bay, boundary line between Queens and Nassau counties, Rockaway road, Morris avenue, Atlantic avenue, Shaw avenue, Jamaica avenue and Vandewater avenue.

Court-house, Town Hall, northeast corner of Fulton street and Flushing avenue, Jamaica.

James F. McLaughlin, Justice. George W. Damon, Clerk.

Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Court held on Mondays, Wednesdays and Fridays at 9 a. m.

Telephone, 1654 Jamaica.

Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

Thomas C. Brown, Justice. Thomas E. Crimmins, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m. Telephone, 503 Tompkinsville.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.

Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m. Court opens at 9 a. m. Calendar called at 9 a. m. Court continued until close of business.

Trial days, Mondays, Wednesdays and Fridays. Telephone, 313 Tompkinsville.

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF

chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commission appointed under said acts will be held at the office of the Commission, Room 221, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m. until further notice.

Dated New York City, July 26, 1911.

WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.

LAMONT McLAUGHLIN, Clerk.

BOARD OF CITY RECORD.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE

received at the office of the Supervisor of the City Record, 21 Park row, in The City of New York, until 11 o'clock a. m., on

WEDNESDAY, DECEMBER 27, 1911.

FOR SUPPLYING STATIONERY, ETC., FOR THE USE OF COURTS AND THE DEPARTMENTS AND BUREAUS OF THE CITY OF NEW YORK DURING 1912.

The time for the delivery of the materials and supplies and the performance of the contract shall be not later than July 1, 1912. The Supervisor, however, may require a delivery at an earlier date of any item or items on this contract by notice to the contractor, whereupon the item or items called for must be delivered not later than 30 days after said notice. The amount of security shall be twenty-five per cent. (25%) of the amount of the bid.

The bidder must state the price of each item. The bids will be tested and the award made to the bidders whose bids are the lowest for each schedule.

The said Board reserves the right to reject all bids or estimates if it deems it to be for the interest of the City so to do.

Delivery will be required to be made at the office of the Distributing Division of the City Record, 96 and 98 Reade st., from time to time and in such quantities as may be directed by the Supervisor of the City Record.

For particulars as to the quantity and quality of the supplies or the nature and extent of the work, reference must be made to the specifications, to be had at the office of the Supervisor.

WILLIAM J. GAYNOR, Mayor; ARCHIBALD R. WATSON, Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller, Board of City Record.

The City of New York, December 13, 1911.

d14.27

See General Instructions to Bidders on the last page, last column, of the "City Record."

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE

received at the office of the Supervisor of the City Record, Room 807, Park Row Building, 13 to 21 Park row, in The City of New York, until 11 o'clock a. m., on

WEDNESDAY, DECEMBER 20, 1911.

FOR SUPPLYING PRINTED, LITHOGRAPHED OR BLANK BOOKS, DOCKETS, LIBERS, BINDING, ETC., FOR THE USE OF THE COURTS AND THE DEPARTMENTS AND BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK DURING THE YEAR 1912.

The time of delivery of the materials and supplies and the performance of the contract shall not be later than June 30, 1912. The Supervisor, however, may require delivery at an earlier date of any item or items on this contract by notice to the contractor, whereupon the item or items called for must be delivered not later than thirty days after said notice.

The amount of security shall be 25 per cent. (25%) of the amount of the bid.

The bidder must state the item price for each item and the total price of each Department, Bureau or Court schedule. The bids will be tested and the award made by the schedule.

Bidders will write out the total amount of their estimates in addition to inserting the same in figures.

The said Board reserves the right to reject all bids or estimates if it deems it to be for the interest of the City so to do.

Delivery will be required to be made at the Distributing Division of the City Record, at 96 and 98 Reade st., from time to time and in such quantities as may be directed by the Supervisor of the City Record.

For particulars as to the quantity and quality of the supplies or the nature and extent of the work, reference must be made to the specifications, to be had at the office of the Supervisor and on file in the office of the Comptroller.

WILLIAM J. GAYNOR, Mayor; ARCHIBALD R. WATSON, Corporation Counsel;

WM. A. PRENDERGAST, Comptroller, Board of City Record.

The City of New York, December 8, 1911.

d9.20

See General Instructions to Bidders on the last page, last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, NOVEMBER 23, 1911.

AT A MEETING OF THE MUNICIPAL CIVIL SERVICE COMMISSION held on November 22, 1911, it was

Resolved, That paragraph 24 of Rule XV. (Promotion) be and the same hereby is amended to read as follows:

"24. Any person in the competitive

44 ASSISTANT CLERKS.
3. Striking from the competitive class (Part III.—The Engineering Service), Grade 4 of Class 2—Architectural, the title "Engineer-Inspector," and inserting in Grade 3 of Class 1—Civil, the following:
ENGINEER-INSPECTOR.
Public hearings will be allowed, at the request of any interested person, at the offices of the Commission, 299 Broadway, on
WEDNESDAY, DECEMBER 20, 1911,
at 10 o'clock a. m.
FRANK A. SPENCER, Secretary.
d18,20

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, DECEMBER 18, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
MONDAY, DECEMBER 18, TO WEDNESDAY, JANUARY 3, 1912, AT 4 P. M.,
for the position of

INTERPRETER (RUSSIAN, POLISH AND HEBREW).

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. January 3, will be accepted.

The mental examination will be held on Wednesday, January 24, 1912, at 10 a. m.

An oral test will be held on dates to be announced later.

The subjects and weights of the examination are as follows: Written, 4; Oral, 4; Letter, 2. The percentage required is 70.

Applicants must be citizens of the United States and residents of the State of New York. Candidates must present themselves in all three languages.

Minimum age, 21 years. Vacancies, two (2) in City Magistrates' Court, Second Division, at a salary of \$1,200 per annum. Usual salary, \$1,200 to \$1,500 per annum.

FRANK A. SPENCER, Secretary.
d18,23

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, DECEMBER 12, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
TUESDAY, DECEMBER 12, 1911, TO 4 P. M. WEDNESDAY, DECEMBER 27, 1911,
for the position of

INSPECTOR OF ELECTRICAL CONDUCTORS, GRADE 2.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. December 27, will be accepted.

The examination will be held on Tuesday, January 16, 1912, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 5; Mathematics, 1; Report, 2; Experience, 2; 75 per cent. required on technical paper, and 70 per cent. on all.

Applicants must be citizens of the United States and residents of the State of New York.

Vacancies, two in the Department of Water Supply, Gas and Electricity.

Salary, \$1,200 per annum; minimum age, 21 years.

FRANK A. SPENCER, Secretary.
d12,27

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, DECEMBER 14, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
THURSDAY, DECEMBER 14, TO 4 P. M. FRIDAY, DECEMBER 29, 1911,
for the position of

BOOKBINDER.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. December 29, will be accepted.

The examination will be held on Monday, January 22, 1912, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 6; experience, 3; arithmetic, 1. 75% required on technical paper and 70% on all.

Applicants must be citizens of the United States and residents of the State of New York.

Candidates are expected to be familiar with bookbinding in all of its stages and varieties.

Minimum age, 21 years. Vacancies, one in the Department of Finance. Salary, \$1,080 per annum.

FRANK A. SPENCER, Secretary.
d14,29

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, DECEMBER 13, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
WEDNESDAY, DECEMBER 13, TO 4 P. M. THURSDAY, DECEMBER 28, 1911,
for the position of

TOPOGRAPHICAL DRAFTSMAN (\$1,200 per annum).

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. December 28, will be accepted.

The examination will be held on Thursday, January 18, 1912, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 5; experience, 2; mathematics, 2; neatness, 1. 75% required on technical paper and 70% on all.

Applicants must be citizens of the United States.

The requirement of residence in the State of New York is waived for this examination; also the requirement that vouchers shall be residents of the City of New York, and applications bearing the certificates of four persons resident or engaged in business elsewhere will be accepted.

The provision of clause 12 of Rule VII., to the effect that "No person who has entered any examination for appointment to a competitive position and failed therein or who has withdrawn therefrom, shall be admitted within nine months from the date of such examination to a new examination for the same position," is waived, so far as it applies to this examination.

A number of vacancies exist. Salary, \$1,200 per annum. Minimum age, 21 years.

FRANK A. SPENCER, Secretary.
d13,28

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, DECEMBER 11, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
MONDAY, DECEMBER 11, TO 4 P. M. TUESDAY, DECEMBER 26, 1911,
for the position of

DEPUTY TAX COMMISSIONER, BOROUGH OF RICHMOND.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m. December 26 will be accepted.

The examination will be held on Friday, January 5, 1912, at 10 a. m.

The subjects and weights of the examination are as follows: Special, 5; Experience, 3; Arithmetic, 2; 70 per cent. required on the special paper and 70 per cent. on all.

The provision of clause 12 of Rule VII., to the effect that "No person who has entered any examination for appointment to a competitive position and failed therein, or who has withdrawn therefrom, shall be admitted within nine months from the date of such examination to a new examination for the same position," is waived so far as it applies to this examination.

Deputy Tax Commissioners assess the valuation of real estate and personal property for purposes of taxation.

Candidates for examination must be familiar with real estate values and with the methods of real estate appraisal.

They must be acquainted with the laws relative to taxation in New York City and with the manner of applying them.

They must have ample experience either as appraisers, operators or brokers in real estate or in occupations furnishing such experience.

It is useless without such qualifications to take the examination.

Section 888 of the Charter provides that no person shall be appointed to the office of Deputy Tax Commissioner unless he shall be at the time he is appointed and shall have been at least one year prior thereto an elector in the Borough of Richmond.

Minimum age, 21 years; salary, \$1,800 per annum. No vacancies at present.

FRANK A. SPENCER, Secretary.
d11,26

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, DECEMBER 9, 1911.
PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from
SATURDAY, DECEMBER 9, TO 12 M. SUNDAY, DECEMBER 23, 1911,
for the position of

VETERINARIAN, DEPARTMENT OF HEALTH.

No application delivered at the office of the Commission, by mail or otherwise, after 12 m. Saturday, December 23, will be accepted.

The examination will be held on Wednesday, January 3, 1912, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 6; Experience, 4; 75 per cent. required on Technical paper, and 70 per cent. on all.

The requirement of residence in the State of New York is waived for this examination; also the requirement that vouchers shall be residents of the City of New York, and applications bearing the certificates of four persons, resident or engaged in business elsewhere, will be accepted.

Applicants must be citizens of the United States.

The attention of the candidates for this position is called particularly to the fact that the duties of Veterinarians in the Department of Health consist largely of making inspections of live animals and the holding of post mortems.

Among these duties are the examination of horses for glanders, of cows for tuberculosis, of dogs for rabies, of calves from which vaccine virus is to be obtained and the investigation of complaints regarding diseases in animals, vicious dogs, etc. Post mortems have to be held on calves after the vaccine virus has been collected, and on cattle in slaughter houses to make certain that the flesh of such cattle will not endanger the health of those using it as food.

Candidates must be able to apply the different tests for glanders and the tuberculin tests for cattle. They are also charged with the duty of examining horses purchased by the Department and supervision over the health of Department horses.

The provision of clause 12 of Rule VII., to the effect that "No person who has entered any examination for appointment to a competitive position and failed therein, or who has withdrawn therefrom, shall be admitted within nine months from the date of such examination to a new examination for the same position," is waived, so far as it applies to this examination.

Minimum age, 21 years; vacancies, three. Salary, \$1,200 per annum.

FRANK A. SPENCER, Secretary.
d9,23

BOROUGH OF MANHATTAN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room 14, until 11 o'clock a. m., on

SATURDAY, DECEMBER 30, 1911,

1. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 1, IN THE AREA BOUNDED BY THE BATTERY, THE NORTH RIVER, 10TH STREET, AND THE EAST RIVER.

Engineer's estimate of amount of work to be done:

36,000 square yards of asphalt pavement, including binder course where required.

2,000 square yards of asphalt pavement by heater method.

8,000 square yards of foundation prepared for asphalt pavement by drying where required.

50 cubic yards of Portland cement concrete.

1,000 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$10,000.

2. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 2, IN THE AREA BOUNDED BY 10TH ST., THE NORTH RIVER, 42D ST. AND THE EAST RIVER.

Engineer's estimate of amount of work to be done:

69,000 square yards of asphalt pavement, including binder course where required.

2,000 square yards of asphalt pavement by heater method.

8,000 square yards of foundation prepared for asphalt pavement by drying where required.

100 cubic yards of Portland cement concrete.

1,000 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$20,000.

3. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 3, IN THE AREA BOUNDED BY 42D ST., THE NORTH RIVER, 72D ST. AND THE EAST RIVER.

Engineer's estimate of amount of work to be done:

58,000 square yards of asphalt pavement including binder course where required.

6,000 square yards of asphalt pavement by heater method.

7,000 square yards of foundation prepared for asphalt pavement by drying where required.

125 cubic yards of Portland cement concrete.

800 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$18,000.

4. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 4, IN THE AREA BOUNDED BY 72D ST., THE NORTH RIVER, 116TH ST. AND THE EAST RIVER.

Engineer's estimate of amount of work to be done:

49,000 square yards of asphalt pavement including binder course where required.

6,000 square yards of asphalt pavement by heater method.

4,000 square yards of foundation prepared for asphalt pavement by drying where required.

125 cubic yards of Portland cement concrete.

600 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$15,000.

done under the contract in accordance with the terms thereof.

The amount of security required will be \$18,000.

5. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 5, IN THE AREA BOUNDED BY 116TH ST., THE NORTH RIVER, 161ST ST. AND THE EAST RIVER.

Engineer's estimate of amount of work to be done:

49,000 square yards of asphalt pavement including binder course where required.

6,000 square yards of asphalt pavement by heater method.

4,000 square yards of foundation prepared for asphalt pavement by drying where required.

125 cubic yards of Portland cement concrete.

600 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$15,000.

6. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, IN SECTION NO. 6, IN THE AREA BOUNDED BY 161ST ST., THE NORTH RIVER, SPUYTEN DUYVIL CREEK AND THE HARLEM RIVER.

Engineer's estimate of amount of work to be done:

29,000 square yards of asphalt pavement, including binder course where required.

4,000 square yards of asphalt pavement by heater method.

3,000 square yards of foundation prepared for asphalt pavements by drying where required.

100 cubic yards of Portland cement concrete.

600 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required will be \$9,000.

7. FOR REPAIRING SHEET ASPHALT PAVEMENTS IN THE BOROUGH OF MANHATTAN, TOGETHER WITH THE WORK INCIDENTAL THERETO, AS PER STREETS ENUMERATED IN THE CONTRACT.

Engineer's estimate of amount of work to be done:

241,000 square yards of asphalt pavement, including binder course where required.

20,000 square yards of asphalt pavement by heater method.

30,000 square yards of foundation prepared for asphalt pavement by drying where required.

500 cubic yards of Portland cement concrete.

4,000 square yards of old stone pavement to relay.

The time allowed for doing and completing the above work will be until December 31, 1912, or until the earlier completion of the work to be done under the contract in accordance with the terms thereof.

The amount of security required for the whole work will be \$73,000.

(1) Bids will be received and the contract may be awarded for the entire work, viz.: five sections.

(2) Bids will be received for the work in sections, and the contract may be awarded for each section.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure, or article by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Commissioner of Public Works, 13 to 21 Park row, Bureau of Highways, Room 1611, Borough of Manhattan.

GEORGE McANENY, President.
The City of New York, December 19, 1911.
d19,30

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room 14, in the City of New York, until 2 o'clock p. m., on

WEDNESDAY, DECEMBER 27, 1911,

FURNISHING AND INSTALLING STEEL FILING CASES IN THE BUREAU OF SEWERS, OFFICES, COMMISSIONER OF PUBLIC WORKS, 21 PARK ROW.

The time allowed for doing and completing the work will be one hundred (100) consecutive calendar working days.

The security required will be Fifteen Hundred Dollars (\$1,500).

The bidder shall state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

The contract will be awarded to the lowest bidder.

Blank forms and specifications may be obtained at the office of the Auditor, offices of the Commissioner of Public Works, eighteenth floor, 13 to 21 Park Row, Borough of Manhattan.

GEORGE McANENY, President.
City of New York, December 13, 1911.
d13,27

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room 14, until 2 o'clock p. m., on

TUESDAY, DECEMBER 26, 1911,

FOR CLEANING ALL THE GLASS IN ALL THE WINDOWS, DOORS, DOMES AND SKYLIGHTS OF THE VARIOUS PUBLIC BUILDINGS, COURTS AND OFFICES UNDER THE CARE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, DURING THE YEAR 1912.

The time allowed for the completion of the contract will be until December 31, 1912.

The amount of security required will be Two Thousand Dollars (\$2,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and specifications may be obtained at the office of the Auditor, offices of the Commissioner of Public Works, eighteenth floor, 13 to 21 Park row, Borough of Manhattan.

GEORGE McANENY, President.
City of New York, December 13, 1911.
d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room 14, until 2 o'clock p. m., on

TUESDAY, DECEMBER 26, 1911.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR

RECONSTRUCTION OF A DOUBLE-BARREL SEWER AND APPURTENANCES UNDER PIER AT FOOT OF W. 129TH ST., NORTH RIVER.

The Engineer's estimate of the quantity and quality of the material and the nature and extent as near as possible of the work required is as follows:

206 linear feet 4-foot 9-inch diameter wooden barrel sewer.

1,000 feet B. M. of timber and planking for footways, additional checks, etc.

The time allowance to complete the whole work is one hundred (100) working days.

The amount of security required is Two Thousand dollars (\$2,000).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure, or article by which the bids will be tested. The extensions must be made and footed up.

Blank forms may be had and the plans and drawings may be seen at the office of the Commissioner of Public Works, 13-21 Park row, Bureau of Sewers, Borough of Manhattan.

GEORGE McANENY, President, Borough of Manhattan.
The City of New York, December 13, 1911.
d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

I HEREBY GIVE NOTICE THAT A PETITION has been presented to the President of the Borough of The Bronx, and is on file in my office for inspection, for

514. WHITE PLAINS ROAD, between East 177th st. and Walker ave.; in WOOD AVE., between White Plains road and Beach ave.; in McGRAW AVE., between White Plains road and East 177th st.; in EAST 177TH ST., between McGraw ave. and Theriot ave.; in LELAND AVE., between McGraw ave. and Wood ave.; and in THERIOT AVE., between East 177th st. and Wood ave.; together with all work incidental thereto.

515. Acquiring title to the lands necessary for DYRE AVE. from Boston road to the northerly line of The City of New York.

The petition for the above will be submitted to the Local Board having jurisdiction thereof, on January 3, 1912, at 8 p. m., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, 177th st. and 3d ave.

Dated December 19, 1911.
CYRUS C. MILLER, President of the Borough of The Bronx.
GEORGE DONNELLY, Secretary.

OFFICE OF THE PRESIDENT

dental thereto. Said pavement is designated under chapter 546 of the Laws of 1910 as Class "A" pavement.

The petition for the above will be submitted to the Local Board having jurisdiction thereof, on January 3, 1912, at 8.15 p. m., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, 177th st. and 3d ave.

Dated December 18, 1911.

CYRUS C. MILLER, President of the Borough of The Bronx.
GEORGE DONNELLY, Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

I HEREBY GIVE NOTICE THAT A PETITION has been presented to the President of the Borough of The Bronx, and is on file in my office for inspection, for

513. For regulating and regrading, setting and resetting curb stones, flagging and reflagging the sidewalks a space four feet wide, and erecting fences where necessary in, and paving with asphalt blocks on a concrete foundation the roadway of TIFANY ST., from Southern boulevard to Lafayette ave., together with all work incidental thereto. Said pavement being designated as Class "A" under chapter 546, Laws of 1910.

The petition for the above will be submitted to the Local Board having jurisdiction thereof on January 3, 1912, at 8.45 p. m., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, 177th st. and 3d ave.

Dated December 18, 1911.

CYRUS C. MILLER, President of the Borough of The Bronx.
GEORGE DONNELLY, Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

I HEREBY GIVE NOTICE THAT A PETITION has been presented to the President of the Borough of The Bronx, and is on file in my office for inspection, for each of the following

506. Paving with asphalt blocks on a concrete foundation the roadway of YUSE AVE., from East 172d st. to Boston road, and setting curb where necessary, together with all work incidental thereto. Said pavement being designated under chapter 546, Laws of 1910, as Class "A" pavement.

507. Paving with sheet asphalt on a concrete foundation the roadway of BEAUMONT AVE., from Grote st. to East 189th st., setting curb where necessary, together with all work incidental thereto; said pavement being designated under chapter 546 of the Laws of 1910 as Class "A" pavement.

510. Regulating and resetting flagging on the easterly side of DAILY AVE., for a distance of 130 feet beginning at a point 129 feet south of 177th st. and running southerly, the said walk having been reported about 8 inches below the grade of the curb.

The petition for the above will be submitted to the Local Board having jurisdiction thereof, on January 3, 1912, at 9 p. m., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, 177th st. and 3d ave.

Dated December 18, 1911.

CYRUS C. MILLER, President of the Borough of The Bronx.
GEORGE DONNELLY, Secretary.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at the above office, until 10.30 a. m. on

TUESDAY, DECEMBER 26, 1911.
1. FOR FURNISHING AND DELIVERING ONE EIGHT-TON STEAM ASPHALT ROLLER TO THE BUREAU OF HIGHWAYS.

The time allowed for the performance of the contract will be within twenty calendar days after the execution of the contract, the endorsement thereon of the certificate of the Comptroller, and the receipt by the contractor of a written order to deliver from the President of the Borough of The Bronx.

The amount of security required will be Twelve Hundred Dollars.

2. FOR FURNISHING AND DELIVERING ONE FIVE-TON STEAM ASPHALT ROLLER TO THE BUREAU OF HIGHWAYS.

The time allowed for the performance of the contract will be within twenty calendar days after the execution of the contract, the endorsement thereon of the certificate of the Comptroller, and the receipt by the contractor of a written order to deliver from the President of the Borough of The Bronx.

The amount of security required will be One Thousand Dollars.

Blank forms can be obtained upon application therefor, and the specifications may be seen and other information obtained at said office.

CYRUS C. MILLER, President.
d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF FINANCE.

Interest on City Bonds and Stock.

THE INTEREST DUE JANUARY 1, 1912, on registered bonds and stock of The City of New York, and of former corporations now included therein, will be paid on January 2, 1912, by the Comptroller at his office (Room 85) in the Stewart Building, corner of Broadway and Chambers st., in the Borough of Manhattan.

The interest due January 1, 1912, on the coupon bonds of the late City of Brooklyn will be paid on January 2, 1912, by the Nassau National Bank of Brooklyn, 26 Court st., in the Borough of Brooklyn.

The interest due on January 1, 1912, on coupon bonds of former corporations now included in The City of New York, except the late City of Brooklyn and the former County of Queens, will be paid on January 2, 1912, at the office of the Guaranty Trust Co. of New York, 28 and 30 Nassau st., Borough of Manhattan.

The coupons that are payable on January 1, 1912, for interest on bonds issued by the former County of Queens will be paid on January 2, 1912, at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is due on January 1, 1912, will be closed from December 15, 1911, to January 2, 1912.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 15, 1911. d2,31

Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMPANIES will be accepted as sufficient upon the following contracts to the amounts named:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to \$50,000.

When such company is authorized to write that

amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Construction.
One company on a bond up to \$25,000. Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

Dated January 3, 1910.

WILLIAM A. PRENDERGAST, Comptroller.

Notices of Sale.

NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, Fifth Ward, as to liens remaining unsold at the termination of sales of November 21 and December 12, 1911, has been continued to

TUESDAY, JANUARY 16, 1912 at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears office, third floor, Municipal Building, Court House Square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated December 12, 1911. d14,116

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of sales of February 6, 20; March 6, April 10, May 15, 29; June 19, July 10, September 11, November 13, 27 and December 11, 1911, has been continued to

MONDAY, JANUARY 15, 1912 at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Coroner's Court Room, Bronx Building, 531 Tremont ave., in the Borough of The Bronx, in the City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated December 11, 1911. d12,115

Corporation Sales.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF THE Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids, at the upset or minimum prices stated for each parcel, certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx.
Being all the buildings, parts of buildings, etc., standing within the lines of Pleasant avenue, from Gun Hill road to East 219th street, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto, will be held by direction of the Comptroller on

TUESDAY, DECEMBER 26, 1911, at 11 a. m., in lots and parcels and in manner and form and at upset prices, as follows:

Parcel 10—Fence on the west side of Pleasant avenue, 150 feet south of East 213th street. Upset price, \$2.

Parcel 12—Fence on the west side of Pleasant avenue, 50 feet south of East 213th street. Upset price, \$5.

Parcel 14—Fence and part of steps on the northwest corner of Pleasant avenue and East 213th street. Upset price, \$10.

Parcel 15—Fence and part of steps north of and adjoining Parcel 14. Upset price, \$4.

Parcel 16—Fence north of and adjoining Parcel 15. Upset price, \$3.

Parcel 17—Fence and part of steps north of and adjoining Parcel 16. Upset price, \$4.

Parcel 18—Fence north of and adjoining Parcel 17. Upset price, \$4.

Parcel 19—Fence north of and adjoining Parcel 18. Upset price, \$12.

Parcel 20—Fence north of and adjoining Parcel 19. Upset price, \$10.

Parcel 21—Fence and steps north of and adjoining Parcel 20. Upset price, \$12.

Parcel 22—Fence and steps north of and adjoining Parcel 21. Upset price, \$6.

Parcel 23—Fence north of and adjoining Parcel 22. Upset price, \$2.

Parcel 24—Fence and part of porch and steps north of and adjoining Parcel 23. Upset price, \$15.

Parcel 25—Fence and part of porch and steps north of and adjoining Parcel 24. Upset price, \$15.

Parcel 26—Fence and part of porch north of and adjoining Parcel 25. Upset price, \$12.

Parcel 27—Iron fence north of and adjoining Parcel 26. Upset price, \$5.

Parcel 28—Fence north of and adjoining Parcel 27. Upset price, \$3.

Parcel 29—Fence north of and adjoining Parcel 28. Upset price, \$2.

Parcel 30—Fence north of and adjoining Parcel 29. Upset price, \$2.

Parcel 31—Fence on the southwest corner of Pleasant avenue and East 216th street. Upset price, \$5.

Parcel 33—Fence on the northwest corner of Pleasant avenue and East 216th street. Upset price, \$10.

Parcel 34—Fence north of and adjoining Parcel 33. Upset price, \$5.

Parcel 35—Fence north of and adjoining Parcel 34. Upset price, \$5.

Parcel 36—Fence north of and adjoining Parcel 35. Upset price, \$5.

Parcel 37—Fence north of and adjoining Parcel 36. Upset price, \$5.

Parcel 38—Fence and part of steps north of and adjoining Parcel 37. Upset price, \$5.

Parcel 39—Fence north of and adjoining Parcel 38. Upset price, \$6.

Parcel 40—Part of steps north of and adjoining Parcel 39. Upset price, \$8.

Parcel 41—Part of steps north of and adjoining Parcel 40. Upset price, \$8.

Parcel 42—Part of steps north of and adjoining Parcel 41. Upset price, \$8.

Parcel 43—Part of steps north of and adjoining Parcel 42. Upset price, \$8.

Parcel 44—Fence north of and adjoining Parcel 43. Upset price, \$10.

Parcel 45—Part of steps of three houses north of and adjoining Parcel 44. Upset price, \$24.

Parcel 48—Fence on the northeast corner of Pleasant avenue and Gun Hill road. Upset price, \$1.

Parcel 49—Fence on the east side of Pleasant avenue, north of and adjoining Parcel 48. Upset price, \$3.

Parcel 50—Fence north of and adjoining Parcel 49. Upset price, \$3.

Parcel 51—Fence north of and adjoining Parcel 50. Upset price, \$1.

Parcel 52—Fence north of and adjoining Parcel 51. Upset price, \$1.

Parcel 53—Fence north of and adjoining Parcel 52. Upset price, \$2.

Parcel 54—Fence north of and adjoining Parcel 53. Upset price, \$2.

Parcel 55—Fence north of and adjoining Parcel 54. Upset price, \$1.

Parcel 57—Fence on the southeast corner of Pleasant avenue and East 213th street. Upset price, \$3.

Parcel 60—Fence on the east side of Pleasant avenue, 100 feet north of East 213th street. Upset price, \$4.

Parcel 61—Fence north of and adjoining Parcel 60. Upset price, \$4.

Parcel 62—Fence north of and adjoining Parcel 61. Upset price, \$4.

Parcel 63—Fence north of and adjoining Parcel 62. Upset price, \$4.

Parcel 64—Fence north of and adjoining Parcel 63. Upset price, \$4.

Parcel 65—Fence and part of steps north of and adjoining Parcel 64. Upset price, \$5.

Parcel 66—Wall and fence north of and adjoining Parcel 65. Upset price, \$5.

Parcel 67—Wall north of and adjoining Parcel 66. Upset price, \$5.

Parcel 68—Wall north of and adjoining Parcel 67. Upset price, \$5.

Parcel 69—Wall and part of steps north of and adjoining Parcel 68. Upset price, \$5.

Parcel 70—Fence north of and adjoining Parcel 69. Upset price, \$10.

Parcel 71—Fence north of and adjoining Parcel 70. Upset price, \$4.

Parcel 72—Wall and fence north of and adjoining Parcel 71. Upset price, \$5.

Parcel 73—Wall and fence north of and adjoining Parcel 72. Upset price, \$8.

Parcel 76—Fence on the northeast corner of Pleasant avenue and East 216th street. Upset price, \$6.

Parcel 77—Fence and part of steps north of and adjoining Parcel 76. Upset price, \$4.

Parcel 78—Fence and part of steps north of and adjoining Parcel 77. Upset price, \$5.

Parcel 79—Fence and part of steps north of and adjoining Parcel 78. Upset price, \$4.

Parcel 81—Fence 50 feet north of Parcel 79. Upset price, \$10.

Parcel 82—Fence north of and adjoining Parcel 81. Upset price, \$7.

Parcel 83—Fence north of and adjoining Parcel 82. Upset price, \$7.

Parcel 84—Fence north of and adjoining Parcel 83. Upset price, \$2.

Parcel 85—Fence north of and adjoining Parcel 84. Upset price, \$2.

Parcel 86—Fence north of and adjoining Parcel 85. Upset price, \$2.

Parcel 88—Fence 50 feet north of Parcel 86. Upset price, \$3.

Parcel 89—Fence north of and adjoining Parcel 88. Upset price, \$3.

Parcel 90—Fence north of and adjoining Parcel 89. Upset price, \$3.

Parcel 91—Fence north of and adjoining Parcel 90. Upset price, \$8.

Parcel 92—Fence north of and adjoining Parcel 91. Upset price, \$3.

Parcel 93—Two-story frame house about 125 feet south of East 219th street. Upset price, \$350.

Parcel 94—Fence north of and adjoining Parcel 92. Upset price, \$2.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 26th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened December 26, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 16, 1911. d19,26

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF THE Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of The Bronx.
Being the buildings, parts of buildings, etc., standing within the lines of Bailey ave., from Sedgwick ave. to Albany road, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held December 13, 1911, the sale by sealed bids, at the upset or minimum price named in the description of each parcel, of the above buildings

and appurtenances thereto, will be held by direction of the Comptroller on

FRIDAY, JANUARY 5, 1912. at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 52. Two and one-half story frame house, 3027 Bailey ave. Upset price, \$200.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 5th day of January, 1912, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be enclosed in properly sealed envelopes, marked "Proposals to be opened January 5, 1912," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date, to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, December 15, 1911. d18,15

CORPORATION SALE BY SEALED BIDS OF THE LEASE OF CERTAIN REAL ESTATE AND APPURTENANCES THERETO.

UPON THE AUTHORIZATION OF THE Commissioners of the Sinking Fund, and pursuant to a resolution adopted by them at a meeting held November 22, 1911, the Comptroller of The City of New York will sell by sealed bids on

THURSDAY, DECEMBER 28, 1911, at 11 a. m., in Room K, 280 Broadway, Borough of Manhattan, the lease for a period of five years commencing January 1, 1912, of the premises belonging to the Corporation of The City of New York, situated on the northwesterly corner of Delancey and Attorney sts., plot 25 feet by 100 feet, with the improvements thereon, known as 178 Delance

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund at a meeting held December 13, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, JANUARY 4, 1912,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 1—Three story brick and frame building, known as No. 75 Park row.

Parcel 2—Three story brick building, known as 77, 79 and 81 Park row.

Parcel 3—Five story brick building, known as 83 and 85 Park row.

Parcel 4—Four story brick building, known as 87 and 89 Park row.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 4th day of January, 1912, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened January 4, 1912," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 14, 1911. d16,j4

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF THE Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

Being the buildings, parts of buildings, etc., standing within the lines of Parker street, from Westchester avenue to Castle Hill avenue, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

FRIDAY, DECEMBER 22, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 11—Fence and part of steps at northeast corner of Parker street and Castle Hill avenue. Upset price, \$3.

Parcel 19—Part of three story frame building on the north side of Parker street, about 190 feet east of Castle Hill avenue. Cut 4.5 feet on east and west side by 24.6 feet. Upset price, \$150.

Parcel 23—Fence 125 feet east of Parcel 19. Upset price, \$3.

Parcel 24—Fence and part of steps east of and adjoining Parcel 23. Upset price, \$3.

Parcel 25—Fence east of and adjoining Parcel 24. Upset price, \$3.

Parcel 26—Fence and part of steps east of and adjoining Parcel 25. Upset price, \$2.

Parcel 27—Fence and part of steps east of and adjoining Parcel 26. Upset price, \$5.

Parcel 28—Fence and part of steps east of and adjoining Parcel 27. Upset price, \$5.

Parcel 29—Part of store and steps on the northwest corner of Parker street and Stearns street. Cut store 4.1 feet on west side by 4 feet on east side by 12.9 feet. Upset price, \$25.

Parcel 34—Fence on the north side of Parker street, 75 feet east of Stearns street. Upset price, \$2.

Parcel 38—Part of three story frame building on the northwest corner of Parker street and St. Raymond's avenue. Cut 4.7 feet on west side by 5 feet on east side. Upset price, \$150.

Parcel 45—Part of steps of two story frame house on north side of Parker street, 20 feet west of Glebe avenue. Upset price, \$5.

Parcel 52—Fence on the south side of Parker street, about 150 feet east of Castle Hill avenue. Upset price, \$3.

Parcel 56—Fence 100 feet east of Parcel 52. Upset price, \$3.

Parcel 57—Fence east of and adjoining Parcel 56. Upset price, \$3.

Parcel 58—Fence east of and adjoining Parcel 57. Upset price, \$3.

Parcel 59—Fence east of and adjoining Parcel 58. Upset price, \$3.

Parcel 60—Fence east of and adjoining Parcel 59. Upset price, \$5.

Parcel 61—Fence and part of steps east of and adjoining Parcel 60. Upset price, \$3.

Parcel 62—Fence on the southwest corner of Parker street and Stearns street. Upset price, \$3.

Parcel 65—Fence 25 feet east of Stearns street. Upset price, \$3.

Parcel 66—Fence and part of steps east of and adjoining Parcel 65. Upset price, \$10.

Parcel 69—Part of three story stucco and brick house. Cut 5.2 feet on west side by 4.8 feet on east side by 18.3 feet. Upset price, \$100.

Parcel 70—Part of three story frame flat adjoining Parcel 69. Cut 4.8 feet on east and west sides by 24.6 feet. Upset price, \$150.

Parcel 71—Fence and part of steps on the

southwest corner of Parker street and St. Raymond's avenue. Upset price, \$3.

Parcel 74—Fence 50 feet east of St. Raymond's avenue. Upset price, \$5.

Parcel 75—Iron fence and part of steps east of and adjoining Parcel 74. Upset price, \$7.

Parcel 78—Steps on the southwest corner of Parker street and Glebe avenue. Upset price, \$10.

Parcel 84—Fence on the north side of Parker street, 175 feet east of Glebe avenue. Upset price, \$7.

Parcel 99—Fence on the northeast corner of Parker street and Lyon avenue. Upset price, \$12.

Parcel 100—Fence east of and adjoining Parcel 99. Upset price, \$3.

Parcel 103—Iron fence and part of steps 50 feet east of Parcel 100. Upset price, \$5.

Parcel 104—Iron fence and part of steps east of and adjoining Parcel 103. Upset price, \$5.

Parcel 105—Iron fence and part of steps east of and adjoining Parcel 104. Upset price, \$5.

Parcel 106—Iron fence and part of steps east of and adjoining Parcel 105. Upset price, \$5.

Parcel 107—Fence and part of steps east of and adjoining Parcel 106. Upset price, \$3.

Parcel 108—Iron fence and part of steps east of and adjoining Parcel 107. Upset price, \$5.

Parcel 109—Iron fence and part of steps east of and adjoining Parcel 108. Upset price, \$5.

Parcel 115—Iron fence and part of steps on the south side of Parker street, 100 feet east of Lyon avenue. Upset price, \$6.

Parcel 116—Iron fence and part of steps east of and adjoining Parcel 115. Upset price, \$6.

Parcel 118—Fence 25 feet east of Parcel 116. Upset price, \$3.

Parcel 119—Iron fence and part of steps east of and adjoining Parcel 118. Upset price, \$5.

Parcel 120—Concrete wall and part of steps east of and adjoining Parcel 119. Upset price, \$7.

Parcel 121—Concrete wall and part of steps east of and adjoining Parcel 120. Upset price, \$7.

Parcel 122—Fence and part of steps east of and adjoining Parcel 121. Upset price, \$3.

Parcel 123—Fence and part of steps east of and adjoining Parcel 122. Upset price, \$3.

Parcel 124—Iron fence and part of steps east of and adjoining Parcel 123. Upset price, \$6.

Parcel 126—Iron fence and part of steps 25 feet east of Parcel 124. Upset price, \$7.

Parcel 127—Part of one story brick building on the southwest corner of Parker street and Westchester avenue. Cut 4.8 feet on east and west sides by 68.54 feet. Upset price, \$100.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 22d day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 22, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, December 2, 1911. d6,22

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF THE Borough of Queens, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Queens,

Being all the buildings, parts of buildings, etc., standing within the lines of Borden avenue, from Greenpoint avenue to Bradley avenue, in the First Ward of the Borough of Queens, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

THURSDAY, DECEMBER 21, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 6—One story frame building, 79 Gale street. Upset price, \$20.

Parcel 7—One and one-half story frame building, 77 Gale street. Upset price, \$5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 21st day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 20, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d4,20

NOTICES TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF QUEENS:

\$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 21, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d5,21

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF THE Borough of The Bronx, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of The Bronx,

Being the buildings, parts of buildings, etc., standing within the lines of Gun Hill road, from Webster avenue to Elliott avenue, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held November 22, 1911, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above building and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, DECEMBER 20, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel 3—Part of three story frame building and extension on the north side of Gun Hill road, about 175 feet east of the New York and Harlem Railroad tracks. Cut 8.9 feet on west side by 9.6 feet on east side by 34.4 feet. Also part of two and one-half story frame building, about 75 feet east of the first named. Cut 10.2 feet on west side by 10.1 feet on east side by 22.3 feet. Upset price, \$100.

Parcel 5—Part of one story frame building and steps on north side of Gun Hill road, about 75 feet west of the Bronx River. Cut 10.2 feet on west side by 9.7 feet on east side by 12 feet. Upset price, \$10.

Parcel 12—Part of one story frame saloon on the southeast corner of Gun Hill road and Station place. Cut 4 feet on west side by 9.5 feet on east side by 33 feet. Upset price, \$100.

Parcel 15—Part of two story frame building on the southwest corner of Gun Hill road and Bronx boulevard. Cut 8.8 feet on west side by 8.7 feet on east side by 20.5 feet. Upset price, \$100.

Parcel 18—Part of three story frame building on the south side of Gun Hill road, about 100 feet east of Bronx boulevard. Cut 10.1 feet on east and west sides by 25.2 feet. Upset price, \$100.

Sealed Bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 20th day of December, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened December 20, 1911," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's office, November 28, 1911. d4,20

NOTICES TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

FOURTH AND FIFTH WARDS, SECTION 1; AND ELEVENTH WARD, SECTION 7.

FLATBUSH AVENUE—REGULATING AND GRADING, from Nassau st. to Fulton sts., and to the extent of half the block at the intersecting streets.

TWENTY-SECOND WARD, SECTION 4.

HOWARD PLACE—REGULATING GRADING AND CURBING, between Windsor place and Prospect ave. Area of assessment: Both sides of Howard place, from Windsor place to Prospect ave., and to the extent of half the block at the intersecting streets.

TWENTY-FOURTH WARD, SECTION 5.

MONTGOMERY STREET—REGULATING AND GRADING, between Bedford and Rogers aves. Area of assessment: Both sides of Montgomery st., between Bedford and Rogers aves., and to the extent of half the block at the intersecting streets.

TWENTY-SIXTH WARD, SECTION 13.

LINCOLN AVENUE—REGULATING AND GRADING, from Fulton st. to Ridgewood ave. Area of assessment: Both sides of Lincoln ave., from Ridgewood ave. to Fulton st., and to the extent of half the block at the intersecting streets.

DUMONT AND VAN SICKLEN AVENUES—SEWER BASIN at the northeast corner. Area of assessment affects Block 4058.

TWENTY-NINTH WARD, SECTION 16.

EAST SECOND STREET—PAVING, from Ditmas avenue to a point 160 feet, more or less, north of Avenue F. Area of assessment: Both

FIRST WARD.

ELEVENTH AVENUE—REGULATING, GRADING AND CURBING, from Broadway to Graham ave. Area of assessment: Both sides of 11th ave., from Broadway to Graham ave., and to the extent of half the block at the intersecting avenues.

THIRD WARD.

COLLEGE POINT CAUSEWAY—REGULATING AND GRADING, from a point 200 feet north of Myrtle ave. to a point 3,400 feet north of Myrtle ave., and constructing a BRIDGE OR CULVERT at Mill Creek. Area of assessment affects Blocks 53 to 60, 176, 180 to 183.

The above-entitled assessments were confirmed by the Board of Assessors on December 12, 1911, and entered December 12, 1911, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of said Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the

sides of East 2d st., from Ditmas ave. to Avenue F, and to the extent of half the block at the intersecting avenues.

EAST TWENTY-SIXTH STREET—PAVING. between Newkirk and Foster aves. Area of assessment: Both sides of East 26th st., from Newkirk to Foster aves., and to the extent of half the block at the intersecting avenues.

DITMAS AVENUE—CURBING AND FLAGGING. north side of Ditmas ave., from Coney Island ave. and East 9th st. Area of assessment: North side of Ditmas ave., from Coney Island ave. to East 9th st.

THIRTIETH WARD, SECTION 18.
GELSTON AVENUE—SEWER. between 86th and 88th sts. Area of assessment affects Blocks Nos. 6051 and 6052.

THIRTY-FIRST WARD, SECTION 20.
AVENUE H—SEWER BASINS at the southeast and southwest corners of East 13th st., and at the southeast corner of East 14th st. Area of assessment affects Blocks Nos. 6696, 6697 and 6698.

—that the same were confirmed by the Board of Assessors on December 12, 1911, and entered December 12, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by Section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. to 12 m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 10, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 12, 1911. d15,27

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF RICHMOND:

FIRST WARD.
ELEVENTH STREET—CONSTRUCTING A TEMPORARY SANITARY SEWER. from York ave. to a point about 280 feet westerly therefrom. Area of assessment affects Blocks Nos. 2 and 3.

DE KAY STREET—CONSTRUCTING SANITARY SEWER. between Davis ave. and Bard ave. Area of assessment affects Blocks 11, 12, 13 and 14.

FIRST AND THIRD WARDS.
REGULATING AND GRADING A NEW STREET. which is the extension of CASTLETON AVENUE, from Columbia st. to Jewett ave.; also building a bridge, etc., across PALMERS RUN. Area of assessment is bounded by Taylor st., Post ave., Richmond ave., Vreeland st., Cottage place, New st. and Cedar st. up to Taylor st.

FOURTH WARD.
HOPE AVENUE—CONSTRUCTING A TEMPORARY COMBINED SEWER. from New York ave. to the Staten Island Rapid Transit Railroad tracks. Sewerage District No. 6-D. Area of assessment affects Plot 7.

—the above entitled assessments were confirmed by the Board of Assessors on December 5, 1911, and entered December 5, 1911, in the Record of Titles and Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 8, 1911. d12,22

Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 8, 1911. d12,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF QUEENS:

FIRST WARD.
WOOLSEY AVENUE—REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND CROSSWALKS. from 10th ave. to Park place. Area of assessment: Both sides of Woolsey ave., from 10th ave. to Park place, and to the extent of half the block at the intersecting streets.

—the above entitled assessments were confirmed by the Board of Revision of Assessments on December 8, 1911, and entered December 8, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. to 12 m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 10, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 12, 1911. d15,27

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

TWENTY-SIXTH WARD, SECTION 13.
BLAKE AVENUE—PAVING AND CURBING. between Van Sicken ave. and Logan st. Area of assessment: Both sides of Blake ave., from Van Sicken ave. to Logan st., and to the extent of half the block at the intersecting streets.

THIRTIETH WARD, SECTION 19.
TWENTIETH AVENUE—REGULATING, GRADING, CURBING AND FLAGGING. between Bath and Croysey aves. Area of assessment: Both sides of 20th ave., from Bath to Croysey aves., and to the extent of half the block at the intersecting avenues.

—that the same were confirmed by the Board of Revision of Assessments on December 8, 1911, and entered December 8, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague streets, Borough of Brooklyn, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 8, 1911. d12,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

NINETEENTH WARD, SECTION 5.
SEVENTY-FIFTH STREET—ALTERATION AND IMPROVEMENT TO SEWER. between Park and 5th aves. Area of assessment: Affects Blocks Nos. 1389 and 1390.

TWELFTH WARD, SECTION 8.
WEST TWO HUNDRED AND SIXTEENTH STREET—PAVING, CURBING AND RECURRING. from Broadway to a point 432 feet east of 9th ave. Area of assessment: Both sides of 216th st., from Broadway to a point 432 feet east of 9th ave., and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on December 5, 1911, and entered December 5, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 5, 1911. d12,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 9 AND 11.
SEWERS IN EAST ONE HUNDRED AND SIXTY-SIXTH STREET. between Morris ave. and Carroll place; in McCLELLAN STREET, between Sheridan ave. and Carroll place; and EAST ONE HUNDRED AND SIXTY-SEVENTH STREET, between Morris and Sheridan aves.; in EAST ONE HUNDRED AND SIXTY-NINTH STREET, between Morris ave. and the Concourse; in GRANT AVENUE, between East 165th st. and 170th st., and SHERMAN AVENUE and SHERIDAN AVENUE, between 165th and 168th sts. Area of assessment affects Blocks Nos. 2448, 2449, 2450, 2451, 2452, 2453, 2456, 2457, 2462, 2816, 2830 and 2831.

TWENTY-FOURTH WARD, ANNEXED TERRITORY.
WYATT STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES. from Devoe or Tremont ave. to Morris Park ave., Neill estate. Area of assessment: Both sides of Wyatt st., from Devoe st. to Morris Park ave., and to the extent of half the block at the intersecting streets.

TWENTY-THIRD AND TWENTY-FOURTH WARDS, SECTIONS 10 AND 11.
OUTLET SEWERS IN TRUXTON STREET. between the East River and Leggett ave.; in LEGGETT AVENUE, between Truxton st. and Dawson st., at its intersection with East 156th st.; in EAST ONE HUNDRED AND FIFTY-SIXTH STREET, between Dawson st., at its intersection with Leggett ave. and Tinton ave.; in WHITLOCK AVENUE, between Leggett ave. and Longwood ave.; in LONGWOOD AVENUE, between Whitlock ave. and the Southern boulevard. Area of assessment affects the property bounded by East River, Ryawa ave., Faile st., Hunts Point ave., Hoe ave., Vyse ave., Bryant ave., 174th st., Crotona Park East, Crotona Park North, Fulton ave., Boston road, Cauldwell ave., Robbins ave., St. Marys st., South Beach ave. to the East River.

—that the same were confirmed by the Board of Revision of Assessments December 8, 1911, and entered December 8, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

Said section provides, in part, that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. to 12 m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 10, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 8, 1911. d12,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

NINETEENTH WARD, SECTION 5.
SEVENTY-FIFTH STREET—ALTERATION AND IMPROVEMENT TO SEWER. between Park and 5th aves. Area of assessment: Affects Blocks Nos. 1389 and 1390.

TWELFTH WARD, SECTION 8.
WEST TWO HUNDRED AND SIXTEENTH STREET—PAVING, CURBING AND RECURRING. from Broadway to a point 432 feet east of 9th ave. Area of assessment: Both sides of 216th st., from Broadway to a point 432 feet east of 9th ave., and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on December 5, 1911, and entered December 5, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

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The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 5, 1911. d12,22

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

NINETEENTH WARD, SECTION 5.
SEVENTY-FIFTH STREET—ALTERATION AND IMPROVEMENT TO SEWER. between Park and 5th aves. Area of assessment: Affects Blocks Nos. 1389 and 1390.

TWELFTH WARD, SECTION 8.
WEST TWO HUNDRED AND SIXTEENTH STREET—PAVING, CURBING AND RECURRING. from Broadway to a point 432 feet east of 9th ave. Area of assessment: Both sides of 216th st., from Broadway to a point 432 feet east of 9th ave., and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on December 5, 1911, and entered December 5, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

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The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. to 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before February 6, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, December 5, 1911. d12,22

BOROUGH OF QUEENS.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3d FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF QUEENS at the above office until 11 o'clock a. m., on

FRIDAY, DECEMBER 22, 1911.

1. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 3D AVE., FROM JACKSON AVE. TO WEBSTER AVE., FIRST WARD.

The time allowed for doing and completing the above work will be forty (40) working days. The amount of security required will be Three Thousand Dollars (\$3,000).

The Engineer's estimate of the quantities is as follows:
100 linear feet of old concrete curb to reset, not to be bid for.
50 linear feet of cement curb, not to be bid for.
470 cubic yards of concrete.

2. FOR REGULATING, GRADING AND PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN ACADEMY ST., FROM N. JANE ST. TO WILBUR AVE., FIRST WARD.

The time allowed for doing and completing the above work will be twenty (20) working days. The amount of security required will be One Thousand Five Hundred Dollars (\$1,500).

The Engineer's estimate of the quantities is as follows:
300 linear feet of old curb, redressed and reset, not to be bid for.
210 cubic yards of concrete.

3. FOR REGULATING, CURBING AND PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN MONSON ST., FROM FULTON AVE. TO FRANKLIN ST., FIRST WARD.

The time allowed for doing and completing the above work will be forty (40) working days. The amount of security required will be Two Thousand Dollars (\$2,000).

The Engineer's estimate of the quantities is as follows:
50 cubic yards of rock excavation, not to be bid for.
1,000 linear feet of new bluestone curb.

4. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN CRESCENT ST., FROM FLUSHING AVE. TO HOYT AVE., FIRST WARD.

The time allowed for doing and completing the above work will be thirty (30) working days. The amount of security required will be One Thousand Nine Hundred Dollars (\$1,900).

The Engineer's estimate of the quantities is as follows:
25 linear feet of new bluestone curb, not to be bid for.
300 linear feet of old curb redressed and reset, not to be bid for.

5. FOR REGULATING, GRADING, CURBING, REBUILDING RECEIVING BASINS AND LAYING CROSSWALKS ON HANCOCK ST., FROM WEBSTER AVE. NORTHERLY TO VERNON AVE., FIRST WARD.

The time allowed for doing and completing the above work will be seventy-five (75) working days. The amount of security required will be Six Thousand Two Hundred Dollars (\$6,200).

The Engineer's estimate of the quantities is as follows:
5,200 cubic yards of earth excavation.
500 cubic yards of rock excavation.
1,600 cubic yards of embankment (in excess of excavation).

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN DE KALB AVE., FROM ONDERDONK AVE. TO WOODWARD AVE., SECOND WARD.

The time allowed for doing and completing the above work will be forty (40) working days. The amount of security required will be Six Hundred Dollars (\$600).

The Engineer's estimate of the quantities is as follows:
2,200 cubic yards of earth excavation.
460 linear feet of cement curb, with one year's maintenance.

7. FOR REGULATING AND GRADING UNIVERSITY PLACE, FROM OCEAN AVE. TO UNION AVE., LAW AVE., FROM UNIVERSITY PLACE TO GRAFTON AVE., AND OCEAN AVE. FROM UNIVERSITY PLACE TO GRAFTON AVE., AT OZONE PARK, FOURTH WARD.

The time allowed for doing and completing the above work will be twenty (20) working days. The amount of security required will be Three Hundred Dollars (\$300).

The Engineer's estimate of the quantities is as follows:
1,500 cubic yards of earth excavation.

8. FOR REGULATING AND GRADING HARMAN ST., FROM GRANDVIEW AVE. TO FOREST AVE., AND HIMROD ST., FROM GRANDVIEW AVE. TO METROPOLITAN AVE., SECOND WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days. The amount of security required will be Seven Thousand Dollars (\$7,000).

The Engineer's estimate of the quantities is as follows:
42,100 cubic yards of earth excavation.

9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS IN STARR ST., FROM WOODWARD AVE. TO THE BROOKLYN BOROUGH LINE, SECOND WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days. The amount of security required will be Five Thousand Dollars (\$5,000).

The Engineer's estimate of the quantities is as follows:
22,000 cubic yards of earth excavation.

1,720 linear feet of cement curb, with one year's maintenance.
400 square feet of old flagstone sidewalk, retrimmed and relaid.
8,030 square feet of cement sidewalk, with one year's maintenance.

10. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN CLEVELAND AVE. FROM THOMSON AVE. TO GREENPOINT AVE., SECOND WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.
The amount of security required will be Two Thousand Five Hundred Dollars (\$2,500).

The Engineer's estimate of the quantities is as follows:

10,000 cubic yards of earth excavation.
1,850 linear feet of new bluestone curb.
8,850 square feet of cement sidewalk, with one year's maintenance.

11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 1ST ST. (GRANT AVE.), FROM THOMSON AVE. TO GREENPOINT AVE., SECOND WARD.

The time allowed for doing and completing the above work will be forty (40) working days.
The amount of security required will be Two Thousand Dollars (\$2,000).

The Engineer's estimate of the quantities is as follows:

8,000 cubic yards of earth excavation.
1,650 linear feet of new bluestone curb.
7,700 square feet of cement sidewalk, with one year's maintenance.

12. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS IN CYPRESS AVE., FROM MYRTLE AVE. TO THE MANHATTAN BEACH DIVISION OF THE LONG ISLAND RAILROAD, SECOND WARD.

The time allowed for doing and completing the above work will be seventy-five (75) working days.
The amount of security required will be Three Thousand Five Hundred Dollars (\$3,500).

The Engineer's estimate of the quantities is as follows:

4,050 cubic yards of earth excavation.
5,080 linear feet of cement curb, with one year's maintenance.
24,200 square feet of cement sidewalk, with one year's maintenance.

13. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID) ON THE SOUTH SIDE OF FULTON ST., FROM FRANKLIN ST. TO DORA AVE., AND ON THE WEST SIDE OF DORA AVE., FROM FULTON ST. TO A POINT 120 FEET SOUTH, ON THE NORTH SIDE OF GROVE ST., FROM RAY ST. TO THE QUEENS COUNTY TROLLEY LINE; ON THE EAST SIDE OF SMITH ST., FROM THE LONG ISLAND RAILROAD TO SOUTH ST., AND ON THE WEST SIDE OF SMITH ST., FROM THE LONG ISLAND RAILROAD TO PUNTING ST., ON THE WEST SIDE OF WASHINGTON ST., FROM THE SOUTH-WEST CORNER OF ATLANTIC ST. TO A POINT 125 FEET SOUTH THEREFROM, AND FOR LAYING CROSSWALKS ON BRENTON AVE. NEAR FULTON ST., AND ON FULTON ST. NEAR BRENTON AVE., ALL IN THE FOURTH WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be Seven Hundred Dollars (\$700).

The Engineer's estimate of the quantities is as follows:

1,657 linear feet of earth excavation.
7,425 square feet of cement sidewalk, with one year's maintenance.
540 square feet of new crosswalks.

14. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID) ON THE NORTH SIDE OF 9TH ST., FROM 8TH AVE. TO 9TH AVE.; ON THE NORTH SIDE OF 16TH ST., FROM 8TH AVE. TO 9TH AVE.; ON THE WEST SIDE OF 8TH AVE., FROM 16TH ST. TO THE LONG ISLAND RAILROAD BRIDGE; ON THE SOUTH SIDE OF 9TH ST., FROM 7TH AVE. TO 8TH AVE.; ON THE SOUTH SIDE OF 19TH ST., FROM 11TH AVE. TO BAYSIDE AVE., WHITESTONE; AND ON THE WEST SIDE OF PARSONS AVE., FROM QUEENS AVE. TO QUINCE ST.; AND ON THE WEST SIDE OF PARSONS AVE., FROM SANFORD AVE. TO CYPRESS ST., FLUSHING, ALL IN THE THIRD WARD, BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be One Thousand Dollars (\$1,000).

The Engineer's estimate of the quantities is as follows:

170 cubic yards of earth excavation.
7,425 square feet of cement sidewalk, with one year's maintenance.
540 square feet of new crosswalks.

15. FOR THE CONSTRUCTION OF A CONCRETE CULVERT AND BULKHEAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO, TO REPLACE THE PRESENT BRIDGE AT NORTONS CREEK, EDGEMERE, FIFTH WARD, BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be Sixty (60) working days.
The amount of security required will be Ten Thousand Dollars (\$10,000).

The Engineer's estimate of the quantities is as follows:

Removing old bridge, piles, sheeting and all other obstructions.
19,200 linear feet of timber piles.
62,700 feet, board measure, timber platform and sheeting.
1,000 cubic yards of concrete in culvert and bulkhead.

14 cubic yards of concrete in fence.
3,700 pounds of steel in culvert.
16,000 cubic yards of earth fill, to be furnished.

1,100 square yards of macadam pavement.

16. FOR LAYING SIDEWALKS (WHERE NOT ALREADY LAID), TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN BAYVIEW AVE., NORTH SIDE, FROM FOREST AVENUE TO THE STRAND; IN BRANDRETH AVE., FROM BOULEVARD TO THE OCEAN; IN BROADWAY, NORTH SIDE, FROM McNEIL AVE. TO OAK ST.; IN BROADWAY, SOUTH SIDE, FROM McNEIL AVE. TO NEW BROADWAY; IN BROADWAY, EAST SIDE, FROM CORNAG AVE. TO NORTON AVE.; IN BROADWAY, WEST SIDE, FROM CLARK ST. TO NORTON AVE.; IN CENTRAL AVE., SOUTH SIDE, FROM McNEIL AVE. TO SENECA ST.; IN CLEVELAND AVE., EAST SIDE, FROM CENTRAL AVE. TO STATE ST.; IN FOREST AVE., FROM CORNAG AVE. TO BAYVIEW AVE.; IN GREENWOOD AVE., NORTH SIDE, FROM BROADWAY TO LOCKWOOD AVE.; IN GREENWOOD AVE., SOUTH SIDE, FROM BROADWAY TO LOCKWOOD AVE.; IN GROVE ST., WEST SIDE, FROM MOTT AVE. TO CLARK ST.; IN MOTT AVE., SOUTH SIDE, FROM KENSINGTON GARDENS TO BAY ST.; IN MOTT AVE., NORTH SIDE, FROM UNION ST. TO KENSINGTON

GARDENS; IN MOTT AVE., SOUTH SIDE, FROM FRANKLIN AVE. TO KENSINGTON GARDENS; IN NOSTRAND AVE., EAST SIDE, FROM CENTRAL AVE. TO STATE ST.; IN NEILSON AVE., WEST SIDE, FROM STATE ST. TO BROADWAY; IN ROANOKE AVE., WEST SIDE, FROM CENTRAL AVE. TO STATE ST.; IN SENECA ST., WEST SIDE, FROM CENTRAL AVE. TO STATE ST.; IN S. DIVISION AVE., EAST SIDE, FROM BOULEVARD TO OCEAN AVE.; IN STATE ST., SOUTH SIDE, FROM SENECA ST. TO CLEVELAND AVE., FIFTH WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.
The amount of security required will be Three Thousand Five Hundred Dollars (\$3,500).

The Engineer's estimate of the quantities is as follows:

1,017 cubic yards of embankment.
375 square feet of new flagstone sidewalk.
39,930 square feet of cement sidewalk, with one year's maintenance.

The bidder must state the price of each item or article contained in the specifications or schedule herein contained, or hereafter annexed, per square yard, linear foot, or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained, and the plans or drawings may be seen, at the office of the President of the Borough of Queens.

Dated Long Island City, New York, December 11, 1911.

MAURICE E. CONNOLLY, President.

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See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF THE BOROUGH OF QUEENS AT THE ABOVE OFFICE UNTIL 11 A. M., ON

WEDNESDAY, DECEMBER 20, 1911,

1. TO CONSTRUCT SEWER AND APPURTENANCES IN VAN ALST AVE., FROM DITMARS AVE. TO HOYT AVE., FIRST WARD.

The Engineer's estimate of the quantities is as follows:

5,334 linear feet 12-inch vitrified salt glazed pipe sewer.
540 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
38 manholes, complete.
30 cubic yards rock, excavated and removed.
5,000 feet B. M., timber, bracing and sheet piling.

The time allowed for completing the above work will be ninety (90) working days.

The amount of security required will be Five Thousand Dollars (\$5,000).

2. TO CONSTRUCT SEWER AND APPURTENANCES IN WOODWARD AVENUE, FROM TROUTMAN ST. TO STANHOPE ST.; AND IN STARR STREET, FROM WOODWARD AVE. TO ONDERDONK AVE., SECOND WARD.

The Engineer's estimate of the quantities is as follows:

1,657 linear feet 12-inch vitrified salt glazed pipe sewer.
518 linear feet 15-inch vitrified salt glazed pipe sewer.
90 linear feet 12-inch vitrified salt glazed culvert pipe.
20 linear feet 10-inch vitrified salt glazed culvert pipe.

1,400 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
1 drop manhole, complete.
16 manholes, complete.
5 receiving basins, complete.
1 double receiving basin, complete.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Three Thousand Dollars (\$3,000).

3. TO CONSTRUCT SEWER AND APPURTENANCES IN TROUTMAN STREET, FROM THE BROOKLYN BOROUGH LINE TO METROPOLITAN AVE.; AND IN METROPOLITAN AVENUE, FROM TROUTMAN ST. TO STARR ST., SECOND WARD.

The Engineer's estimate of the quantities is as follows:

335 linear feet 3-foot concrete sewer.
1,458 linear feet 5-foot 6-inch reinforced concrete sewer.
60 linear feet 12-inch vitrified salt glazed culvert pipe.
20 linear feet 10-inch vitrified salt glazed culvert pipe.

600 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
9 manholes, complete.
2 receiving basins, complete.
1 double receiving basin, complete.
1 cleaning shaft.
1 junction chamber complete.

25,000 feet, B. M., timber for foundation.
25,000 feet, B. M., timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Nine Thousand Dollars (\$9,000).

4. TO CONSTRUCT SEWER AND APPURTENANCES IN FLUSHING AVENUE, FROM METROPOLITAN AVE. TO CASPIAN (ATLANTIC) ST., SECOND WARD.

The Engineer's estimate of the quantities is as follows:

275 linear feet 2-foot 6-inch concrete sewer.
250 linear feet 3-foot concrete sewer.
253 linear feet 3-foot 6-inch concrete sewer.
850 linear feet 4-foot concrete sewer.
1,500 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.

12 manholes, complete.
5 cubic yards concrete, in place, not shown on plan.

5,000 feet, B. M., timber for foundation.
50,000 feet, B. M., timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Six Thousand Dollars (\$6,000).

5. TO CONSTRUCT SEWER AND APPURTENANCES IN HOWLAND STREET, FROM HOYT AVE. TO WOOLSEY AVE., FIRST WARD.

The Engineer's estimate of the quantities is as follows:

935 linear feet 12-inch vitrified salt glazed pipe sewer.
200 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
6 manholes, complete.
500 pounds steel for reinforcement.
80 cubic yards concrete in place.
5,000 feet, B. M., timber for foundation.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be Fifteen Hundred Dollars (\$1,500).

6. TO CONSTRUCT RECEIVING BASINS AND APPURTENANCES ON WEBSTER AVENUE, ON THE NORTHWEST CORNER OF HANCOCK ST., ON THE NORTHEAST CORNER OF VAN ALST AVE., ON THE SOUTHWEST CORNER OF VAN ALST AVE., ON THE SOUTHWEST CORNER OF SUNS WICK ST., AND ON THE SOUTHEAST CORNER OF ELY AVE., FIRST WARD.

150 linear feet 12-inch vitrified salt glazed culvert pipe.

12 receiving basins, complete.
73 cubic yards rock excavation and removed.
20 cubic yards concrete in place.
2,000 feet, B. M., timber for foundation.

The time allowed for completing the above work will be twenty (20) working days.

The amount of security required will be One Thousand Dollars (\$1,000).

7. FOR CONSTRUCTING RECEIVING BASINS AND APPURTENANCES ON GRAHAM AVENUE AS FOLLOWS: ON THE NORTHERLY AND EASTERLY CORNERS OF 4TH AVE., THE WESTERLY CORNER OF 5TH AVE., AND THE WESTERLY AND SOUTHERLY CORNERS OF 7TH AVE., FIRST WARD.

The Engineer's estimate of the quantities is as follows:

100 linear feet 12-inch vitrified salt glazed culvert pipe.
5 receiving basins, complete.
The time allowed for completing the above work will be fifteen (15) working days.

The amount of security required will be Four Hundred Dollars (\$400).

8. FOR CONSTRUCTING RECEIVING BASINS AND APPURTENANCES ON THE NORTHERLY AND EASTERLY CORNERS OF 15TH AVE. AND GRAHAM AVE., FIRST WARD.

50 linear feet 12-inch vitrified salt glazed culvert pipe.

2 receiving basins, complete.
The time allowed for completing the above work will be ten (10) working days.

The amount of security required will be One Hundred and Fifty Dollars (\$150).

The bidder must state the price of each item or article contained in the specifications or schedule herein contained, or hereafter annexed, per square yard, per linear foot, or other unit of measure by which the bids will be tested. The extension must be made and footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, December 9, 1911.

MAURICE E. CONNOLLY, President of the Borough of Queens.

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See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF ASSESSORS.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Manhattan.

2128. Extension to outlet sewer at the foot of 120th st. and Harlem River.

Affecting Block Nos. 1768, 1769, 1784 to 1786, 1795 to 1798, 1806 to 1809, 1816 and 1817.

2133. Paving, curbing and regrounding 168th st., between Broadway and Fort Washington ave., and furnishing and setting necessary manholes.

Borough of The Bronx.

2004. Regulating, grading, curbing, flagging, etc., Edenwald ave. (Jefferson ave.), between E. 233d st. and the boundary line between The City of New York and Mount Vernon.

The area of assessment in the above two lists extends to within half the block at the intersecting streets.

Borough of Brooklyn.

1923. Regulating, grading, curbing and flagging 96th st., between 4th and Marine aves., together with a list of awards for damages caused by a change of grade.

1931. Regulating, grading, curbing and flagging East 28th st., between Foster and Flatbush aves., together with a list of awards for damages caused by a change of grade.

2058. Paving Caton ave., between Coney Island ave. and Marlborough road (East 15th st.).

2069. Regulating, grading, curbing and flagging W. 5th st., between Surf ave. and a point 540 feet southerly.

2071. Regulating, grading, curbing and flagging Willoughby ave., from Wyckoff ave. to St. Nicholas ave.

2084. Paving and curbing Essex st., from Pitkin ave. to New Lots road.

2088. Regulating, grading, curbing and flagging 45th st., between New Utrecht ave. and West st.

2089. Paving Lincoln ave., between Fulton st. and Ridgewood ave.

2090. Paving Shepherd ave., between Liberty and Glenmore aves. and between Pitkin ave. and New Lots road.

2094. Regulating and grading Union st., between Rogers and Nostrand aves.

2097. Paving Blake ave., between Grafton st. and Howard ave.

2098. Paving 81st st., between 4th and 5th aves.

2099. Regulating, grading, curbing and flagging 80th st., between 12th and 13th aves.

2100. Paving 87th st., between 3d and 4th aves.

2102. Regulating, grading, paving and curbing Germania place, between Flatbush ave. and Kenilworth place.

2103. Paving Gravesend ave., between Avenue C and Foster ave.

2108. Paving Powell st., between Dumont and Livonia aves.

2113. Regulating, grading, curbing and flagging 77th st., between 1st ave. and Shore road.

2114. Regulating, grading, curbing and flagging 12th ave., between 65th st. and Bay Ridge ave.

2116. Paving Willoughby ave., between Wyckoff and St. Nicholas aves.

The area of assessment in the above lists extends to within half the block at the intersecting streets.

2104. Grading lots on the southeast side of Hart st. and the northwest side of DeKalb ave., between Irving and Wyckoff aves.

Affecting lot 27, Block 3237.

2031. Sewer in Avenue I, between E. 5th st. and Ocean parkway; in Ocean parkway, west side, between Avenue I and Bay parkway; in Bay parkway, northwest side, between Ocean parkway and Avenue J; and in Bay parkway, between Avenue J and Gravesend ave.

Affecting Block Nos. 5495, 5499 to 6508, 6514 to 6518, 6524 to 6526.

2032. Sewers in 86th st., both sides, from Fort Hamilton ave. to 7th ave.; south side from 14th ave. to 15th ave.; north side from 18th ave. to the summit about 500 feet west of 19th ave.; north side reconnecting across 19th ave.; south side between 18th and 21st aves.; sewer basins in 86th st. at the north, east and west corners of 14th ave.; south corner of 15th ave.; south and west corners of Bay 10th st.; west corner of Bay 11th st.; north and east corners of 19th ave.; north corner of 20th ave.; north side of 86th st., opposite Bay 7th st.; opposite Bay 8th st., Bay 10th st., Bay 19th st. and Bay 22d st.; also sewers in Gating place, between 86th and 92d sts.; in Dahlgren place, between 86th and 88th sts.; and in Battery ave., between 86th and 88th sts.

Affecting block numbers 6037, 6053 to 6056, 6069, 6070, 6090 and 6091, 6339 to 6341, 6344, 6345, 6356 to 6361, 6369 to 6377.

2124. Sewer in 69th st. (Bay Ridge ave.), between New Utrecht and 16th aves.

Affecting Block Nos. 5574 and 6158.

All persons whose interest are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before January 16, 1912, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, December 16, 1911.

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PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of The Bronx.

1982. Regulating, grading, curbing, flagging, etc., the triangle lying between Lafontaine ave. and Quarry road, north of the south line of Oak Tree place.

The area of assessment extends to within one-half the block at the intersecting streets.

2075. Sewers in E. 174th st., between Boston and West Farms roads, and in Hoe ave., between E. 173d st. and E. 174th st.

Borough of Brooklyn.

2017. Sewers in 59th st., between 11th and 13th aves.; and in 13th ave., between 59th and 60th sts.

Affecting block numbers 5703 to 5705 and 5710 to 5712.

2019. Sewer in Gravesend ave., from Avenue C to Foster ave., except that portion already built in Gravesend ave., west side, from Webster ave. northerly about 114 feet; outlet sewer in Avenue D (Cortelyou road), from Gravesend ave. to E. 2d st.; in Ditmars ave. and in Avenue F, from Gravesend ave. to E. 2d st.

Affecting block numbers 5344 to 5353 inclusive; 5363 to 5370 inclusive; 5381 to 5385 inclusive; 5394, 5395, 5407, 5408, 5415, 5419, 5422, 5426, 5439 to 5441 inclusive; 5452.

1913. Regulating, grading, curbing and flagging E. 32d st., from Farquhar road northerly to the line of the Water Works.

2020. Regulating, grading and paving 20th ave., between Bath and Cropsey aves.

2056. Regulating, grading, curbing and flagging Bay Ridge ave., between 15th and New Utrecht aves.

2057. Paving Bowne st., between Van Brunt and Richards sts.

2061. Paving Howard ave., between St. Johns place and Eastern parkway.

2062. Regulating, grading, curbing and flagging Junius st., between Belmont and Blake aves.

2065. Paving Shepherd ave., between Glenmore and Pitkin aves.

2063. Paving Milford st., between Glenmore and Pitkin aves.

2092. Regulating and grading 76th st., between 1st and 2d aves.; curbing and flagging between 1st and 2d aves., omitting that portion between a point 100 feet east of 1st ave. and a point 180 feet east of 1st ave.

2093. Regulating, grading, curbing and flagging 12th ave., between 79th and 82d sts.

2101. Regulating, grading, curbing and flagging 15th ave., between 60th and 64th sts., omitting the portion occupied by the bridge over the Long Island Railroad tracks.

2105. Regulating, grading, curbing and flagging Hubbard place, between Flatbush ave. and E. 40th st.

2111. Regulating, grading, curbing and flagging 70th st., between 15th and New Utrecht aves.

2115. Regulating, grading, curbing and flagging 12th ave., between 75th and 79th sts.

The area of assessment in the above-named lists extends to within one-half the block at the intersecting streets.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before January 9, 1912, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan.
ERNEST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHNELANDER WALDO, Board of Health.
 Dated December 20, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10 o'clock a. m., on **WEDNESDAY, JANUARY 3, 1912.**

FOR FURNISHING, SETTING AND SHARPENING HORSESHOES, AND FURNISHING AND SETTING PADS, REQUIRED BY THE HORSES OF THE DEPARTMENT OF HEALTH, CONTAINED IN ITS SEVERAL STABLES IN THE VARIOUS BOROUGHS OF THE CITY OF NEW YORK, DURING THE YEAR 1912.
 The time for the delivery of the supplies and the performance of the contract is during the year 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid.
 Bids will be compared and the contract awarded to the lowest bidder for each class complete.
 Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan.
ERNEST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHNELANDER WALDO, Board of Health.
 Dated December 20, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10 o'clock a. m., on **WEDNESDAY, JANUARY 3, 1912.**

FOR FURNISHING AND DELIVERING GUINEA PIGS AND RABBITS, AS REQUIRED TO THE RESEARCH LABORATORY, FOOT OF EAST 16TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK, DURING THE YEAR 1912.
 Contract will be awarded to the lowest bidder for the item or class as indicated by the specifications.

The time for the delivery of the supplies and the performance of the contract is during the year 1912.
 The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan.
ERNEST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHNELANDER WALDO, Board of Health.
 Dated December 20, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10 o'clock a. m., on **THURSDAY, JANUARY 4, 1912.**

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO FURNISH AND INSTALL PARTITIONS, TOGETHER WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, IN THE OFFICE BUILDING AT FLEET AND WILLOUGHBY STS., BOROUGH OF BROOKLYN, CITY OF NEW YORK.
 The time for the completion of the work and the full performance of the contract is forty (40) consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Blank forms and plans for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan, City of New York.
ERNEST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHNELANDER WALDO, Board of Health.
 Dated December 20, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, JANUARY 2, 1912.

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR UNDERGROUND CONDUIT SYSTEM, TRANSFORMER VAULT, ELECTRIC ELEVATOR AND OTHER WORK IN THE METROPOLITAN HOSPITAL DISTRICT.

2. FOR COMPLETE ELECTRIC WIRING AND FIXTURES FOR WARD 1 AND 2, MALE DORMITORY, FEMALE TUBERCULOSIS BUILDING AND SUN TENTS, SOLARIUM, PAVILIONS NOS. 1 TO 6, SUPERINTENDENT'S RESIDENCE, CARPENTER SHOP, COFFIN SHOP, STABLE, POWER HOUSE AND LAUNDRY BUILDING FOR METROPOLITAN HOSPITAL DISTRICT.

3. FOR COMPLETE ELECTRIC WIRING AND FIXTURES FOR NEW ROMAN CATHOLIC CHURCH, MALE INFIRMARY AND SUN TENTS, AND ELECTRIC MOTORS FOR LAUNDRY FOR METROPOLITAN HOSPITAL DISTRICT.

4. FOR FURNISHING LABOR FOR GROUND WIRE AND LABOR AND MATERIALS FOR GROUNDING SYSTEM, LIGHTNING ARRESTERS AND AUTOMATIC SWITCHES FOR METROPOLITAN HOSPITAL DISTRICT.

The time allowed for the completion of the work and full performance of the contract is one hundred (100) consecutive working days.

The security required will be Fifteen Thousand Dollars (\$15,000).

Bids will be compared and the contract awarded to the lowest bidder on each group of contracts as follows: Contract No. 1; Contracts Nos. 1 and 2; Contracts Nos. 1, 2 and 3; or Contracts Nos. 1, 2, 3 and 4.

Blank forms and further information may be obtained at the office of Frank Sutton, Consulting Engineer, 80 Broadway, The City of New York, where plans and specifications may be seen.
MICHAEL J. DRUMMOND, Commissioner.
 Dated December 18, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

FRIDAY, DECEMBER 29, 1911.

FOR FURNISHING AND DELIVERING ANTHRACITE COAL.
 The quantities are as follows:
 400 tons gas coal.

Boroughs of Brooklyn and Queens.
 6,000 tons pea coal.
 700 tons stove coal.
 The time for the performance of the contract is during the months of January, February, March and April, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price per gross ton, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 The City of New York, December 16, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

FRIDAY, DECEMBER 29, 1911.

FOR FURNISHING ALL THE WORK, LABOR, SERVICES AND MATERIALS REQUIRED FOR THE EXTERMINATION OF RATS AND MICE, AND FOR THE EXTERMINATION OF ROACHES AND WATER BUGS.

The time for the performance of the contract is during the year 1912.
 The amount of security required is One Hundred and Fifty Dollars (\$150) on each line or item.

The bidder will state the price for each line or item, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 The City of New York, December 16, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, DECEMBER 26, 1911.

FOR FURNISHING AND DELIVERING SEVENTEEN (17) HORSES.
 The time for the performance of the contract is during the year 1912.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.
 The bidder will state the price per horse, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 The City of New York, December 13, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATE.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office, until 2.30 o'clock p. m., on

THURSDAY, DECEMBER 21, 1911.

FOR FURNISHING AND DELIVERING FIVE HUNDRED (500) TONS OF BITUMINOUS, FIVE HUNDRED (500) TONS OF RUCKWHEAT, AND ONE HUNDRED (100) TONS OF GAS COAL.

The time for the performance of the contract is during the balance of the year 1911.
 The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The bidder will state the price per gross ton, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 Dated December 9, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

WEDNESDAY, DECEMBER 20, 1911.

FOR FURNISHING AND DELIVERING BUTTER, EGGS, MILK, FISH, LEMONS, ORANGES, COCOA, SUGAR, BARLEY, SOAP, ICE, LAUNDRY SUPPLIES, FORAGE, CEMENT AND LAUNDRY MACHINERY.

The time for the performance of the contract is during the year 1911.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.
 The bidder will state the price per pound, quart or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 Dated December 9, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

WEDNESDAY, DECEMBER 20, 1911.

FOR FURNISHING AND DELIVERING MILK, CHICKEN, ICE AND VEGETABLES.
 The time for the performance of the contract is from January 1, 1912, to June 30, 1912, both dates inclusive.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.
 The bidder will state the price per pound, quart or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Department, foot of E. 26th st., Borough of Manhattan.
MICHAEL J. DRUMMOND, Commissioner.
 Dated December 7, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF BROOKLYN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the President, Borough of Brooklyn, at the above office until 11 o'clock a. m., on

WEDNESDAY, JANUARY 3, 1912.

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON JOHNSON ST., FROM E. 7TH ST. TO CONEY ISLAND AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

580 cubic yards excavation.
 20 cubic yards filling, not to be bid for.
 770 linear feet cement curb, 1 year maintenance.

3,730 square feet cement sidewalk, 1 year maintenance.
 The time allowed for the completion of the work and the full performance of the contract will be twenty-five (25) working days.

The amount of security required will be Four Hundred Dollars (\$400).

2. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF AVENUE N. FROM THE BRIGHTON BEACH RAILROAD TO OCEAN AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

5,090 square yards asphalt pavement, 5 years maintenance.
 720 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Three Thousand Dollars (\$3,000).

3. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON NEWELL ST., FROM MESEROLE AVE. TO GREENPOINT AVE., AND PAVING WITH GRADE 1 GRANITE PAVEMENT ON A CONCRETE FOUNDATION, FROM CALYER ST. TO GREENPOINT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

1,550 square yards grade 1 granite pavement with grouted joints, 1 year maintenance.
 260 cubic yards concrete.

1,660 linear feet new curbstone set in concrete.
 880 cubic yards excavation.

130 cubic yards filling, not to be bid for.
 8,370 square feet cement sidewalk, 1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be Three Thousand Dollars (\$3,000).

4. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF NEWELL ST., FROM MESEROLE AVE. TO CALYER ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

1,210 square yards asphalt pavement, 5 years maintenance.
 170 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Eight Hundred Dollars (\$800).

5. FOR REGULATING, CURBING AND LAYING SIDEWALKS ON OAKLAND PLACE, FROM TILDEN AVENUE TO ALBEMARLE ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

100 cubic yards excavation, not to be bid for.
 830 linear feet cement curb, 1 year maintenance.
 2,540 square feet cement sidewalk, 1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Three Hundred Dollars (\$300).

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON AVENUE S, FROM CONEY ISLAND AVE. TO OCEAN PARKWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

1,280 cubic yards excavation.
 580 cubic yards filling, not to be bid for.
 2,400 linear feet cement curb, 1 year maintenance.

10,770 square feet cement sidewalk, 1 year maintenance.
 The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be Twelve Hundred Dollars (\$1,200).

7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON SENATOR ST., FROM 4TH AVE. TO 5TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

1,510 linear feet new curbstone set in concrete.
 2,880 cubic yards excavation.

200 cubic yards filling, not to be bid for.
 7,060 square feet cement sidewalk, 1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be thirty-five (35) working days.

The amount of security required will be Twelve Hundred and Fifty Dollars (\$1,250).

8. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SHEPHERD AVE., FROM ATLANTIC AVE. TO LIBERTY AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

2,340 square yards asphalt pavement, 5 years maintenance.
 325 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Fourteen Hundred Dollars (\$1,400).

9. FOR REGULATING AND GRADING AVENUE V, FROM OCEAN AVE. TO CONEY ISLAND AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

2,280 cubic yards excavation.
 5,180 cubic yards filling, to be furnished.

The time allowed for the completion of the work and the full performance of the contract will be seventy-five (75) working days.

The amount of security required will be Seventeen Hundred Dollars (\$1,700).

10. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON WHITE ST., FROM COOK ST. TO MOORE ST., AND FROM SEIGEL ST. TO JOHNSON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

1,850 linear feet new curbstone set in concrete.
 5,970 cubic yards excavation.

80 cubic yards filling, not to be bid for.
 9,890 square feet cement sidewalk, 1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be fifty (50) working days.

The amount of security required will be Two Thousand Dollars (\$2,000).

11. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 43D ST., FROM NEW UTRICHT AVE. TO 13TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.
 The Engineer's estimate of the quantities is as follows:

6,120 square yards asphalt pavement, 5 years maintenance.
 855 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Thirty-Seven Hundred Dollars (\$3,700).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, cubic yard, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained at the office of the Bureau of Highways, the Borough of Brooklyn, Room 12, Municipal Building.
ALFRED E. STEERS, President.
 Dated December 15, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office until 11 o'clock a. m., on

WEDNESDAY, DECEMBER 20, 1911.

FOR FURNISHING AND DELIVERING ONE COMBINATION DRAWER AND PIGEON-HOLE CASE; THREE MAP TUBE CASES; ONE DRAWER CASE; TWO PIGEON-HOLE CASES WITH SWINGING DOORS; AND ONE ATLAS CASE WITH TWO DRAWERS. ALL TO BE INSTALLED IN THE OFFICE OF THE TOPOGRAPHICAL BUREAU, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the delivery of the materials and the completion of the work and the full performance of the contract will be sixty (60) calendar days.

The amount of security required will be One Thousand Dollars (\$1,000).

The bidder will state the price of each item or article contained in the specifications. The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Bureau of Public Buildings and Offices, Room 29, Municipal Building, Borough of Brooklyn.
ALFRED E. STEERS, Borough President.
 Dated December 5, 1911.
See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, DECEMBER 20, 1911.

1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN BEDFORD ST., FROM CLASSON AVE. TO BEDFORD AVE.,

AND TO RECONSTRUCT SEWER IN FRANKLIN AVE. FROM PRESIDENT ST. TO A POINT ABOUT 85 FEET SOUTH OF PRESIDENT ST.

The Engineer's preliminary estimate of the quantities is as follows:

75 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$6.70..... \$502 50

366 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$3.45..... 1,262 70

24 linear feet of 18-inch cast iron pipe and concrete casing, laid complete, including extra excavation and all incidentals and appurtenances; per linear foot \$5.10..... 122 40

608 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$2.16..... 1,216 00

683 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.60..... 1,092 80

2,415 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 90 cents..... 2,173 50

17 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$62..... 1,054 00

One (1) drop manhole complete, with iron head and cover, including all incidentals and appurtenances; per manhole \$150..... 150 00

2 sewer basins reconnected complete, including all incidentals and appurtenances; per reconnection \$10..... 20 00

6,000 feet, board measure, of sheet piling and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18..... 108 00

Total..... \$7,701 90

The time allowed for the completion of the work and full performance of the contract will be seventy-five (75) working days.

The amount of security required will be Three Thousand, Five Hundred Dollars (\$3,500).

2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN BAY RIDGE AVE., BETWEEN 10TH AND 12TH AVES.

The Engineer's preliminary estimate of the quantities is as follows:

43 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$2.16..... \$86 00

1,467 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.65..... 2,420 55

2,400 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 85 cents..... 2,040 00

15 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 750 00

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$130..... 130 00

Total..... \$5,426 55

The time allowed for the completion of the work and full performance of the contract will be seventy (70) working days.

The amount of security required will be Two Thousand Seven Hundred Dollars (\$2,700).

3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN BROOKLYN AVE., BETWEEN FARRAGUT ROAD AND GLENWOOD ROAD.

The Engineer's preliminary estimate of the quantities is as follows:

47 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$2.15..... \$101 05

737 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.70..... 1,252 90

670 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 85 cents..... 569 50

7 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 350 00

2 sewer basins complete, of either standard design, with iron pans or grating, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin \$140..... 280 00

Total..... \$2,553 45

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be Twelve Hundred Dollars (\$1,200).

4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS ON 14TH AVE., AT ALL FOUR CORNERS EACH OF 81ST, 82D, 83D, 84TH AND 85TH STS.

The Engineer's preliminary estimate of the quantities is as follows:

Twenty (20) sewer basins complete, of either standard design, with iron pans or grating, iron basin hoods, and connecting culverts, including all incidentals and appurtenances; per basin \$120..... \$2,400 00

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Twelve Hundred Dollars (\$1,200).

5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN BOTH SIDES OF LINDEN AVE., BETWEEN NEW YORK AVE. AND E. 34TH ST., AND OUTLET SEWER IN LINDEN AVE., SOUTH SIDE, BETWEEN E. 34TH AND E. 35TH STS.

The Engineer's preliminary estimate of the quantities is as follows:

32 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.85..... \$59 20

687 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.60..... 1,099 20

110 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 80 cents..... 88 00

9 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 450 00

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood, and connecting culvert, including all incidentals and appurtenances; per basin \$125..... 125 00

Total..... \$1,821 40

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be Nine Hundred Dollars (\$900).

6. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN OAKLAND PLACE, BETWEEN TILDEN AVE. AND BUTLER ST.

The Engineer's preliminary estimate of the quantities is as follows:

409 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.65..... \$674 85

286 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 80 cents..... 228 80

4 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 200 00

1 sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$150..... 150 00

1,300 feet, board measure, of sheet piling and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18..... 23 40

Total..... \$1,277 05

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Six Hundred Dollars (\$600).

7. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN RALEIGH PLACE, BETWEEN MARTESE AND CHURCH AVES.

The Engineer's preliminary estimate of the quantities is as follows:

310 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.80..... \$558 00

350 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 80 cents..... 280 00

3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 150 00

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$150..... 150 00

2,500 feet, board measure, of sheet piling and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, \$18..... 45 00

Total..... \$1,183 00

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Five Hundred Dollars (\$500).

8. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN E. 29TH ST., FROM THE SEWER SUMMIT ABOUT 300 FEET SOUTH OF AVENUE K TO AVENUE K.

The Engineer's preliminary estimate of the quantities is as follows:

43 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$2.16..... \$86 00

300 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot \$1.60..... 480 00

220 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot 80 cents..... 176 00

3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole \$50..... 150 00

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$135..... 135 00

Total..... \$1,027 00

The time allowed for the completion of the work and full performance of the contract will be twenty-five (25) working days.

The amount of security required will be Five Hundred Dollars (\$500).

9. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWER BASINS AT ALL FOUR CORNERS OF DUMONT AVE. AND WARWICK ST.

The Engineer's preliminary estimate of the quantities is as follows:

Four (4) sewer basins complete, of either standard design, with iron pans or grating, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin \$125..... \$500 00

The time allowed for the completion of the work and full performance of the contract will be twenty (20) working days.

The amount of security required will be Two Hundred and Fifty Dollars (\$250).

10. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE NORTHWEST CORNER OF UNION ST. AND NEW YORK AVE.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$155..... \$155 00

The time allowed for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be Eighty Dollars (\$80).

11. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE EAST CORNER OF BAY 29TH ST. AND CROPSY AVE.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$145..... \$145 00

The time allowed for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be Seventy-five Dollars (\$75).

12. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE NORTH CORNER OF BAY 28TH ST. AND CROPSY AVE.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$140..... \$140 00

The time allowed for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be Seventy-five Dollars (\$75).

STRUCTURING A SEWER BASIN AT THE NORTH CORNER OF BAY 28TH ST. AND CROPSY AVE.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin \$140..... \$140 00

The time allowed for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be Seventy Dollars (\$70).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent., or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage, as bid for this contract, shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE PRESIDENT OF BOROUGH OF BROOKLYN AT THE ABOVE OFFICE UNTIL 11 O'CLOCK A. M., ON

WEDNESDAY, DECEMBER 20, 1911,

1. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF CORTELYOU ROAD, FROM EAST 5TH ST. TO GRAVES-ROAD AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

4,705 square yards asphalt pavement, 5 year's maintenance..... \$2,700 00

655 cubic yards concrete..... 280 00

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Twenty-seven Hundred Dollars (\$2,700).

2. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF FULLER PLACE, FROM WINDSOR PLACE TO PROSPECT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

1,490 square yards asphalt pavement, 5 years maintenance..... 210 00

210 cubic yards concrete..... 90 00

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Nine Hundred Dollars (\$900).

3. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON GARDNER AVE., FROM FLUSHING AVE. TO JOHNSON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

930 linear feet new curbstone set in concrete..... 180 00

180 cubic yards earth excavation..... 90 00

50 cubic yards earth filling, to be furnished..... 25 00

4,330 square feet cement sidewalk, 1 year maintenance..... 433 00

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Six Hundred Dollars (\$600).

4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HAWTHORNE ST., FROM NEW YORK AVE. TO KINGSTON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

1,650 cubic yards earth excavation..... 825 00

1,610 cubic yards earth filling, not to be bid for..... 805 00

2,640 linear feet cement curb, 1 year maintenance..... 264 00

13,130 square feet cement sidewalk, 1 year maintenance..... 1,313 00

The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be Fourteen Hundred Dollars (\$1,400).

5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON MALL-BORE ST., FROM NOSTRAND AVE. TO NEW YORK AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

1,450 linear feet new curbstone set in concrete..... 290 00

90 cubic yards earth excavation..... 45 00

4,010 cubic yards earth filling, to be furnished..... 2005 00

7,110 square feet cement sidewalk, 1 year maintenance..... 711 00

The time allowed for the completion of the work and the full performance of the contract will be fifty (50) working days.

The amount of security required will be Fifteen Hundred Dollars (\$1,500).

6. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MARTESE ST. FROM NOSTRAND AVE. TO NEW YORK AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,865 square yards asphalt pavement, 5 years maintenance..... 1,432 50

400 cubic yards concrete..... 180 00

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Seventeen Hundred Dollars (\$1,700).

7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON AVENUE O, FROM EAST 15TH ST. TO OCEAN AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

100 cubic yards earth excavation..... 50 00

1,650 cubic yards earth filling, to be furnished..... 825 00

2,230 linear feet cement curb, 1 year maintenance..... 223 00

9,450 square feet cement sidewalk, 1 year maintenance..... 945 00

The time allowed for the completion of the work and the full performance of the contract will be fifty (50) working days.

The amount of security required will be Twelve Hundred Dollars (\$1,200).

8. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HENDRIX ST., FROM DUMONT AVE. TO NEW LOTS ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,000 linear feet of new curbstone set in concrete..... 400 00

120 cubic yards earth excavation..... 60 00

1,660 cubic yards earth filling, to be furnished..... 830 00

8,610 square feet cement sidewalk, 1 year maintenance..... 861 00

The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be Fourteen Hundred Dollars (\$1,400).

9. FOR LAYING CEMENT SIDEWALKS ON JOHNSON AVE., FROM MORGAN AVE. TO FLUSHING AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

20,730 square feet cement sidewalk, 1 year maintenance..... 2,073 00

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be Eleven Hundred Dollars (\$1,100).

10. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF SKILLMAN AVE. FROM HUMBOLDT ST. TO OLD WOODPOINT ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

700 square yards asphalt pavement, 5 years maintenance..... 350 00

97 cubic yards concrete..... 45 00

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be Four Hundred Dollars (\$400).

11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 12TH AVE., FROM BAY RIDGE AVE. TO 75TH ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

6,080 cubic yards earth excavation..... 304 00

720 cubic yards earth filling, not to be bid for..... 360 00

2,880 linear feet cement curb, 1 year maintenance..... 288 00

13,650 square feet cement sidewalk, 1 year maintenance..... 1,365 00

The time allowed for the completion of the

FIRE DEPARTMENT.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 157 AND 159 EAST 67TH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

THURSDAY, DECEMBER 28, 1911,

Borough of Manhattan.
1. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, NORTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

2. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

3. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

4. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

5. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

6. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

7. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

8. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

9. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

10. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

11. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

12. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

13. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

14. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

15. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

16. FOR FURNISHING AND DELIVERING FORAGE FOR COMPANIES LOCATED IN THE BOROUGH OF MANHATTAN, SOUTH OF 110TH ST.

The time for the delivery of the forage and the full performance of the contract is two hundred (200) days.
The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

2. FOR FURNISHING AND DELIVERING SIX HUNDRED (600) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES LOCATED NORTH OF FIFTY-NINTH STREET, BOROUGH OF MANHATTAN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

3. FOR FURNISHING AND DELIVERING FOUR HUNDRED (400) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES LOCATED IN THE BOROUGH OF THE BRONX.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

4. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN BOROUGH OF RICHMOND.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

5. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

6. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

7. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

8. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

9. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

10. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

11. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

12. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

13. FOR FURNISHING AND DELIVERING ONE HUNDRED AND FIFTY (150) GROSS TONS OF ANTHRACITE COAL FOR COMPANIES IN THE BOROUGH OF QUEENS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before May 1, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate.

Strictly cash; checks will not be accepted.
Boats not warranted; boats must be removed at once.
R. WALDO, Police Commissioner.
d15,22

POLICE DEPARTMENT OF THE CITY OF NEW YORK, OFFICE OF THE PROPERTY CLERK, DECEMBER 13, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT the One Hundred and Thirty-third Public Auction Sale, consisting of CONDEMNED POLICE DEPARTMENT HORSES, PATROL WAGONS AND BUGGY, will be held at the sales rooms of the Fias, Doerr & Carroll Horse Co., 153 East 24th st., Borough of Manhattan, on

THURSDAY, DECEMBER 21, 1911,

at 11.30 a. m.
Lot No. 1—Horse, MODEL, No. 659.
Lot No. 2—Horse, THIEF, No. 526.
Lot No. 3—Horse, URANUS, No. 144.
Lot No. 4—Horse, LEE, No. 576.
Lot No. 5—Horse, SKIP, No. 36.
Lot No. 6—Horse, NOBLE, No. 196.
Lot No. 7—Horse, ERISE, No. 155.
Lot No. 8—Horse, BARNES, No. 529.
Lot No. 9—Horse, CHESTER, No. 77.
Lot No. 10—Horse, HIWATHA, No. 162.
Lot No. 11—Horse, SPENCER, No. 2.
Lot No. 12—Horse, OXFORD, No. 147.
Lot No. 13—Horse, WOLF, No. 222.
Lot No. 14—Horse, RICHARD C, No. 212.
Lot No. 15—Horse, GERARD, No. 426.
Lot No. 16—Horse, IIB, No. 107.
Lot No. 17—PATROL WAGON, No. 12.
Lot No. 18—PATROL WAGON, No. 90.
Lot No. 19—PATROL WAGON, No. 94.
Lot No. 20—DELIVERY WAGON, No. 243.
Lot No. 21—SURREY, No. 172.
Lot No. 22—BUGGY, No. 138.

Strictly cash; checks will not be accepted.
Horses and wagons not warranted; horses and wagons must be removed at once.
R. WALDO, Police Commissioner.
d15,22

POLICE DEPARTMENT OF THE CITY OF NEW YORK, OFFICE OF THE PROPERTY CLERK, DECEMBER 12, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT the One Hundred and Thirty-fourth Public Auction Sale, consisting of CONDEMNED POLICE DEPARTMENT PROPERTY, will be held at 300 Mulberry st., Borough of Manhattan, on

FRIDAY, DECEMBER 22, 1911,

at 10 a. m.
60 bicycles, "READING STANDARD," numbers as follows: 4891, 5113, 4890, 4873, 4853, 5096, 4889, 5107, 5088, 5102, 5114, 5110, 5118, 5101, 5103, 4864, 5097, 5087, 5086, 30403, 5098, 4883, 30407, 4857, 4230, 4861, 4887, 5092, 4876, 4816, 4868, 5117, 4863, 30418, 4878, 4884, 4872, 4892, 4858, 4859, 4112, 5121, 5109, 30400, 5106, 4870, 5100, 5111, 4867, 4874, 30410, 4855, 4857, 4882, 4881, 30408, 5120, 5119, 4866, 4886.

18 bicycles, "COLUMBIA," numbers as follows: 4247, 19244, 19309, 1134, 19366, 19350, 4236, 4249, 12269, 4266, 19386, 19303, 3247, 19250, 4402, 19298, 12276, 19811.

30 bicycles, "EAGLE," numbers as follows: 92185, 92208, 91160, 92195, 92149, 92196, 92167, 92168, 92157, 90950, 90947, 92179, 90943, 90965, 92182, 92191, 92156, 92198, 92207, 92161, 90948, 92203, 92954, 92152, 92209, 92173, 90956, 92093, 92138, 92211.

12 bicycles, "CLEVELAND," numbers as follows: 71558, 72230, 71655, 74774, 1861, 75734, 74775, 24756, 74926, 71422, 74996, 15576.

2 bicycles, "WOLFF-AMERICAN," numbers as follows: 90221, 90286.

2 bicycles, "PIERCE," numbers as follows: 140502, 140590.

1 LOCOMOBILE, No. 553 (33748).
1 PUMP AUTO.
1 SPEEDOMETER.

Strictly cash; checks will not be accepted.
Property not warranted; property must be removed at once.
R. WALDO, Police Commissioner.
d15,22

POLICE DEPARTMENT—CITY OF NEW YORK.
OWNERS WANTED BY THE PROPERTY

Clerk of the Police Department of The City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

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R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

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R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

ERECTING AND CONSTRUCTING A STON' WALL SURMOUNTED BY AN IRON FENC' IN THE BOTANICAL GARDEN, IN BRONX PARK, IN THE CITY OF NEW YORK.

The time for the full performance of the contract is one hundred (100) working days.
The amount of security required is Nin Thousand Dollars (\$9,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.
Blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, The Bronx.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,

Borough of The Bronx
FOR FURNISHING ALL THE LABOR AND MATERIALS FOR THE ERECTION AND COMPLETION OF A COMFORT STATION IN VAN CORTLANDT PARK, IN THE CITY OF NEW YORK.

The time allowed for the completion of this contract will be sixty (60) days.
The amount of security required is Five Thousand Dollars (\$5,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,

Borough of The Bronx
FOR FURNISHING ALL THE LABOR AND MATERIALS FOR THE ERECTION AND COMPLETION OF A COMFORT STATION AT ORCHARD BEACH, IN PELHAM BAY PARK, IN THE CITY OF NEW YORK.

The time for the completion of the contract is sixty (60) days.
The amount of security required is Four Thousand Dollars (\$4,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,

Borough of The Bronx
FOR FURNISHING ALL THE LABOR AND MATERIALS FOR COMPLETELY ERECTING AND CONSTRUCTING ADDITIONAL GREENHOUSE IN THE BOTANICAL GARDEN, IN BRONX PARK, IN THE CITY OF NEW YORK.

The time allowed to complete the work will be sixty consecutive working days.
The amount of security required is Six Thousand Dollars (\$6,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, The Bronx.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.
d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

obtained at the office of the Department of Parks, Arsenal, Central Park, New York City. CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, JANUARY 4, 1912,
Borough of Manhattan.
FOR ALL LABOR AND MATERIALS REQUIRED FOR FURNISHING AND ERECTING THE INTERIOR FINISH, PLUMBING, HEATING, ELECTRIC WIRING AND OTHER WORK INCIDENTAL THERETO IN ADDITION H OF THE METROPOLITAN MUSEUM OF ART, LOCATED IN CENTRAL PARK, ON THE WEST SIDE OF FIFTH AVE., OPPOSITE EAST EIGHTY-FOURTH ST.

The amount of security required is One Hundred Thousand Dollars.
The time allowed to complete the whole work will be three hundred consecutive calendar days.
Bids will be compared and the contract awarded at a lump or aggregate sum.
Plans may be seen and blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City. CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,
Borough of Manhattan.
FOR REPAIRING SHEET ASPHALT OR ASPHALT BLOCK ROADWAY PAVEMENTS IN THE BOROUGH OF MANHATTAN, WHERE DIRECTED, DURING THE YEAR 1912.

The period during which this contract shall be in force will terminate December 31, 1912, unless sooner terminated by the completion of all the work.

The amount of the security required is Three Thousand Dollars.
Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,
Borough of Manhattan.
FOR FURNISHING AND DELIVERING FRESH BEEF FOR CENTRAL PARK MENAGERIE.

The time allowed for the completion of this contract will be for six months, ending July 1, 1912.

The amount of security required is One Thousand Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,
Borough of Manhattan.
FOR FURNISHING AND DELIVERING COAL.

The time allowed for the completion of this contract will be as required before July 1, 1912.

The amount of security required is Five Thousand Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,
Borough of Manhattan.
FOR FURNISHING AND DELIVERING FORAGE FOR PARKS.

The time allowed for the completion of this contract will be for six months, ending July 1, 1912.

The amount of security required is Eight Thousand Dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES.

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

TUESDAY, DECEMBER 26, 1911,
CONTRACT NO. 1308—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING MISCELLANEOUS MACHINE TOOLS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 60 calendar days.

The amount of security required is as follows:

Class 1—Motor driven screw cutting engine lathe, the sum of \$350.

Class 2—Motor driven column crank shaper, the sum of \$350.

Class 3—Motor driven 3 1/2-inch spindle, horizontal boring and drilling machine, the sum of \$1,200.

Class 4—Motor driven 4-inch pipe threading and cutting machine, the sum of \$250.

Class 5—Motor driven bolt cutting machine, the sum of \$250.

Class 6—Motor driven 36-inch by 36-inch metal working planer, the sum of \$1,000.

The bidder shall state, both in writing and in figures, a price for furnishing the machine, complete as called for in the class upon which a bid is submitted. Each class is a separate and distinct contract in itself, and awards, if made, will be made in each class to the bidder whose price is lowest in the class and whose bid is regular in all respects.

In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks. Dated December 12, 1911. d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

FILLING PRIVILEGES.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at Pier "A," foot of Battery place, in The City of New York, until 12 o'clock noon, on

TUESDAY, DECEMBER 26, 1911,

for the right to dump and fill in at the following locations:

Privilege 1. BEHIND THE BULKHEAD WALL RECENTLY BUILT OR TO BE BUILT ON PART OF THE YORKVILLE SECTION ON THE EAST RIVER, BOROUGH OF MANHATTAN.

Privilege 2. ON PART OF THE CORLEARS SECTION, EAST RIVER, BOROUGH OF MANHATTAN.

GENERAL TERMS AND CONDITIONS OF SALE.

Privilege 1. The work to be done is to fill in with suitable material, as hereinafter described, the area behind the new bulkhead wall now built or to be built extending from a point about 100 feet south of the intersection of the southerly side of E. 71st st. (prolonged outshore) with the bulkhead wall and extending northerly along the bulkhead wall a distance of about 375 feet to a point 54 feet south of the southerly side of E. 73d st. prolonged outshore and extending also from the rear bulkhead wall when it is completed inshore a distance of about 50 feet to the present top of bank.

Privilege 2. The area behind the new bulkhead wall extending from the easterly side of Pier 41 at the foot of Gouverneur Slip to the filling at the westerly side of Pier 42, East River, extending inshore a distance of about 23 feet to the present top of bank.

The filling to be placed under the above privileges shall be brought to a grade level with the top of the coping of the bulkhead wall and shall extend inshore on a sloping grade to the level of the street adjacent.

The bidder may bid on one or both privileges, as each privilege is a separate and distinct contract in itself.

The bidder will state both in writing and in figures a lump sum price which he will agree to pay for the right of filling in the whole of the area described in the privilege upon which a bid is submitted.

The awards, if made, will be made to the bidder whose lump sum price is the highest for the privilege.

It is estimated that the area outlying the above described limit will create a basin to be filled in under the agreement whose cubical contents in the net void space are equal to about 4,400 cubic yards under Privilege 1 and about 700 cubic yards under Privilege 2.

In the estimated amounts given the amount in cubic yards is arrived at without placing any allowance for shrinkage, settlement, swelling of the material or penetration into the mud.

The Department is not bound in any way by the estimate, and bidders must satisfy themselves of the actual quantities required to fill in the above described areas by examination of the premises or such other means as they may prefer, the intention of the Department being to fill in the whole of the said premises behind the bulkhead wall within the above described limits, and no allowance will be made to the purchaser from the purchase price on account of any discrepancy which may be found between the above estimated quantity and the actual amount of filling required. The purchaser will be required to place the filling in accordance with the following specifications:

All the filling shall, unless otherwise directed, be placed directly in the rear of the bulkhead wall and carried from the bulkhead wall toward the shore.

All material must be dumped and filled in only in such manner, at such points, and in such order of procedure, and at such times and seasons as may, from time to time, be directed, and the work of filling in may be entirely suspended for such periods of time as may be directed by the Engineer. The purchaser shall have no claim for damage or for any allowance from the purchase money on account of such suspension of the work.

The purchaser shall provide all plank and other appliances and all necessary labor, and shall at all times keep the dump graded to the satisfaction of the Engineer.

All directions shall be given by the Engineer, and wherever the word "Engineer" is used in these specifications it refers to and designates the Chief Engineer of the Department of Docks and Ferries, or such officer or employee as may be designated by him.

Rip-rap stone coming directly on or against the bulkhead wall must be deposited carefully in such manner as will not injure the same.

All the filling, except as otherwise specified herein, shall be of ashes, cellar dirt, broken stone, etc., entirely free from garbage or any organic matter objectionable in the opinion of the Engineer.

The filling shall be commenced within five days after the date of the receipt of a notification from the Engineer that the work, or any part of it, ready to be begun, after which not less than 100 cubic yards per day shall be placed under privilege I. and not less than 35 cubic yards per day under privilege II., and the whole amount of the filling called for to bring the above described basins up to grade shall be completed under privilege I. within forty-four days and under privilege II. within twenty days from the date of the receipt of said notification. At the expiration of this time this agreement shall be considered closed unless a further extension of time shall be given by the Commissioner of Docks. If at any time during the progress of the work it shall be deemed necessary to order the suspension of the whole or any part of the filling, the time for completing said filling shall be extended as much as it may have been delayed by such suspension.

In case the purchaser at any time does not proceed with the work of filling in to the satisfaction of the Commissioner of Docks, the said Commissioner will at once terminate the privilege of filling in and proceed to have the remainder of the filling in done by other parties in such way and manner as he deems proper, and any loss which may result therefrom shall be charged against the principal and his surety.

The purchaser shall, during the work of filling, and at all times until the completion thereof, take all necessary precaution and place proper guards for the prevention of accidents, and put up and maintain at night sufficient lights, and he shall indemnify and save harmless The City of New York from all damages and costs to which it may be put by reason of injury to the person or property of another resulting from negligence or carelessness in the performance of the work of guarding the same, to which the surety is also bound.

A bid or estimate will be considered in either privilege unless accompanied by a certified check drawn to the order of the Commissioner of Docks, or money to the amount of twenty-five per centum of the amount of the bid, which amount shall be applied in the case of the successful bidder to the first one-quarter of the amount of the filling to be deposited; twenty-five per centum to be paid when the first one-quarter of filling has been completed; twenty-five per centum additional when one-half the filling has been completed, and the balance, twenty-five per centum, when three-quarters of said filling has been completed.

A surety or guarantee company, duly authorized by law to act as surety, to be approved by the Commissioner of Docks, will be required to enter into a bond or obligation jointly and severally with the purchaser in the sum of double the amount of the purchase price as security for the satisfactory performance of said work, in accordance with the terms and conditions hereof.

The contractor agrees that he will comply with the provisions of the Labor Law. He further agrees that no laborer, workman or mechanic in the employ of the contractor, subcontractor or other person doing or contracting to do the whole or a part of the work contemplated by the contract shall be permitted or required to work more than eight hours in any one calendar day, except as in cases of extraordinary emergency caused by fire, flood or danger to life or property. That the wages to be paid for a legal day's work to all classes of such laborers, workmen or mechanics upon public work or upon any material to be used thereon, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the locality where such public work is being constructed. Each such laborer, workman or mechanic shall receive the prevailing rate of wages. This contract shall be void and of no effect unless the person or corporation making or performing the same shall comply with the provisions of sections 3 and 14 of the Labor Law.

CALVIN TOMKINS, Commissioner of Docks. Dated The City of New York, December 12, 1911. d13,26

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 21, 1911,

CONTRACT NO. 1302—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ANTHRACITE COAL.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 180 calendar days.

The amount of security required is \$9,000.

The bidder shall state, both in writing and in figures, a price per ton, as indicated in the schedule, which price when so stated shall be net and shall not include containers unless specified to the contrary. Extensions must be made and footed up in all cases. In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

The contract, if awarded, will be awarded to the bidder whose price is the lowest for furnishing all of the coal called for and whose bid is regular in all respects.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks. Dated December 8, 1911. d9,21

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon, on

THURSDAY, DECEMBER 21, 1911,

CONTRACT NO. 1307—FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRING THE ASPHALT PAVEMENT ON THE MARGINAL STREET, NORTH EAST AND HARLEM RIVERS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The time for the completion of the work and the full performance of the contract is on or before December 31, 1912.

The amount of security required is:

For Class 1, repairs to wearing surface and binder, North River, the sum of \$9,000.

For Class 2, repairs to wearing surface and binder, East and Harlem Rivers, the sum of \$600.

The bidder shall state, both in writing and in figures, a price per square yard for doing all of the work called for in the class upon which a bid is submitted. The bids will be tested by the price bid per square yard and the awards, if made, will be made to the bidder whose price per square yard is the lowest in the class and whose bid is regular in all respects. Each class of the contract is a separate and distinct contract in itself.

In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Work must be done at the time and in the manner and in such quantities as may be directed. Blank forms and further information may be obtained at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks. Dated December 8, 1911. d9,21

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk and Clerk to the Board of Aldermen.

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesdays, at 11 a. m., at call of the Mayor.

HENRY J. WALSH, Deputy Chamberlain, Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

Franchise Matters.

PUBLIC NOTICE IS HEREBY GIVEN THAT at a meeting of the Board of Estimate and Apportionment, held November 29, 1911, the following petition was received:

To the Board of Estimate and Apportionment:

The Bronx Traction Company, a street surface railroad company, hereby applies for the consent of The City of New York to the construction and operation of a double-track extension of its road on the following route, in the Borough of The Bronx, City of New York:

Commencing at the present terminus of its road at Westchester square, in the Village of Westchester, Borough of The Bronx, City of New York, extending with double tracks in, upon, and along the surface of Westchester avenue to the intersection of said avenue with the Eastern boulevard or Pelham Bay Park, also situated in said Borough of The Bronx, City of New York.

The proposed extension is to be operated by an overhead current of electricity, and will connect the company's lines now terminating at Westchester square with the Pelham Bay Park, thus affording a new line of transportation to the park from the southern and western portions of the Borough of The Bronx.

Dated November 24, 1911.

By EDWARD A. MAHER, President.

City and County of New York, ss:

Edward A. Maher, being duly sworn, says that he is the president of the Bronx Traction Company, the petitioner herein; that he has read the foregoing petition and knows the contents thereof, and that the same is true to his knowledge except as to those matters which are therein stated on information and belief, and as to such matters he verily believes it to be true.

EDWARD A. MAHER.

Sworn to before me this 24th day of November, 1911.

JAS. S. WILLIAMS, Notary Public, New York County.

and the following resolutions were thereupon adopted:

Whereas, The foregoing petition from the Bronx Traction Company, dated November 24, 1911, was presented to the Board of Estimate and Apportionment at a meeting held November 29, 1911;

Resolved, That in pursuance of law this Board sets Thursday, the 21st day of December, 1911, at 10.30 o'clock in the forenoon, and Room 16 in the City Hall, Borough of Manhattan, as the time and place when and where such petition shall be first considered, and a public hearing be had thereon, at which citizens shall be entitled to appear and be heard; and be it further

Resolved, That the Secretary is directed to cause such petition and these resolutions to be published for at least fourteen (14) days in two daily newspapers in The City of New York, to be designated by the Mayor, and for at least ten (10) days in the City Record immediately prior to such date of public hearing. The expense of such publication to be borne by the petitioner. (The New York Press and the New York Times designated.)

JOSEPH HAAG, Secretary.

New York, November 29, 1911. d9,21

PUBLIC NOTICE IS HEREBY GIVEN THAT

at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The City of New York, by an ordinance adopted by the Board of Aldermen July 26, 1904, and approved by the Mayor August 2, 1904, granted to the New York, Westchester and Boston Railway Company the right to construct, maintain and operate a four-track railroad upon certain routes, particularly set forth in section 1 of said ordinance, and which ordinance, including all the terms and conditions thereof, was accepted by said Company by an instrument in writing duly filed with the Comptroller of The City of New York on August 13, 1904; and

Whereas, The Board of Estimate and Apportionment, by resolution adopted July 14, 1905, and approved by the Mayor July 21, 1905, consented to certain modifications or alterations in the aforesaid routes; and

Whereas, Said ordinance was further amended by contracts between the City and the Company dated January 29, 1909, and August 2, 1911, respectively; and

Whereas, The said Company has petitioned the Board of Estimate and Apportionment by a petition verified October 11, 1911, for the consent of The City of New York to certain modifications and alterations in said routes, as is fully set forth in said petition; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on October 26, 1911, fixing the date for a public hearing thereon as November 23, 1911, at which citizens were en-

to appear and be heard, and publication was had for, at least two (2) days in the "New York Press" and "Morning Telegraph," newspapers designated by the Mayor, and in the City Record for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, The said Board has made inquiry as to the proposed modification and amendment of said ordinance as heretofore amended; now, therefore, it is

Resolved, That the following form of resolution for the consent or right applied for by the New York, Westchester and Boston Railway Company, containing the form of proposed contract for the grant of such right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby consents to certain changes, alterations and amendments in the route of the New York, Westchester and Boston Railway Company as granted by an ordinance of the Board of Estimate and Apportionment approved July 21, 1905, and by contracts dated January 29, 1909, and August 2, 1911, respectively, and the right to cross certain streets, avenues, highways and public places and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, such changed, altered or amended route being fully set forth and described in the following form of proposed contract for the grant thereof, embodying such terms and conditions as modify or alter said ordinance of the Board of Estimate and Apportionment amended, which said ordinance as heretofore amended otherwise remains unchanged as to all the other terms and conditions expressed therein, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made this.....day of..... 1912, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the New York, Westchester and Boston Railway Company (hereinafter called the Company), party of the second part, witnesseth:

Whereas, The City did by ordinance approved by the Mayor August 2, 1904, grant to the Company the right to cross certain streets and highways and the privilege to construct and operate a four-track railroad upon certain routes particularly set forth in section 1 of said ordinance, and as shown on certain maps and profiles therein referred to and filed in the office of the County Clerk of the City and County of New York, on the 23d day of June, 1904; and

Whereas, The Board did on July 14, 1905, adopt a resolution which was approved by the Mayor July 21, 1905, consenting to a change in the route of the Company; and

Whereas, The Board did on November 20, 1908, adopt a resolution which was approved by the Mayor November 30, 1908, authorizing the execution and delivery of a contract modifying and altering certain of the terms and conditions of the said ordinance of the Board of Estimate and Apportionment approved by the Mayor July 21, 1905, and said contract so authorized was executed by the President and Secretary of the Company on January 29, 1909, and by the Mayor and City Clerk, February 8, 1909, and bears the former date; and

Whereas, The Board did on July 6, 1911, adopt a resolution which was approved by the Mayor July 11, 1911, authorizing the execution and delivery of a contract changing the route of the Company and modifying and altering certain of the terms and conditions of the said ordinance of the Board of Estimate and Apportionment approved by the Mayor August 2, 1904, as amended by the said resolution of the Board of Estimate and Apportionment approved by the Mayor July 21, 1905, and as further amended by the said contract dated January 29, 1909, and said contract so authorized was executed by the President and Secretary of the Company on July 21, 1911, and by the Mayor and City Clerk on August 2 and August 15, 1911, respectively, and bears date of August 2, 1911; and

Whereas, In and by said ordinance as amended by said resolution and said contract, the consent of the City was granted to the Company for the construction, maintenance and operation of the said railroad across certain enumerated streets, avenues or highways, either above or below the grade thereof within said City upon certain conditions therein fully set forth; and

Whereas, On the 10th day of December, 1910, the Board of Directors of said Company at a meeting of said Board of Directors duly held on said date, and by a vote of two-thirds of all the Directors of said Company, adopted a resolution altering and amending the route of the said Company as amended by the said resolution of July 21, 1905, and the said contract dated January 29, 1909, and which alterations and amendments are shown upon a certain map dated December 10, 1910, entitled:

"Map and Profile of New York, Westchester & Boston Railway Company, New York County, New York, part of section 1, December 10, 1910, being map and profile of that part of the route of the main line of said railway Company within said County extending from a point near the intersection of Willis avenue and 132d street in the Borough of The Bronx, City of New York, to a point between 134th street and 135th street, east of Willow avenue, in said Borough and City, as altered, changed, amended and adopted by affirmative vote of two-thirds of all the Directors of the said Company on the 10th day of December, 1910. E. J. Langford, Chief Engineer, New York, Westchester & Boston Railway Company."

—and signed by the Chief Engineer, President, Secretary and ten Directors, which map was filed in the office of the County Clerk of New York County on July 24, 1911; and

Whereas, The Company has applied to the Board as the local authority of the City by a petition verified October 11, 1911, for the consent of such local authority for such change, alterations and amendments to the route of said railroad and for the right to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on said amended route and for the modification of the said ordinance, resolution and contracts in accordance therewith, to wit:

That the description of the main line of the Company as contained in section 1 of the contract dated January 29, 1909, as amended by contract dated August 2, 1911, be altered and amended between the terminus of the railway of the Company at the Harlem River to a point between 134th and 135th streets east of Willow avenue.

—and

Whereas, After due publication, a public hearing at which citizens were entitled to appear and be heard, was held by the Board upon the modifications and amendments contained in the petition on the 23d day of November, 1911; and

Whereas, The Board has made inquiry as to

the proposed modifications and amendments of said ordinance of 1904, resolution of 1905, and contracts of 1909 and 1911; and

Whereas, On the.....day of....., 1912, the Board, as the local authority of the City, adopted a resolution granting to the Company the right to make such changes, alterations and amendments to the route of said railroad and the right to cross certain streets, avenues, highways and public places, and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, and authorized the Mayor to execute and deliver a contract granting such rights in the name and on behalf of the City, which resolution was approved by the Mayor on the.....day of....., 1912.

Now, therefore, in consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree, as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right to make such changes, alterations and amendments to the route of said railroad and the right to cross certain streets, avenues, highways and public places and to construct, maintain and operate a railroad in, upon and across the streets, avenues, highways and public places on such amended route of said railroad, which amended route is shown upon the map heretofore referred to and is more particularly described as follows:

1. The description of the main line of the Company as contained in section 1 of the contract dated January 29, 1909, as amended by contract dated August 2, 1911, is hereby amended by striking therefrom that portion of said description reading as follows:

"Beginning at a point on the Harlem River near the point where Lincoln avenue intersects the north bank of the Harlem River in the Borough of The Bronx, and crossing Lincoln avenue between the Harlem River and 132d street; thence running easterly substantially parallel to 132d street between 132d street and the Harlem River; thence crossing 132d street at or near its intersection with Willow avenue; thence crossing 133d street, 134th street, 135th street, 136th street, 137th street 138th street, between Willow avenue and the Harlem River and Portchester Railroad; and

—and substituting therefor the following:

"Beginning at a point on the Harlem River near the point where Lincoln avenue intersects the north bank of the Harlem River in the Borough of The Bronx, and crossing Lincoln avenue between the Harlem River and 132d street; thence running easterly substantially parallel to 132d street between 132d street and the Harlem River to a point approximately seven hundred and two feet east of the easterly line of Willis avenue; thence running easterly and contiguous to the existing route of the Harlem River and Portchester Railroad Company and crossing East 132d street at a point where the centre line of the Main Line is distant approximately two hundred and ten feet easterly from the easterly line of Willow avenue; thence running northerly and contiguous to the existing route of the Harlem River and Portchester Railroad Company and crossing East 133d street and East 134th street at points where the centre line of the Main Line is distant approximately three hundred feet and three hundred and forty feet, respectively, easterly from the easterly line of Willow avenue; thence running northerly and contiguous to the existing route of the Harlem River and Portchester Railroad Company and crossing East 135th street, East 136th street, East 137th street and East 138th street between Willow avenue and the Harlem River and Portchester Railroad; and

The amended route hereby authorized is more particularly shown upon a map entitled:

"N. Y. W. & B. Ry. Map showing proposed change of route from the intersection of Willis avenue and 132d street to a point between 134th street and 135th street East of Willow avenue, Borough of The Bronx, to accompany petition dated October 11, 1911, to the Board of Estimate and Apportionment."

—and signed by L. S. Miller, President, and J. L. Crider, Chief Engineer; a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Section 2. The grant of this privilege is subject to the following conditions:

First—All the terms, provisions and conditions contained in the said ordinance approved by the Mayor August 2, 1904, the said resolution of the Board, approved by the Mayor July 21, 1905, and the said contracts dated January 29, 1909, and August 2, 1911, respectively, shall remain unchanged and shall apply to the routes described in said ordinance as amended, as hereby further amended, with the same force and effect as when they applied to the routes described in said ordinance as amended, and as though the changes in route herein authorized had been specifically described in said ordinance as amended.

Second—The Company hereby agrees to assume all liability to any person or corporation by reason of the execution of this contract, the change of route herein authorized and the abandonment of the route herein described, and it is a condition of this contract that the City shall assume no liability whatsoever either to any person or corporation on account of the same, and the Company hereby agrees to repay to the City any damage which the City may be compelled to pay by reason of this contract, and by the said change of route and abandonment.

Section 3. The Company covenants and agrees to abandon and relinquish, and does hereby abandon, surrender and relinquish to the City all of its rights and franchises to construct, maintain and operate a railroad in, upon and across the streets on those portions of the route described in the said ordinance approved by the Mayor August 2, 1904, as amended by resolution approved by the Mayor July 21, 1905, and by contracts dated January 29, 1909, and August 2, 1911, respectively, to wit: Main Line between the intersection of Willis avenue and East 132d street and a point between East 134th and East 135th streets east of Willow avenue; which are not covered by the description of the new and amended route as herein described, and which are not shown on the map of the amended route heretofore referred to as having been filed in the office of the County Clerk of New York County on the twenty-fourth day of July, 1911, and which are not shown outlined in red upon the map accompanying the said petition of October 11, 1911, a copy of which is attached hereto and forms a part of this contract.

Section 4. The Company promises, covenants and agrees on its part and behalf to conform to, and abide by and perform all of the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,

By....., Mayor.

(CORPORATE SEAL)
Attest:....., City Clerk.

NEW YORK, WESTCHESTER AND BOSTON RAILWAY COMPANY,

By....., President.

(SEAL)
....., Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the proposed franchise, and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, are as specified and fully set forth in the said ordinance approved by the Mayor August 2, 1904, as heretofore amended, as further amended by the foregoing form of proposed contract for the consent of such modifications and alterations.

Resolved, That these preambles and resolutions, including said resolution for the consent of The City of New York to the modifications and alterations as applied for by the New York, Westchester and Boston Railway Company, and said form of proposed contract for the grant of said franchise or right containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, January 4, 1912, in the City Record, and at least twice during the ten (10) days immediately prior to Thursday, January 4, 1912, in two (2) daily newspapers to be designated by the Mayor therefor and published in The City of New York, at the expense of the New York, Westchester and Boston Railway Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment before authorizing any contract for the consent of the City to certain modifications and alterations in the routes of the New York, Westchester and Boston Railway Company, as granted by ordinance of the Board of Aldermen, approved by the Mayor August 2, 1904, and amended by resolution of the Board of Estimate and Apportionment, approved by the Mayor July 21, 1905, and by contracts dated January 29, 1909, and August 2, 1911, respectively, such modifications and alterations being fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right and before adopting any resolution authorizing any such contract, will, at a meeting of said Board to be held in the old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, January 4, 1912, at 10:00 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

(The New York "Times" and the New York "Press" designated.)

JOSEPH HAAG, Secretary.

Dated New York, November 23, 1911.

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PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The Riverside Light & Power Company has under date of May 16, 1911, made application to this Board for the grant of the right, privilege and franchise to construct, maintain and operate conduits with the necessary branches and extensions therefrom for the purpose of supplying electricity for light and power within a district bounded by West 129th street, 12th avenue, West 134th street and the easterly line of the marginal street, wharf or place as adopted by the Commissioner of Docks February 27, 1907, and approved by the Commissioners of the Sinking Fund April 3, 1907, in the Borough of Manhattan, City of New York; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws this Board adopted a resolution on June 8, 1911, fixing the date for the public hearing thereon as July 6, 1911, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the New York "Herald" and the New York "Press," newspapers designated by the Mayor, and in the City Record for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to the Riverside Light & Power Company and the adequacy of the compensation proposed to be paid therefor; now, therefore, it is

Resolved, That the following form of resolution for the grant of the franchise or right applied for by the Riverside Light & Power Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Riverside Light & Power Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions including the provisions as to rates and charges, upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made this.....day of..... 1912, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Riverside Light & Power Company, a corporation formed under and pursuant to the laws of the State of New York (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter contained, the right and privilege to lay, construct, maintain and operate suitable wires or other electrical conductors in conduits, for the purpose of supplying electrical current for light, heat and power, said conductors to be laid, constructed, maintained and operated only within that portion of the Borough of Manhattan bounded and described as follows:

Beginning at the intersection of the centre line of West 129th street with the easterly line of the marginal street, wharf or place, as adopted by the Commissioner of Docks February 27, 1907, approved by the Commissioners of the Sinking Fund April 3, 1907, and laid down on the maps of the Department of Docks and Ferries; thence northeasterly along the easterly line of the said marginal street, wharf or place to its intersection with the centre line of West 134th street; thence easterly along the centre line of West 134th street to its intersection with the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with

the northerly line of West 131st street; thence easterly along the northerly line of West 131st street to a point 125 feet east of the easterly line of 12th avenue; thence southerly from the said point on the northerly line of West 131st street, 125 feet east of the easterly side of 12th avenue to the centre line of West 131st street, the same distance from 12th avenue; thence westerly from the said point in the centre of West 131st street, 125 feet east of the easterly line of 12th avenue to the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with the centre line of West 129th street; thence westerly along the centre line of West 129th street to the easterly line of the marginal street, wharf or place, at the point or place of beginning. Said boundaries and district being more particularly shown by a red line on the map or plan attached to this contract, dated May 16, 1911, and signed by Joseph Conron, President of the Company, and made a part hereof.

It is, however, understood and agreed that the Company shall have no right to carry on the business of furnishing electricity for light, heat or power in the blocks abutting on West 131st street east of 12th avenue, but that any wires or conductors laid by it in said street shall only be for the purpose of connecting the plant which it proposes to construct in the block on the north side of said street with the territory above described west of the centre line of 12th avenue, for the purpose of supplying consumers therein.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company.

First—The said right to lay, construct, maintain and operate said conductors and appurtenances shall be held and enjoyed by the Company from the date on which this contract is signed by the Mayor to and until March 7, 1926, with the privilege of renewal of said contract for the further period of ten (10) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time, not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but the annual sum to be paid by the Company to the City under such renewal shall not be less than the sum required to be paid during the last year of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding ten (10) years shall be reasonable, and either the City (by the Board) or the Company shall be bound, upon request of the other, to enter into a written agreement with such other fixing the rate of such compensation at such amount as shall be reasonable, but no annual sum thus fixed shall in any event be less than the sum required to be paid by the Company to the City during the last year of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate at such amount as shall be determined by three disinterested freeholders, selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluations aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of the original term of this contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience, and upon such information as they may obtain by inquiries and investigations without the presence of either party. They shall have the right to examine the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum to be paid thereunder shall in any event be less than the sum required to be paid for the last year of the original term of this contract. If in any case, the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Second—The Company shall pay to the City for the privilege hereby granted the following sums of money.

1. The sum of five hundred dollars (\$500) for the privilege hereby granted within thirty (30) days after the signing of this contract by the Mayor.

2. During the period between the date on which this contract is signed by the Mayor and March 7, 1916, an annual sum which shall in no case be less than one hundred dollars (\$100) and which shall be equal to two (2) per cent. of the gross receipts of the Company, if such percentage shall exceed the sum of one hundred dollars (\$100).

3. During the succeeding five years of this original contract an annual sum which shall in no case be less than one hundred and seventy-five dollars (\$175) and which shall be equal to three (3) per cent. of the gross receipts of the Company, if such percentage shall exceed the sum of one hundred and seventy-five dollars (\$175).

4. During the last five years of this original contract, an annual sum which shall in no case be less than two hundred and fifty dollars (\$250) and which shall be equal to five (5) per cent. of the gross receipts of the Company if such percentage shall exceed the sum of two hundred and fifty dollars (\$250).

All annual sums as above shall be paid into the treasury of the City on February 1 of each year, and shall be for the amount due to December 31 next preceding. Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before February 1 in each year for the year ending December 31 next preceding.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid by any ordinance of the City or resolution of the Board, or any law of the State of New York.

Third—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal) notwithstanding any clause in any statute or in the charter of any other company providing for payments for similar rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall con-

tain a covenant on the part of the assignee or lessee that the same is subject to all conditions of this contract, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of this city or in any other law or ordinance to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or in the charter, and that it will claim by reason thereof otherwise exemption from liability to perform each and all of the conditions of this contract.

Fourth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual, firm or other corporation a similar right or privilege upon the same or other terms and conditions, in the same streets and avenues, or within the district hereinbefore described.

Fifth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company or by the operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof, in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Sixth—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the conductors and appurtenances, including conduits, if any, of the Company, constructed or maintained pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board remove any and all of its conductors and appurtenances, including conduits, if any, constructed or maintained pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—The Company shall construct and operate its electric system subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City, and shall bear the expense of all inspection by such authorities, and of the inspection of all work of construction.

Within thirty (30) days after the signing of this contract by the Mayor, the Company shall apply to the Commissioner of Water Supply, Gas and Electricity for leave to place its wires or conductors underground, in or across the streets, where they are now laid, or where it is proposed to locate them, and shall also demand of the Consolidated Telegraph and Electrical Subway Company space in its conduits or subway crossing Manhattan street, West 131st street and West 132d street at these points, in which to place the existing wires or conductors, or if no such conduits or subways have been built by the Subway Company which will accommodate these wires or conductors, then that the said Subway Company be required to build the same across the said streets where the said wires or conductors are now laid or where it is proposed to locate them.

If there be no conduits or subways of the Subway Company for the accommodation of the existing wires or conductors of the Company crossing the streets at these points, it shall have the right to maintain said wires or conductors as at present maintained and operated until such new conduits or subways are placed at its disposal by the Subway Company for use and occupation, whereupon the Company agrees and binds itself to discontinue the use of its present electric conduits in the public streets and to place its said wires or conductors in such conduits or subways of the Consolidated Telegraph and Electrical Subway Company.

All other or additional wires or conductors of the Company shall be placed in conduits or subways to be leased from the Consolidated Telegraph and Electrical Subway Company, or from the City, should it succeed to the rights of such company, provided, however, that should the said Consolidated Company within six (6) months after notice and demand neglect or refuse to construct such conduits or subways as are necessary and to place the same at the disposal and use of the Company, the Company, with the further consent of the Board, may construct such conduits or subways as are necessary for use by its own wires or conductors. Any such subways or conduits constructed by the Company shall be transferred to the Consolidated Telegraph and Electrical Subway Company, or the City, on payment to the Company of the reasonable cost thereof, and the Company agrees and binds itself to so transfer any such conduits or subways upon payment therefor by the Subway Company or the City.

Eighth—The electric plant, conduits, wires, conductors, connections and all appurtenances thereto, shall be constructed, maintained and operated in the latest approved manner, and with the most modern and improved appliances.

Ninth—The Company shall, upon being directed to do so by the Commissioner of Water Supply, Gas and Electricity, extend its wires and conductors and furnish light, heat or power to any public building or street lamp within the territory herein described.

Tenth—The Company shall file with the Board on the first day of February in each year a map or plan upon which shall be plainly indicated the number of wires which are in use by the Company on December 31 of the preceding year, the streets in which the same are located, and also those which were put in use during the preceding year.

Eleventh—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant, by the Company.

Twelfth—The rates to be charged shall never be in excess of those authorized by the laws hereafter enumerated, and it is agreed that the same may be altered or changed by the Board as hereinafter provided.

For electricity furnished to the City, the Company shall not charge higher rates than those authorized by chapter 733 of the Laws of 1905, as amended by chapter 390 of the Laws of 1906, and chapter 479 of the Laws of 1910.

For electricity furnished to other consumers, the Company shall not charge higher rates than those authorized by chapter 732 of the Laws of 1905, as amended by chapter 616 of the Laws of 1906.

The Company also agrees that if in the future any new or improved style of street lighting is available for use, it will furnish the same at such reasonable prices as may be fixed by the Board, subject to the provisions of this contract.

Thirteenth—During the term of this contract, or any renewal thereof, the Board shall have the power to regulate and fix the maximum and minimum rates to be charged by the Company throughout the territory in which it is hereby granted the right to operate, provided such rates shall be reasonable and fair.

The maximum rates herein fixed for electricity furnished by the Company shall continue until March 7, 1916, at which time and at the end of each period of five years thereafter during the term of the contract or any renewal thereof, the Board shall have the power to readjust such rates, provided the same shall not exceed those fixed by law or be unreasonable or unfair to the Company.

Fourteenth—The Company shall upon request from any individual, company or corporation, occupying premises in the territory covered by this contract, not in arrears to it for services already rendered, and who has not agreed with any previous occupier of the premises occupied by such individual, company or corporation, to assume the payment of any moneys due by such previous occupier to the Company, extend its conductors to the premises of such individual, company or corporation and supply current for light, heat or power or any or all of such purposes; provided that it shall not be required to so extend its conductors where the ground in which the same are to be laid shall be frozen, during the period in which the said frozen condition shall continue.

The Company shall not require or receive any deposit or advance payment in excess of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate. Any consumer or person who desires to be connected with the conductors of the Company can apply to the Board to compel the Company in compliance with the provisions of this contract, to connect with and furnish electricity to such consumer or person, and all orders of the Board made on the request of any such consumer or person shall be complied with by the Company.

The provisions of section 62 of the Transportation Corporations Law fixing a penalty for failure of any electric company to extend its service to an applicant, and of this subdivision of the contract requiring the payment of interest on deposits made by consumers, may in the event of the refusal of the Company to comply with any order of the Board, on complaint made in regard thereto, be deducted from the security fund to be deposited with the Comptroller, as hereinafter provided, and the Comptroller is authorized to deduct the amount from the said fund and pay the same to the claimant, on being directed to do so by the Board.

Fifteenth—The Company shall assume all liability to persons or property by reason of the construction or operation of the system authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or defaults of the Company.

Sixteenth—The Company shall submit to the Board a report not later than February 1 of each year, for the year ending December 31 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt as by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate of interest per annum on funded debt.
10. Statement of dividends paid during year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the stockholders of the Company held for that purpose.
13. Cost of underground conductors and appurtenances, including conduits if any to the year preceding and moneys expended on same during year.
14. Present value of said conduits and appurtenances, based on cost and depreciation.
15. Miles of conductors.
16. Amount of electricity in kilowatts furnished to consumers other than City, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
17. Amount of electricity furnished to the City, in kilowatts, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
18. Total receipts from sales of electricity.
19. Operating expenses, interest and other charges.
20. Net earnings and surplus from such sales.
21. Cost of furnishing electricity per kilowatt.
22. Balance sheet for year.
23. Amounts paid by Company for damages to persons or property on account of construction and operation.

—and such other information in regard to the business of the Company as may be required by the Board.

Seventeenth—The Company shall at all times keep accurate books of account and shall, on or before February 1 in each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending December 31 next preceding. Such report shall contain a statement of the gross receipts from all business done by the Company in the territory in which it is authorized to operate by this contract, together with such other information and in such form and detail as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Eighteenth—In case of any violation or breach of failure to comply with any of the provisions of this contract, the same may be forfeited by a suit brought by the Corporation Counsel on notice of ten days to the Company, or at the option of the Board, by resolution of said Board, which said resolution may contain a provision to the effect that all property constructed and in use by virtue of this grant shall thereupon become the property of the City without proceedings at law or in equity.

If for a period of two consecutive weeks the electric system of the Company shall not be operated, the Board may declare the right and franchise granted by this contract terminated without further proceedings at law or in equity, if it shall appear in the judgment of said Board that the same was not operated through the fault of the Company. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to show cause before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Nineteenth—If the said Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures in good condition throughout the full term of its occupancy of such streets, or fail to comply with any provision of this contract, except as hereinafter otherwise provided, the Board, if it so elects, instead of commencing proceedings to terminate this contract may give written notice to the said Company, specifying any default on the part of said Company, and requiring said Company to remedy the same within a reasonable time, and upon the failure of the Company to remedy said default within a reasonable time, said Company shall for each day thereafter during which the default or defect remains, pay to the City the

sum of fifty dollars (\$50) as fixed and liquidated damages, or the said City, in case such structures which may affect the surface of the streets shall not be put in good condition within a reasonable time and after notice by the Board, as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the said Company shall pay to the City the amount of the cost of such repairs, with the interest thereon, and in default of such payment, the same shall be a proper charge against and may be deducted from the security fund to be deposited with the Comptroller as hereinafter provided.

Twentieth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred thereby, shall deposit with the Comptroller of the City the sum of five hundred dollars (\$500), either in money or securities to be approved by him, which fund shall be security for the performance by the Company of the terms and conditions of this contract, especially those which relate to the payment of the annual charge for the franchise granted; and in case of such default in the annual payment, the City shall collect the same, with interest, from the said fund after ten (10) days' notice in writing to the said Company. In case of the failure of the Company to comply with the terms of this contract relating to the filing of annual statements, or its neglect or refusal to comply with any demand or direction of the Board or other municipal officials, made pursuant to the terms of this contract, or under the authority of any laws or ordinances now or hereafter in force, in such case and in any of these events, the Company, except as herein otherwise provided, shall pay to the City a penalty of fifty dollars (\$50) for each violation.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on its own motion or on complaint made, shall give notice to the Company, directing its President or other officer to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalties, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him.

In case of any drafts made upon the security fund, the Company shall, upon ten (10) days' notice in writing, pay to the City a sum sufficient to restore said security fund to the original amount of five hundred dollars (\$500), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City, in the same manner as elsewhere provided herein. No action or proceeding shall be brought by the City under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-first—The words "notice" or "direction" wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided, shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-second—If at any time the powers of the Board or any other of the authorities herein mentioned, or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then, and in such case, such other Board, authority, officer or officers shall have the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Twenty-third—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways of the territory in which the Company is authorized to operate by this contract.

Twenty-fourth—The words "streets and avenues," or "streets or avenues," when and where used, shall be deemed to mean and include any and all streets, avenues, roads, highways, boulevards, parkways, parks and public places.

Section 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Section 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained, in addition to all provisions of law pertinent hereto.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed, and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,

By....., Mayor.

(CORPORATE SEAL)

Attest:....., City Clerk.

RIVERSIDE LIGHT AND POWER COMPANY,

By....., President.

(CORPORATE SEAL)

Attest:....., Secretary.

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted, and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provisions as to rates and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of the franchise or right applied for by the Riverside Light & Power Company and the said form of a proposed contract for the grant of such franchise or right, containing said results of such inquiry, after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, December 21, 1911, in the City Record, and at least twice during the ten (10) days immediately prior to Thursday, December 21, 1911, in two daily newspapers to be designated by the Mayor thereof and published in the City of New York, at the expense of the Riverside Light & Power Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of a franchise or right applied for by the Riverside Light & Power Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said

Board, to be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, December 21, 1911, at 10.30 o'clock a. m., hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

The New York "Press" and the "Sun" designated. JOSEPH HAAG, Secretary, Dated New York, November 9, 1911. n27,d21

SHERIFF OF QUEENS COUNTY.

OFFICE OF THE SHERIFF OF QUEENS COUNTY, QUEENS COUNTY COURT HOUSE, LONG ISLAND CITY, N. Y.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Sheriff of Queens County, at the above office, until 11 o'clock a. m., on

FRIDAY, DECEMBER 29, 1911,

FOR FURNISHING AND DELIVERING THE FOLLOWING: (1) FRESH MEATS, DRIED, SMOKED AND PICKLED MEATS, AND POULTRY; (2) FRESH FISH, OYSTERS AND CLAMS; (3) VEGETABLES, FRUITS, BUTTER, CHEESE, EGGS, GROCERIES AND CANNED GOODS; (4) BREAD AND ROLLS.

The time for the performance of the contract is between January 1, 1912, and December 31, 1912.

The amount of security required is fifty (50) per cent. of the amount of the bid or estimate.

The bidder will state the price, per pound or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class, as stated in the specifications.

Blank forms and further information may be obtained at the office of the Sheriff of Queens County, at the office of the Sheriff, Long Island City, N. Y.

THOMAS M. QUINN, Sheriff of Queens County.

The City of New York, December 16, 1911. d16,29

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m., on

WEDNESDAY, JANUARY 3, 1912.

Boroughs of Manhattan and The Bronx.

1. FOR FURNISHING AND DELIVERING VALVES.

The time allowed for the delivery of the materials and supplies and the performance of the contract is one hundred and fifty (150) calendar days.

The amount of security required is Five Thousand Dollars (\$5,000).

2. FOR FURNISHING, DELIVERING AND INSTALLING A STEAM HEATING SYSTEM IN ENGINE ROOM, STORAGE HOUSE, ETC., AT THE 179TH ST. PUMPING STATION.

The time allowed for doing and completing the entire work is ninety (90) consecutive working days.

The security required is Fifteen Hundred Dollars (\$1,500).

3. FOR FURNISHING AND CONSTRUCTING A CHLORINATING PLANT AT KATONAH, WESTCHESTER COUNTY, NEW YORK.

The time allowed for doing and completing the entire work is sixty (60) working days.

The security required is One Thousand Dollars (\$1,000).

All Boroughs.

4. FOR FURNISHING, DELIVERING, STORING AND TRIMMING COAL.

The time allowed for doing and completing the entire work is one hundred and eighty (180) calendar days.

The security required is twenty-five per cent. (25%) of the amount of bid.

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested. The bids will be compared and award made to the lowest formal bidder in a lump or aggregate sum for all the items on Nos. 1, 2 and 3. Awards will be made by sections on No. 4.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

Dated December 18, 1911. d20,j3

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m., on

MONDAY, JANUARY 8, 1912.

Borough of Queens

1. FOR HAULING AND LAYING WATER MAINS AND APPURTENANCES IN THE FIRST AND THIRD WARDS, BOROUGH OF QUEENS.

The time allowed for doing and completing the entire work is one hundred (100) consecutive working days.

The security required is Fifteen Thousand Dollars (\$15,000).

Boroughs of Queens and Richmond.

2. FOR FURNISHING AND DELIVERING VALVES.

The time allowed for the delivery of the materials and supplies and the performance of the contract is as follows:

For Section 3, one hundred and twenty (120) calendar days.

For Section 4, one hundred and twenty (120) calendar days.

The amount of security required is as follows:

For Section 3, One Thousand Dollars (\$1,000).

For Section 4, Two Hundred Dollars (\$200).

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested. The bids will be compared and award made to the lowest bidder on No. 1 in a lump or aggregate sum. On No. 2 bids will be received on

THURSDAY, DECEMBER 28, 1911,
1. FOR FURNISHING AND DELIVERING
400 TONS PRIME QUALITY ICE.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1912.

The amount of security required is fifty per cent. (50%) of the amount of the bid or estimate. The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item and awards made to the lowest bidder on each item.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, 148 East 20th st.

PATRICK A. WHITNEY, Commissioner.
Dated December 14, 1911. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until three o'clock p. m., on

MONDAY, JANUARY 8, 1912,

Borough of Manhattan,

FOR FURNITURE, ETC., FOR WASHINGTON IRVING HIGH SCHOOL, ON THE EASTERLY SIDE OF IRVING PLACE, BETWEEN 16TH AND 17TH STS., BOROUGH OF MANHATTAN.

The time allowed to complete the whole work will be ninety working days, as provided in the contract.

The amount of security required is as follows: Item 1, \$6,000; Item 2, \$1,000; Item 3, 3,000; Item 4, \$2,000; Item 5, \$4,000; Item 6, \$6,000; Item 7, \$5,000; Item 8, \$4,000; Item 9, \$1,500; Item 10, \$4,000; Item 11, \$4,000.

A separate proposal must be submitted for each item, and award will be made thereon. Bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated December 20, 1911. d20,38

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until three o'clock p. m., on

TUESDAY, JANUARY 2, 1912,

Borough of Queens,

2. FOR INSTALLING ELECTRIC EQUIPMENT IN NEW PUBLIC SCHOOL 40, ON THE SOUTHERLY CORNER OF PACIFIC AND UNION HALL STREETS, JAMAICA, BOROUGH OF QUEENS.

The time allowed to complete the whole work will be 100 working days, as provided in the contract.

The amount of security required is \$3,000. Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, 69 Broadway, Flushing, Borough of Queens.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated December 19, 1911. d19,32

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m. on

TUESDAY, JANUARY 2, 1912,

Borough of Brooklyn,

1. FOR ITEM 1. FURNITURE, ETC., FOR ADDITION TO GIRLS' HIGH SCHOOL, ON NOSTRAND AVE. BETWEEN HALSEY AND MACON STS., BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be 60 working days, as provided in the contract.

The amount of security required is \$500. Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at Branch Office, 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated December 19, 1911. d19,32

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until 4 o'clock p. m., on

TUESDAY, DECEMBER 26, 1911,

Borough of Brooklyn,

FOR ITEM 1. FOR FURNITURE FOR ADDITIONS TO AND ALTERATIONS IN BOYS' HIGH SCHOOL ON MARCY AVE. BETWEEN MADISON ST. AND PUTNAM AVE., BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security required is \$500. Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at estimating room, ninth floor, Hall

of the Board of Education, Park ave. and 59th st., Borough of Manhattan, and also at branch office, 131 Livingston st., Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.
Dated December 13, 1911. d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING OF THE CITY OF NEW YORK, 13-21 PARK ROW, NEW YORK, NOVEMBER 22, 1911.

PUBLIC NOTICE.

SALE OF UNUSED PROPERTY OF THE DEPARTMENT OF STREET CLEANING.

THE SALE OF THREE STEAM DUMPING VESSELS AND ALL THEIR BOILERS, ENGINES, MACHINERY, FURNISHINGS, ETC.

PUBLIC NOTICE IS HEREBY GIVEN THAT, under the authority of section 541 of the Charter of The City of New York, I will sell at public auction at the foot of East 17th st., Borough of Manhattan, the three steam dumping vessels of the Department of Street Cleaning known as the "Cinderella," "Cenerentola" and "Aschenbroedel," together with all their boilers, engines, machinery, equipment, furnishings and all the articles of whatsoever nature aboard of said vessels at 10 a. m.,

WEDNESDAY, DECEMBER 20, 1911,

The three said dumpers are now tied up at the foot of East 17th st., Borough of Manhattan, and permission for examination by prospective bidders may be obtained upon application to the Property Clerk's office of this Department on the second floor of stable "A," 17th street and Avenue "C," Manhattan.

TERMS OF SALE.

Each of the three said vessels will be sold separately as she is to the highest bidder, and the purchase price of each vessel will include all the boilers, engines, machinery, equipments and other furnishings and all the articles of whatsoever nature aboard of the said vessel. A deposit of Two Hundred and Fifty Dollars (\$250), in the form of a certified check upon one of the State or National Banks of The City of New York, or money to that amount, will be required of each successful bidder; the said amount to be forfeited in case of failure on the part of the purchaser to pay the remainder of the purchase price or remove the property from the said place as hereinafter provided. All the property so purchased must be removed within ten (10) days by the purchaser, at which time and place the final payments must have been completed.

WM. H. EDWARDS, Commissioner of Street Cleaning. d8,20

BELLEVUE AND ALLIED HOSPITALS

DEPARTMENT OF BELLEVUE AND ALLIED HOSPITALS, NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.), until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911.

2. FOR BEVERAGES, DAIRY PRODUCTS, BOTTLED AND CANNED GOODS, DRIED FRUITS, MISCELLANEOUS GROCERIES, FARINACEOUS FOODS, SOAPS, LAUNDRY SUPPLIES, ETC., TOILET ARTICLES, GLASSWARE, AGATE AND ENAMEL WARE, HARDWARE, RUBBER GOODS, MUSLINS, DRY GOODS AND NOTIONS, MISCELLANEOUS AND STABLE SUPPLIES.

7. KOSHER MEATS.

The surety required will be not less than fifty per cent. (50%) of the amount of the bid. The time for the delivery of the supplies and the full performance of the contract is by or before December 31, 1912.

The bids will be read from the total, and will be compared and awarded to the lowest bidder for the line as soon thereafter as practicable, according to law.

Bids must be submitted in duplicate, each in separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms may be obtained at the office of the Contract Clerk, entrance 400 E. 29th st., Borough of Manhattan.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.
Dated December 15, 1911. d16,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BELLEVUE AND ALLIED HOSPITALS, NEW YORK CITY, 26TH ST. AND 1ST AVE., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Board of Trustees in the Staff Room of Bellevue Hospital (entrance, 415 E. 26th st.), until 3 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911.

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE RECONSTRUCTION OF THE ELECTRIC LIGHT SYSTEM AT THE MAIN BUILDING AND OVERHAULING OF THE SAME AT THE AMBULANCE BUILDING, AND POWER HOUSE AND LAUNDRY BUILDING OF HARLEM HOSPITAL, SITUATED AT 136TH TO 137TH STREET AND LENOX AVENUE, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for doing and completing all the work included under this contract will be not more than one hundred and twenty (120) consecutive calendar days from date of mailing notice that the Comptroller has attached his signature to the contract.

The surety required will be Two Thousand Dollars (\$2,000).

The bids will be compared and the contract awarded as soon thereafter as practicable, according to law.

Blank forms may be obtained at the office of the Contract Clerk, entrance 400 E. 29th st., Borough of Manhattan.

JOHN W. BRANNAN, President of the Board of Trustees, Bellevue and Allied Hospitals.
Dated December 15, 1911. d16,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF RICHMOND.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, FIRST NATIONAL BANK BUILDING, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at the above office until 12 o'clock p. m., on

TUESDAY, DECEMBER 26, 1911,

Borough of Richmond,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR DELIVERING COAL TO PUBLIC BUILDINGS, ETC.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows:

One hundred and seventy-five tons of stove coal to County Clerk's office and Court House, Richmond, New York, and Village Halls, Stapleton and New Brighton, New York. Six hundred and ninety tons of buckwheat coal No. 1 to Borough Hall, St. George, New York.

The time for the completion of the work and the full performance of the contract is to December 20, 1912.

The amount of security required is Eighteen Hundred Dollars (\$1,800).

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the said President. The plans and drawings may be seen and other information obtained at the office of the Commissioner of Public Works of the Borough of Richmond, Borough Hall, New Brighton, Borough of Richmond.

GEORGE CROMWELL, President.

The City of New York, December 8, 1911. d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND.

AUCTION SALE.

THE PRESIDENT OF THE BOROUGH OF RICHMOND will offer for sale to the highest bidder, at City Stable "B," Columbia st., West New Brighton, S. I., on

WEDNESDAY, DECEMBER 20, 1911,

at 10.30 a. m., the following articles, for which The City of New York has no further use:

BICYCLES:

Lot No. 1—5 Bicycles.

HARNESS:

Lot No. 2—2 saddle and breechings.
Lot No. 3—2 bridles.
Lot No. 4—1 English collar.
Lot No. 5—1 pair hames.

AUTOMOBILES:

Lot No. 6—1 Queen runabout.
Lot No. 7—1 autocar.

AUTOMOBILE GOODS:

Lot No. 8—About 900 pounds old rubber tires.
Lot No. 9—4 radiators.
Lot No. 10—1 gasoline tank (22 gallons).
Lot No. 11—3 automobile cylinders.

WAGONS:

Lot No. 12—1 top surrey, No. 22.
Lot No. 13—2 three-seat wagons, Nos. 9 and 10.
Lot No. 14—1 top buggy, No. 26.
Lot No. 15—1 Studebaker Farm Wagon, No. 28.

Lot No. 16—1 runabout, No. 18.

JUNK:

Lot No. 17—About 10 tons old castings and forging.
Lot No. 18—1 old road scarifier, about 3 tons.
Lot No. 19—4 steam roller wheels, about 67 inches in diameter, 16-inch face.
Lot No. 20—2 pieces of iron frame.

TERMS OF SALE.

All goods purchased must be paid for in cash to the Clerk at the time of making the bid, and receipt given therefor.

In the case of bulk goods such as old rubber and iron junk, which are to be sold by weight, as determined by the Stable Foreman at the time of delivery, a 25 per cent. deposit shall be based upon the estimated weight mentioned in the schedule, and paid in cash to the Clerk at the time of making the bid, and receipt given therefor; the balance to be paid to the Foreman upon removal of goods.

All goods are to be taken from the premises by the purchaser before 4 p. m., Wednesday, December 27, 1911.

GEORGE CROMWELL, President of the Borough of Richmond. d12,20

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND.

AUCTION SALE.

THE PRESIDENT OF THE BOROUGH OF RICHMOND will offer for sale to the highest bidder, at Room "A" (basement), Borough Hall, St. George, S. I., on

WEDNESDAY, DECEMBER 20, 1911,

at 2 p. m., the following articles for which The City of New York has no further use:

SURVEYORS' TOOLS:

Lot No. 1—Stadia rods.
Lot No. 2—Leveling rods.
Lot No. 3—100 feet steel tapes.
Lot No. 4—50 feet steel tapes.
Lot No. 5—Folding rules.

FURNITURE:

Lot No. 6—7 settees.
Lot No. 7—1 Globe Wernicke 3-drawer sectional case.
Lot No. 8—2 desk draw cabinets.
Lot No. 9—1 old desk.
Lot No. 10—1 map rack.
Lot No. 11—15 window screens.
Lot No. 12—1 lot of broken chairs, etc.
Lot No. 13—4 old water coolers.
Lot No. 14—1 old paper wringer.
Lot No. 15—1 old large table.
Lot No. 16—1 map table.

TERMS OF SALE.

All goods purchased must be paid for in cash to the Clerk at the time of making the bid and receipt given therefor.

All goods are to be taken from the premises by the purchaser before 4 p. m., Wednesday, December 27, 1911.

GEORGE CROMWELL, President of the Borough of Richmond. d12,20

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, DECEMBER 28, 1911,

FOR FURNISHING AND INSTALLING ELECTRICAL FEEDER CABLES ON THE WESTERLY TRACK OF THE UPPER DECK OF THE MANHATTAN BRIDGE.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications within sixty (60) consecutive working days.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of Thirty Dollars (\$30) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be Twelve Thousand Dollars (\$12,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFE, Commissioner.
Dated December 12, 1911. d15,28

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, DECEMBER 21, 1911,

FOR FURNISHING AND DELIVERING ANTHRACITE COAL TO THE BRIDGES OVER THE HARLEM RIVER DURING THE FIRST SIX MONTHS OF THE YEAR 1912.

Delivery of the coal shall be made from time to time as required and completed within 180 calendar days after the receipt by the contractor of a written order to deliver the materials, from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the work will be One Thousand Five Hundred Dollars (\$1,500).

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFE, Commissioner.
Dated December 5, 1911. d9,21

See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, DECEMBER 21, 1911,

FOR FURNISHING AND INSTALLING THE ELEVATORS IN THE MUNICIPAL BUILDING.

The bidder shall state in his bid the type of electric elevator upon which his bid is based; and he shall also state the car speed which he guarantees, which speed must be between the limits specified.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the plans and specifications on or before the expiration of eight calendar months from the date of said certification.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of One Hundred Dollars (\$100) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be One Hundred and Fifty Thousand Dollars (\$150,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFE, Commissioner.
Dated November 27, 1911. n29,d21

See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF WATER SUPPLY.

SALE OF AUTOMOBILES AT AUCTION.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Board of Water Supply of The City of New York will offer for sale at public auction, on

THURSDAY, DECEMBER 21, 1911,

at 11 o'clock a. m., at their offices, 165 Broadway, New York City, two (2) automobiles as follows:

Lot 1—1 CHALMERS-DETROIT "40," 1909.
Lot No. 2—1 POPE-HARTFORD, MODEL "L," 1907.

Each lot will be sold separately to the highest bidder, who will be required to pay the full amount of his bid in certified check, or cash, at time of sale.

Lot No. 1 may be seen at the garage of George H. Tyrrell, Webster ave. and 195th st.; Lot No. 2, at the Lawson Motor Car and Garage Company, 810 South st., Peekskill, N. Y.

Each automobile shall be sold "as is," and the purchaser shall remove same from the premises of the Board within ten days from the date of sale. If not so removed the purchaser shall forfeit his right of ownership and the Board reserves the right to sell over the automobile. The money received at such sale shall become the property of the Board. The Board will not be responsible for any loss or damage to any automobile between the time of sale and the time of removal.

Bids in writing will be accepted by the Board of Water Supply, if accompanied by currency or certified check, drawn

COMMISSIONER OF ACCOUNTS.

STANDARD TESTING LABORATORY OF THE CITY OF NEW YORK, COMMISSIONER OF ACCOUNTS. SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Accounts of The City of New York, at the office of the Commissioner of Accounts, 280 Broadway, Borough of Manhattan, in The City of New York, until 10 o'clock a. m., on

TUESDAY, DECEMBER 26, 1911.

FOR FURNISHING AND DELIVERING ONE AUTOMOBILE TRUCK CHASSIS FOR THE USE OF THE STANDARD TESTING LABORATORY OF THE CITY OF NEW YORK.

The time allowed for making and completing the work will be forty (40) calendar days after the execution of the contract, the endorsement thereon of his certificate by the Comptroller and the receipt by the contractor of a written order to deliver from the Commissioner of Accounts. The security required will be fifty per cent. of the amount of the bid or estimate.

The bids will be compared and award of contract, if made, given to the lowest bidder. The bidder will state the price for which he will do all the work and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications.

For particulars as to the nature and extent of the work required or of the materials to be furnished bidders are referred to the specifications.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, can be obtained upon application therefor at the office of the Commissioner, and any further information can be obtained at the office of the Standard Testing Laboratory, 127 Franklin st., Borough of Manhattan.

RAYMOND B. FOSDICK, Commissioner of Accounts.

The City of New York, December, 12, 1911. d13,26

See General Instructions to Bidders on the last page, last column, of the "City Record."

SUPREME COURT—FIRST DEPARTMENT.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WADSWORTH TERRACE, from West One Hundred and Eighty-eighth street to Fairview avenue; of BROADWAY TERRACE, from West One Hundred and Ninety-third street to Fairview avenue; of WEST ONE HUNDRED AND EIGHTY-EIGHTH STREET, from Wadsworth avenue to Wadsworth terrace; of WEST ONE HUNDRED AND NINETEENTH STREET, from Wadsworth avenue to Wadsworth terrace; and of WEST ONE HUNDRED AND NINETEENTH STREET, from Broadway to Broadway terrace, in the Twelfth Ward, Borough of Manhattan, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in the City of New York, on the 3d day of January, 1912, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, Borough of Manhattan, New York, December 19, 1911.

CHARLES J. LESLIE, JOHN C. FITZGERALD, MICHAEL J. QUIGG, Commissioners of Estimate.

CHARLES J. LESLIE, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d19,30

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST ONE HUNDRED AND SEVENTY-FOURTH STREET (although not yet named by proper authority), between West Farms road and Bronx River avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 21st day of December, 1911, at 10.30 o'clock in forenoon of that day; and that the said final reports have been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 15, 1911.

E. MORTIMER BOYLE, FRANCIS P. KENEY, JOHN DAVIS, Commissioners of Estimate; JOHN DAVIS, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d15,20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of the wharfage rights, terms, easements, emoluments and privileges appurtenant to PIERS, OLD, No. 32, or JAMES SLIP PIER, and OLD No. 33, or OLIVER STREET PIER, East River, in the Borough of Manhattan, City of New York, not now owned by The City of New York, and all right, title and interest in and to said piers or any portion thereof, not now owned by The City of New York, and all wharfage rights, terms, easements, emoluments and privileges appurtenant to all that certain bulkhead, dock or wharf property on the southerly side of South street, in said Borough and City, between the easterly side of Pier, Old, No. 32 or James Slip Pier, and the westerly side of Pier, Old, No. 33, or Oliver Street Pier, not now owned by The

City of New York, for the improvement of the waterfront of The City of New York, on the East River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses incurred by reason of the proceedings in the above-named matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 26th day of December, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, December 9, 1911. d12,22

JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND FIFTH STREET (ADEE AVENUE) (although not yet named by proper authority), from White Plains road to Boston Post road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 26th day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, December 11, 1911.

PETER J. EVERETT, JOHN H. BEHRMANN, JOSEPH F. AHEARN, Commissioners of Estimate; PETER J. EVERETT, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d11,21

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of BLONDELL AVENUE from Barlow street to Westchester avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, as shown upon a map or plan adopted by the Board of Estimate and Apportionment, February 23, 1911, and approved by the Mayor March 6, 1911.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 2d day of December, 1911, and duly entered and filed in the office of the Clerk of the County of New York on the 5th day of December, 1911, James F. Donnelly, John M. Ruhl and William G. Fisher were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order James F. Donnelly was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said James F. Donnelly, John M. Ruhl and William G. Fisher will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 21st day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

New York, December 9, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. d9,20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of KINSELLA STREET, between Matthews (Rose) avenue and Bear Swamp road, and of VAN NEST (COLUMBUS) AVENUE, between West Farms road and Bear Swamp road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 2d day of December, 1911, and duly entered and filed in the office of the Clerk of the County of New York on the 5th day of December, 1911, Max Bendit, John L. Goldwater and John J. Mackin were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order Max Bendit was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said Max Bendit, John L. Goldwater and John J. Mackin will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 21st day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, December 9, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. d9,20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WHITE PLAINS ROAD, from a point near old Unionport road

to a point near Thwaites place, and to the area between Bronx Park East and White Plains road south of the northerly line of Bear Swamp road, which has not heretofore been legally acquired, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 2d day of December, 1911, and duly entered and filed in the office of the Clerk of the County of New York on the 5th day of December, 1911, Fred C. Hunter, Dominick L. O'Reilly and Martin F. Huberth were appointed Commissioners of Estimate in the above-entitled proceeding, and that in and by the said order Dominick L. O'Reilly was appointed the Commissioner of Assessment.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said Fred C. Hunter, Dominick L. O'Reilly and Martin F. Huberth will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 21st day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to their qualifications to act as such Commissioners in the above-entitled proceeding.

Dated New York, December 9, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. d9,20

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of RICHARD STREET (although not yet named by proper authority), from the Bronx and Pelham Parkway to Morris street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

In re applications for damages to lots Nos. 27, 40, 41, 42, 43 and 44 on map of Thwaites's estate, caused by the closing and discontinuance of Thwaites's place; in re application for damages to lots Nos. 1201, 1202 and 1217 on map of property belonging to Peter Lorillard, deceased, caused by the closing and discontinuance of Elliott avenue.

WE, THE COMMISSIONERS OF ESTIMATE and Assessment in the above-entitled proceeding, having been directed as follows:

First—By order bearing date the 19th day of June, 1907, and entered in the office of the Clerk of the County of New York on the 19th day of June, 1907, to ascertain and determine the compensation which should be justly made to Charles B. Galvin under, by and in consequence of the closing and discontinuance of Thwaites's place in front of and adjoining petitioner's lot No. 27 on the map of Thwaites's estate.

Second—By order bearing date the 25th day of April, 1907, and entered in the office of the Clerk of the County of New York on the 29th day of April, 1907, to ascertain and determine the compensation which should be justly made to Mary J. Fitzsimmons under, by and in consequence of the closing and discontinuance of Thwaites's place in front of and adjoining petitioner's lot No. 40 on the map of Thwaites's estate.

Third—By order bearing date the 25th day of April, 1907, and entered in the office of the Clerk of the County of New York on the 29th day of April, 1907, to ascertain and determine the compensation, which should be justly made to William J. Galvin under, by and in consequence of the closing and discontinuance of Thwaites's place in front of and adjoining petitioner's lot No. 41 on the map of Thwaites's estate.

Fourth—By order bearing date the 25th day of April, 1907, and entered in the office of the Clerk of the County of New York on the 29th day of April, 1907, to ascertain and determine the compensation which should be justly made to Ester M. T. Galvin under, by and in consequence of the closing and discontinuance of Thwaites's place in front of and adjoining petitioner's lots Nos. 42, 43 and 44 on the map of Thwaites's estate.

Fifth—By order bearing date the 1st day of July, 1907, and entered in the office of the Clerk of the County of New York on the 1st day of July, 1907, to ascertain and determine the compensation, if any, which should be made to Frank McGarry, by reason of the closing, discontinuance and abandonment of Elliott avenue, in front of and adjoining petitioner's lots Nos. 1201, 1202 and 1217.

All the foregoing premises are more particularly described in the petitions on which the said orders were based and filed therewith in the office of the Clerk of the County of New York and are shown on the damage map attached to our abstract of estimate and assessment.

And having also by the provisions of Chapter 1006 of the Laws of 1895 to ascertain and determine the benefit and advantage to the lands, tenements, hereditaments and premises which shall be benefited by the discontinuance, closing and abandonment of the aforesaid Thwaites's place and Elliott avenue.

We, therefore, the undersigned hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to-wit:

Sixth—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 27th day of December, 1911, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 29th day of December, 1911, at 2 o'clock p. m.

Seventh—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 29th day of December, 1911.

Eighth—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, and being all that part of old Thwaites's place lying in the block south of Thwaites's place and between Bronx Boulevard (Bronx Park East) and Barker avenue. All that part of old Thwaites's place lying in the block north of Thwaites's place and between Richard street and Barker avenue, and all that part of old Thwaites's place lying in the block south of Thwaites's place and between Richard street and

All that part of Elliott avenue lying in the block bounded by Wilgus street (Bridge street), Barker avenue, Adece avenue (King street) and White Plains road.

Ninth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 15th day of February, 1912, at the opening of the Court on that day.

Tenth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, November 24, 1911.

TIMOTHY E. COHALAN, JOHN L. GOLDWATER, E. MORTIMER BOYLE, Commissioners.

JOEL J. SQUIER, Clerk. d7,23

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening and extending EAST THIRTY-FIFTH STREET, from Clarkson avenue to Foster avenue, in the Twenty-ninth Ward of the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, City of New York, on the 27th day of December, 1911, at 10 o'clock in the forenoon of that day, and that the said final report has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of five days, as required by law.

Dated New York, December 20, 1911.

ROBT. H. CLARKE, M. V. DORNEY, JOSEPH P. JOYCE, Commissioners of Estimate; JOSEPH P. JOYCE, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d20,26

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of JEROME AVENUE, from East 17th street to Ocean avenue, in the Thirty-first Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 3d day of January, 1912, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 18, 1911.

ALVAH W. BURLINGAME, JR., AARON H. EASTMOND, AND J. CORSA, Commissioners of Estimate; AARON H. EASTMOND, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d18,29

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of PRESIDENT STREET, from Rogers avenue to New York avenue, in the Twenty-fourth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 3d day of January, 1912, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 18, 1911.

HORATIO C. KING, CHARLES S. SIMPKINS, HARRY L. LEGGATT, Commissioners of Estimate; CHARLES S. SIMPKINS, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d18,29

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to the closing and discontinuance of a portion of CONCORD STREET, from Washington street to a point 105 feet west of Washington street, below the bridge storage yard, in the Fourth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 3d day of January, 1912, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 18, 1911.

HENRY B. KETCHAM, FRANK V. KELLY, JOHN A. WARREN, Commissioners of Estimate and Assessment.

EDWARD RIEGELMANN, Clerk. d18,29

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of HILL STREET, (although not yet named by proper authority), from Railroad avenue to Clermont avenue, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, duly made and entered in the office of the Clerk of the County of Queens on the 16th day of May, 1910, so as to conform to the lines of said street as shown upon Section 17 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 26th day of June, 1908, and approved by the Mayor on the 5th day of August, 1908, and as shown on Sections 12 and 13 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and approved by the Mayor on the 4th day of June, 1909.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 22d day of December, 1911, at 10.30 o'clock in the forenoon of that day, and that the said final report has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, December 15, 1911.
F. R. NASH, PATRICK J. WHITE, Commissioners.
JOSEPH J. MYERS, Clerk. d15,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending SIXTY-SEVENTH STREET, from New Utrecht avenue to Bay Parkway, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 28th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed the Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of 67th street, from New Utrecht avenue to Bay Parkway, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the west line of Bay Parkway with the north line of 67th street as the same are laid out on the map of the City:

1. Thence southerly along the west line of Bay Parkway 60 feet.
2. Thence westerly deflecting 90 degrees to the right 3,002.47 feet to the east line of 18th avenue.
3. Thence westerly deflecting 38 degrees 02 minutes 10 seconds to the left 100.47 feet to the west line of 18th avenue.
4. Thence westerly deflecting 36 degrees 17 minutes 48 seconds to the right 2,246.45 feet to the east line of New Utrecht avenue.
5. Thence northerly along the east line of New Utrecht avenue 54.89 feet.
6. Thence easterly deflecting 114 degrees 21 minutes 21 seconds to the right 2,269.90 feet to the west line of 18th avenue.
7. Thence easterly deflecting 40 degrees 34 minutes 16 seconds to the left 106.82 feet to the east line of 18th avenue.
8. Thence easterly 3,003.32 feet to the point of beginning.

The Board of Estimate and Apportionment on the 11th day of February, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line midway between 67th street and 68th street, as these streets are laid out east of 18th avenue, distant 100 feet southeasterly from the southeasterly line of Bay Parkway, the said distance being measured at right angles to Bay Parkway, and running thence northwesterly along the said line midway between 67th street and 68th street, and along the prolongation of the said line to the southeasterly line of 18th avenue; thence westwardly in a straight line to a point on the northwesterly line of 18th avenue, where it is intersected by a line distant 100 feet southwesterly from and parallel with the southwesterly line of 67th street, as this street is laid out between 17th avenue and 18th avenue, the said distance being measured at right angles to 67th street; thence northwesterly along the said line parallel with 67th street to the intersection with the northeasterly line of 68th street; thence northwesterly along the northeasterly line of 68th street and the prolongation thereof to the intersection with a line distant 100 feet westerly from the westerly line of New Utrecht avenue, the said distance being measured at right angles to New Utrecht avenue; thence northwardly along the said line parallel with New Utrecht avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of 67th street and the southwesterly line of 66th street, as these streets are laid out between New Utrecht avenue and 18th avenue; thence southeasterly along the said bisecting line to the intersection with the northwesterly line of 18th avenue; thence eastwardly in a straight line to a point on the southeasterly line of 18th avenue midway between 66th street and 67th street; thence southeasterly along a line midway between 66th street and 67th street, and along the prolongation of the said line to the intersection with the southeasterly line of Bay Parkway; thence southwardly and parallel with West 7th street to the intersection with a line parallel with Bay Parkway and passing through the point of beginning; thence southwesterly along the said line parallel with Bay Parkway to the point or place of beginning.

Dated New York, December 15, 1911.
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. d15,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired in fee, to the lands and premises required for the purpose of opening and extending

ing MCKINLEY AVENUE, from Railroad avenue to Elderts lane, in the Twenty-sixth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 28th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed the Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of McKinley avenue, from Railroad avenue to Elderts lane, in the Twenty-sixth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the east line of Railroad avenue with the south line of McKinley avenue as the same are laid out on the map of the City:

1. Thence northerly along the east line of Railroad avenue 50 feet.

2. Thence easterly deflecting 90 degrees to the right 1,012 feet to the east line of Elderts lane.

3. Thence southerly along the east line of Elderts lane 50 feet.

4. Thence westerly 1,012 feet to the point of beginning.

The Board of Estimate and Apportionment on the 24th day of September, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line distant 200 feet northerly from and parallel with the northerly line of McKinley avenue, and by the prolongations of the said line; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Elderts lane; on the south by a line distant 200 feet southerly from and parallel with the southerly line of McKinley avenue; and by the prolongations of the said line; on the west by a line distant 100 feet westerly from and parallel with the westerly line of Railroad avenue.

All distances are intended to be measured at right angles to the lines to which they are referred.

Dated New York, December 15, 1911.
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. d15,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending HANCOCK STREET, from Irving avenue to the Borough Line, in the Twenty-eighth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 28th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed the Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Hancock street, from Irving avenue to the Borough Line, in the Twenty-eighth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the east line of Irving avenue with the south line of Hancock street as the same are laid out on the map of the City:

1. Thence northerly along the east line of Irving avenue 60 feet.

2. Thence easterly deflecting 90 degrees to the right 228.44 feet to the line between the Borough of Brooklyn and the Borough of Queens.

3. Thence southerly along the line between the Borough of Brooklyn and the Borough of Queens 60.43 feet.

4. Thence westerly 204.96 feet to the point of beginning.

The Board of Estimate and Apportionment on the 15th day of December, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the northeast by the line between the Borough of Brooklyn and the Borough of Queens, on the southeast by a line midway between Hancock street and Weirfield street; on the southwest by a line distant 100 feet southwesterly from and parallel with the southwesterly line of Irving avenue, the said distance being measured at right angles to Irving avenue; and on the northwest by a line midway between Jefferson avenue and Hancock street.

Dated New York, December 15, 1911.
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. d15,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired in fee, to the lands and premises required for the purpose of opening and extending NEWTON STREET, from Leonard street to Graham avenue, in the Seventeenth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 28th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed the Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Newton street, from Leonard street to Graham avenue, in the Seventeenth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the east line of

Leonard street with the south line of Newton street as the same are laid out on the map of the City.

1. Thence northerly along the east line of Leonard street 60 feet.

2. Thence easterly deflecting 90 degrees to the right 172.02 feet.

3. Thence easterly deflecting 31 degrees 25 minutes 48 seconds to the left 519.02 feet to the east line of Graham avenue.

4. Thence southerly along the east line of Graham avenue 60.82 feet.

5. Thence westerly deflecting 80 degrees 35 minutes 57 seconds to the right 525.96 feet.

6. Thence westerly 188.90 feet to the point of beginning.

The Board of Estimate and Apportionment on the 1st day of June, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line bisecting the angle formed by the intersection of the centre lines of Engert avenue and Newton street as these streets are laid out easterly from Graham avenue; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Graham avenue, the said distance being measured at right angles to the line of Graham avenue; on the south by a line always midway between Newton street and Bayard street and the prolongation of the said line; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Leonard street, the said distance being measured at right angles to the line of Leonard street.

Dated New York, December 15, 1911.
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. d15,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired in fee, to the lands and premises required for the purpose of opening and extending EIGHTY-FIRST STREET, from 3d avenue to 4th avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 28th day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed the Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of 81st street, from 3d avenue to 4th avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the east line of 3d avenue with the south line of 81st street as the same are laid out on the map of the City:

1. Thence northerly along the east line of 3d avenue 60 feet.

2. Thence easterly deflecting 90 degrees to the right 700 feet to the west line of 4th avenue.

3. Thence southerly along the west line of 4th avenue 60 feet.

4. Thence westerly 700 feet to the point of beginning.

The Board of Estimate and Apportionment on the 6th day of May, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between 80th street and 81st street as these streets are laid out west of 4th avenue; on the east by the westerly line of 4th avenue; on the south by a line midway between 81st street and 82d street as these streets are laid out west of 4th avenue; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of 3d avenue, the said distance being measured at right angles to 3d avenue.

Excluding, however, from the above described area all of the property fronting on the land which has already been ceded, and which is exempt from assessment under the provisions of Section 992 of the Charter.

Dated New York, December 15, 1911.
ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. d15,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of ATKINS AVENUE, from Pitkin avenue to New Lots road, in the Twenty-sixth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in the City of New York, on the 27th day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 13, 1911.
EDMUND D. HENNESSY, FORTESCUE C. METCALFE, JOHN J. KILCOURSE, Commissioners of Estimate; FORTESCUE C. METCALFE, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d13,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of BOGART STREET, from Meserole street to Meadow street, in the Eighteenth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in the City of New York, on the 27th day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon, and that the said bill of costs, charges

and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 13, 1911.
MILTON G. BUCKY, JNO. F. COFFIN, MICHAEL J. GOGARTY, Commissioners of Estimate; JNO. F. COFFIN, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d13,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of MONSON STREET, from Fulton avenue northwardly to the East River, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to-wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 3d day of January, 1912, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 5th day of January, 1912, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 3d day of January, 1912, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 5th day of January, 1912, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 14th day of June, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situated and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by the East River, on the east by a line midway between Monson street and Halsey street, on the south by the East River, and on the west by a line midway between Monson street and Mills street and by the prolongation of the said line.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 5th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 23d day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, December 6, 1911.

HENRY W. GRAVES, Chairman; JOHN SCHNEIDER, JOHN W. DOLAN, Commissioners of Estimate; HENRY W. GRAVES, Commissioner of Assessment.
JOSEPH J. MYERS, Clerk. d12,29

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to NEW UTRCHT AVENUE, from Thirty-eighth street to Eighty-first street, THIRTY-SIXTH STREET, from Fifth street to Seventh avenue; THIRTY-SEVENTH STREET, from Seventh to Fort Hamilton avenue; SEVENTH AVENUE, from Thirty-sixth to Thirty-seventh street; EIGHTH AVENUE, from Thirty-seventh to Thirty-ninth street, and TENTH AVENUE, from Thirty-seventh to Thirty-eighth street; and for the PUBLIC PLACE bounded by Forty-second street, Tenth avenue and New Utrecht avenue; PUBLIC PLACE, bounded by Fort Hamilton avenue, New Utrecht avenue and Forty-fifth street, and PUBLIC PLACE, bounded by Forty-sixth street, Eleventh avenue and New Utrecht avenue, in the Eighth, Twenty-ninth and Thirtieth Wards, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT THE partial bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House in the Borough of Brooklyn, in The City of New York, on the 22d day of December, 1911, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said partial bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, December 11, 1911.

CHAS. HARWOOD, HENRY B. WOODS, WILLIAM F. ATKINSON, Commissioners of Estimate; WILLIAM F. ATKINSON, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d11,21

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore ac-

quired, to the lands, tenements and hereditaments required for the opening and extending of GATES AVENUE (although not yet named by proper authority), from Woodward avenue to Fresh Pond road, in the Second Ward, Borough of Queens, City of New York, as extended by an order of the Supreme Court, duly made and entered in the office of the Clerk of the County of Queens, on the 19th day of October, 1910, so as to conform to the lines of said street as shown upon Sections 15, 16 and 29 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909, and approved by the Mayor on the 4th day of June, 1909.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the Municipal Building, Court House Square, Long Island City, Borough of Queens, in the City of New York, on or before the 24th day of January, 1912, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 4th day of January, 1912, at 2 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 4th day of January, 1912.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of the northerly line of Woodward avenue with a line parallel to and distant 100 feet westwardly from the westerly line of Gates avenue; running thence northerly and northeasterly along said line parallel to Gates avenue and always distant 100 feet therefrom to the westerly line of Fresh Pond road, thence southerly along said westerly line of Fresh Pond road to its intersection with a line parallel to and distant 100 feet southeasterly from the southeasterly line of Gates avenue; thence southerly and southeasterly along said line parallel to Gates avenue and always distant 100 feet therefrom to the northerly line of Woodward avenue, thence westerly along said northerly line of Woodward avenue to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 8th day of March, 1912, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimates and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, December 7, 1911.
MORRIS L. STRAUSS, Chairman; THOMAS F. DUANE, Commissioners.
JOSEPH J. MYERS, Clerk. d11,28

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of ROBINSON STREET, from Bedford avenue to New York avenue; and WINTHROP STREET, from Nostrand avenue to Remsen avenue, in the Twenty-ninth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 27th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 27th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 2d day of January, 1912, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 10th day of April, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Robinson street and Clarkson avenue distant 100 feet westerly from the westerly line of Bedford avenue, and running thence northwardly and parallel with Bedford avenue to the intersection with a line midway between Winthrop street and Robinson street; thence easterly along the said line midway between Winthrop street and Robinson street to a point distant 100 feet westerly from the westerly line of Nostrand avenue;

thence northwardly and parallel with Nostrand avenue to the intersection with a line midway between Hawthorne street and Winthrop street; thence easterly along the said line midway between Hawthorne street and Winthrop street to a point distant 100 feet westerly from the westerly line of New York avenue; thence northwardly and parallel with New York avenue to the intersection with a line midway between Fenimore street and Hawthorne street; thence easterly along the said line midway between Fenimore street and Hawthorne street, and the prolongation of the said line to the intersection with the southwesterly line of Remsen avenue; thence northeastwardly at right angles to the line of Remsen avenue a distance of 200 feet; thence southeastwardly and parallel with Remsen avenue to the intersection with a line at right angles to Remsen avenue and passing through a point on the southwesterly line of Remsen avenue where it is intersected by the prolongation of a line midway between Winthrop street and Clarkson avenue; thence southwardly along the said line at right angles to Remsen avenue to the southwesterly line of Remsen avenue; thence westwardly along the said line midway between Winthrop street and Clarkson avenue, and the prolongation of the said line to a point distant 100 feet easterly from the easterly line of New York avenue; thence southwardly and parallel with New York avenue to the intersection with the prolongation of a line midway between Robinson street and Clarkson avenue; thence westwardly along the said line midway between Robinson street and Clarkson avenue and the prolongation of the said line to the point or place of beginning.

Fourth—That the abstract of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 8th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 30th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 8, 1911.
JOHN M. ZURN, Chairman; JOHN E. BURNS, DAVID I. HOGAN, Commissioners of Estimate; JOHN M. ZURN, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d8,26

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of THIRTEENTH AVENUE (although not yet named by proper authority), from Jackson avenue to Flushing avenue, in the First Ward, Borough of Queens, in the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in the City of New York, on or before the 27th day of December, 1911, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 29th day of December, 1911, at 2 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 29th day of December, 1911.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of the northerly line of Jackson avenue with the centre line of the blocks between 13th avenue and 12th avenue, and running thence northerly along said centre line to the southerly line of Flushing avenue; thence easterly along the southerly line of Flushing avenue to its intersection with the centre line of the blocks between 13th avenue and 14th avenue; thence southerly along said last mentioned centre line to its intersection with the northerly line of Jackson avenue; thence westerly along said northerly line of Jackson avenue to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 15th day of January, 1912, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to any of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the City Record, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, November 28, 1911.
JOHN T. ROBINSON, Chairman; W. J. HAMILTON, Commissioners.
JOSEPH J. MYERS, Clerk. d7,23

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for

the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SIXTY-FOURTH STREET, from Fourth avenue to Fifth avenue, in the Thirtieth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 27th day of December, 1911, at 3 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 28th day of December, 1911, at 3 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of July, 1910, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southeasterly side of Fourth avenue where the same is intersected by the centre line of the block between Sixty-fourth street and Sixty-third street; running thence southeasterly and along the said centre line to a point distant one hundred feet southeasterly from the southeasterly side of Fifth avenue; running thence southwesterly and parallel with Fifth avenue to the centre line of the block between Sixty-fourth and Sixty-fifth streets; running thence northwesterly and along said centre line of the block to the southeasterly side of Fourth avenue; running thence northeasterly and along the southeasterly side of Fourth avenue to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 5th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 29th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 6, 1911.
FRANK HARVEY FIELD, Chairman; KENNETH JOHNSON, CHARLES S. SIMPKINS, Commissioners of Estimate.
FRANK HARVEY FIELD, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d6,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of AVENUE M, from Flatbush avenue to Ralph avenue, in the Thirty-second Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 27th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 28th day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 23d day of April, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the northeasterly line of Flatbush avenue where it is intersected by the prolongation of a line midway between Avenue L and Avenue M as these streets are laid out

between East 45th street and Ralph avenue; and running thence eastwardly along the said line midway between Avenue L and Avenue M, and along the prolongations of the said line to a point distant 100 feet easterly from the easterly line of Ralph avenue; thence southwardly and parallel with Ralph avenue to the intersection with the prolongation of a line midway between Avenue L and Avenue N, as these streets are laid out between Flatbush avenue and Ralph avenue; thence westwardly along the said line midway between Avenue M and Avenue N, and along the prolongations of the said line, to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Flatbush avenue, the said distance being measured at right angles to Flatbush avenue; thence northwesterly and parallel with Flatbush avenue to the intersection with a line at right angles to Flatbush avenue and passing through the point of beginning; thence northeastwardly along the said line at right angles to Flatbush avenue to the point or place of beginning.

Fourth—That the abstract of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 5th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in the City of New York, on the 29th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 6, 1911.
EDWIN L. GARVIN, Chairman; HARRY J. ROSENSTAM, WM. MCKINNEY, Commissioners of Estimate; EDWIN L. GARVIN, Commissioner of Assessment.
EDWARD RIEGELMANN, Clerk. d6,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of THE TRIANGULAR PUBLIC PLACE bounded by Bushwick avenue, Myrtle avenue and Willoughby avenue, in the Twenty-seventh Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL persons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 27th day of December, 1911, at 11 o'clock a. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 28th day of December, 1911, at 11 o'clock a. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 17th day of December, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in the City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the northeasterly side of Bushwick avenue midway between the southeasterly side of Willoughby avenue and the northeasterly side of Suydam street, and running thence northwesterly on a line parallel with Suydam street to its intersection with a line drawn at right angles to the southerly side of Myrtle avenue from a point 100 feet east of the intersection of the southeasterly side of Willoughby avenue with the southerly side of Myrtle avenue; thence northwardly along the said line at right angles to the southerly side of Myrtle avenue at a point 100 feet east of the southeasterly side of Willoughby avenue; beginning again at a point on the northwesterly side of Willoughby avenue distant 100 feet northwesterly from the northeasterly side of Charles place and running thence northwesterly on a line parallel with Charles place a distance of 100 feet; thence southwesterly on a line parallel with Willoughby avenue and 100 feet distant therefrom and the prolongation of the said line to the southwesterly side of Charles place; thence westwardly on a line parallel with the northerly side of Myrtle avenue to the northeasterly side of Bushwick avenue; beginning again on the southerly side of Myrtle avenue at a point midway between the southwesterly side of Bushwick avenue and the southeasterly side of Ditmars avenue and running thence southwardly on a line at right angles to Myrtle avenue, to its intersection with a line 100 feet southwest of the southwesterly side of Bushwick avenue and parallel therewith; thence southwardly along the said line 100 feet southwest of the southwesterly side of Bushwick avenue and parallel therewith to a point midway between the southeasterly side of Willoughby avenue and the northwesterly side of Suydam street; thence northeastwardly on a line midway between Willoughby avenue and Suydam street to the southwesterly side of Bushwick avenue.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the

Bureau of Street Openings in the Law Department of The City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 5th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 6, 1911.

EDMUND D. HENNESSY, Chairman; JAMES J. DEASY, SOLON BARBANELL, Commissioners of Estimate.

EDMUND D. HENNESSY, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d6,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WHITE STREET, from Cook street to McKibbin street, in the Eighteenth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 27th day of December, 1911, at 2:30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 28th day of December, 1911, at 2:30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 21st day of May, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by the centre line of McKibbin street; on the east by a line distant 225 feet easterly from and parallel with the easterly line of White street, the said distance being measured at right angles to White street and by the prolongation of the said line; on the south by the centre line of Cook street; and on the west by a line distant 225 feet westerly from and parallel with the westerly line of White street, the said distance being measured at right angles to White street and by the prolongation of the said line.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 5th day of January, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, December 6, 1911.

JOHN C. JUDGE, Chairman; IRA L. ROSENSON, JOHN C. McGROARTY, Commissioners of Estimate.

JOHN C. JUDGE, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. d6,22

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of CHAUNCEY STREET, from Hoyt avenue to Winthrop avenue, and GOODRICH STREET, between Flushing and Winthrop avenues, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, in the Municipal Building, Court

House square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of December, 1911, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 29th day of December, 1911, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of February, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point 100 feet northeast of the northeasterly line of Winthrop avenue in the prolongation of a line midway between Chauncey street and Lawrence street, and running northwesterly on a line 100 feet northeast of the northeasterly side of Winthrop avenue and parallel therewith to a point in the prolongation of a line midway between Goodrich street and Merchant street; thence southwesterly on a line midway between the northeasterly side of Goodrich street and the southeasterly side of Merchant street and the prolongation of said line to its intersection with a line 100 feet south of the southerly side of Flushing avenue and parallel therewith; thence easterly along the said line 100 feet south of the southerly side of Flushing avenue and parallel therewith to its intersection with the prolongation of a line midway between the southeasterly side of Chauncey street and the northwesterly side of Lawrence street; thence northeasterly along the said line midway between the southeasterly side of Chauncey street and the northwesterly side of Lawrence street and the prolongation thereof to its intersection with a line 100 feet northeast of the northeasterly side of Winthrop avenue, the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House square, in the Borough of Queens, in said City, there to remain until the 28th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 29th day of January, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, June 16, 1911.

AUGUST REYMERT, Chairman; LUKE OTTEN, THOMAS H. MULHOLLAND, Commissioners of Estimate.

LUKE OTTEN, Commissioner of Assessment.

JOSEPH J. MYERS, Clerk. d5,21

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, in fee wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of HEBERTON AVENUE, between a line about 188 feet north of Ann street and Richmond terrace, in the Third Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of December, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of December, 1911, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of December, 1911, at 1:30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of July, 1910, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between Heberton avenue and Broadway, where it is intersected by a line at right angles to Richmond terrace, and passing through a point on its westerly side midway between Heberton avenue and Broadway, as measured along the westerly line of Richmond terrace, and running thence northwesterly along the said line at right angles to Richmond terrace to a point distant 100 feet easterly from its easterly side; thence south-

wardly and always parallel with Richmond terrace to the intersection with a line bisecting the angle formed by the intersection of the easterly line of Heberton avenue with the northerly line of Bennett street; thence southwesterly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Heberton avenue; the said distance being measured at right angles to Heberton avenue, thence southwesterly and parallel with Heberton avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the easterly line of Heberton avenue, as laid out adjoining Bennett street, with the westerly line of Cottage place; thence southwesterly along the said bisecting line to the intersection with the prolongation of a line midway between Heberton avenue and Washington place; thence southwesterly along the said line midway between Heberton avenue and Washington place, and along the prolongation of the said line, to the intersection with the prolongation of a line midway between Heberton avenue and Decker avenue, as these streets are in use adjoining St. Mary's avenue and Catherine street, respectively; thence southwesterly along the said line midway between Heberton avenue and Decker avenue, and along the prolongation of the said line, to the intersection with the prolongation of the southerly line of St. Mary's avenue; thence westwardly along the southerly line of St. Mary's avenue, and the prolongation thereof, to the intersection with a line midway between Richmond avenue and Heberton avenue; thence northwardly along a line always midway between Richmond avenue and Heberton avenue to the intersection with a line midway between Mersereau avenue and Albion place; thence easterly along the said line midway between Mersereau avenue and Albion place to the intersection with the prolongation of a line midway between Broadway and Heberton avenue; thence northwardly along a line always midway between Broadway and Heberton avenue, and along the prolongation thereof, to the point or place of beginning.

(The lines of the streets herein referred to and which have not yet been formally incorporated upon the City map are intended to be those now in use and as commonly recognized.)

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 28th day of December, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of the reports, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 8th day of February, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, November 28, 1911.

J. HARRY TIERNAN, Chairman; DANIEL L. DRISCOLL, EDWARD R. SLATER, Commissioners of Estimate; J. HARRY TIERNAN, Commissioner of Assessment.

JOSEPH J. SQUIER, Clerk. d4,20

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereunto attached, to be sold to the highest bidder, who must pay cash or certified check, to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of \$50, the sum of \$50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances, between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Depart-

ment of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furnishings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beam-ends, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioner of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department, and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a Department, chief of a Bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below.

No bid or estimate will be considered unless as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.