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FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
CITY OF NEW YORK,
NEW YORK, January 16, 1889.

Present—President Henry D. Purroy and Commissioner Fitz John Porter.

Trial.

Engineer of steamer Daniel J. Fagan, Engine 27, "violation of Par. III., G. O. 19, O. B. C., 1881." Fined two days' pay.
Fireman 1st grade Adam J. Bollenbacher, Engine 31, "absence without leave." Fined ten days' pay and warned, etc.
Fireman 3d grade John J. Kane, Hook and Ladder 9, "absence without leave." Fined two days' pay.
Fireman 3d grade Frank Murphy, Hook and Ladder 9, "absence without leave." Fined two days' pay.
Fireman 3d grade Walter R. Ostrander, Engine 34 "violation sec. 1, Par. II., G. O. 21, O. B. C., 1881, "neglect of duty." Fined five days' pay.
Fireman 1st grade William H. Woolly, Engine 49, "absence without leave." Laid over and referred to Commissioner Porter for further investigation.
The President reported that, in consultation, the Mayor had suggested that, in view of the probable crowded condition of the city during the coming centennial celebration of the inauguration of General Washington as President of the United States, it would be wise to keep the firemen on duty in their quarters during that day, in which suggestion he stated that he concurred. Approved.

Requisitions—Expenditure Authorized.

Supplies—Superintendent of Telegraph.....	\$525 00
Articles for issue.....	342 00
Articles for new apparatus-houses.....	532 00
Materials for repairs to buildings.....	950 00
Repairs to heaters and radiators, various quarters.....	45 70
Wire window-guards, various quarters.....	79 00
Mason-work, Engine 41.....	38 00
Mason-work, quarters Chief of Department and Hook and Ladder 20.....	551 00
Calking, Engine 21.....	185 00
Calking, Hook and Ladder 3 and Water Tower 2.....	196 00
Calking, Engine 50.....	200 00
Plumbing, Engine 54.....	27 22
Plumbing, temporary quarters of Hook and Ladder 14.....	68 00
Plumbing, etc., various quarters.....	152 08
Plumbing, etc., various quarters.....	176 32
Plumbing, etc., various quarters.....	180 07
Plumbing, Engine No. 2.....	210 00
Carpenter-work, Hook and Ladder 11.....	55 00
Carpenter-work, Engine 16.....	87 00
Carpenter-work, Engine 36.....	146 00
Carpenter-work, Hook and Ladder 7.....	165 00
Carpenter-work, Engine 1.....	245 00
Carpenter-work, Water Tower No. 2.....	269 00
Painting, Hook and Ladder 12.....	15 00
Painting, Hook and Ladder 3 and Water Tower 2.....	785 00

Filed, etc.

Chairman Committee on Apparatus and Supplies—Returning requisition of the Chief of Department for articles required to equip the Department properly, approved. Approved.
Chief of Department—Forwarding specifications for apparatus and hose, for which requisition was made.
Chairman Committee on Apparatus and Telegraph—Returning request of the Foreman of Hook and Ladder 14, for permission to engage storage room for apparatus, approved by the Chief of Department, with his recommendation. Action of the President authorizing same for \$16, approved.
Chief of Department—Returning complaint of D. D. Orrell, of leakage from old headquarters into adjoining premises, with report.
Finance Department—Weekly statement of condition of appropriation.

Schedule No. 3—Bills of 1889.

Crotty, John & Co., apparatus, supplies, etc.....	\$11 69
Dahlman, I. H., ".....	300 00
Early, John & Co., ".....	142 40
Gray, J. A. & Co., ".....	35 00
Hardy, M. J., ".....	9 00
Hayward, S. F. & Co., ".....	58 00
Holmes, Booth & Haydens, ".....	300 00
Hsley, Doubleday & Co., ".....	704 16
Mooney, John, ".....	877 20
Mooney, John, ".....	1,150 94
New York Stencil Works, ".....	6 50
Otis Brothers & Co., ".....	54 00
Reid, Alexander F., ".....	25 05
Safety Insulated Wire and Cable Company, apparatus, supplies, etc.....	37 92
Stoll, R. H. & Co., ".....	35 00
Sylvester, Hilton & Co., ".....	71 09
Vandewater, W. C., ".....	51 00
Williams, H. P. & Co., ".....	15 50
	\$3,884 45

Communications, Referred, etc.

Chairman Committee on Apparatus and Telegraph—Returning report of the Superintendent of Telegraph of interference with the fire-alarm telegraph system by an electric-light company, with recommendation. Approved. To Superintendent of Telegraph with directions to present the matter to his Honor the Mayor.
Fireman 1st grade, Peter Sloan, Hook and Ladder 17—Applying for promotion to rank of Assistant Foreman. To Examining Board.
Attorney to Department—Returning a violation case of 1888, with recommendation that the complaint be dismissed, etc. To Superintendent of Buildings for file.

Filed, etc.

Chief of Department—Transmitting list of hotels inspected under the so called "rope fire-escape law." Action of the President directing the same to be forwarded to the Mayor, approved.
Same—Returning communication from Finance Department calling attention to the offer of Messrs. Winant & Son, to supply the Department with canal coal, with report of test of coal as directed. Approved. To communicate to Finance Department.
Foreman Engine 3—Reporting death of Fireman 1st grade, John Wright.
Foreman Engine 26—Reporting loss of coat-badge by Fireman 1st grade, Michael Kirwan. Fined \$5.
Foreman Engine 53—Reporting loss of coat-badge by Engineer of Steamer Thomas J. Lynch. Fined \$5.
Foreman Engine 13—Reporting recovery coat-badge lost by Fireman George W. Whelan. Action of the President remitting fine, approved.
Foreman Hook and Ladder 12—Reporting recovery of coat-badge lost by Fireman Simon G. Murray. To remit fine.
Ralph W. Kenyon, Rector Church of the Holy Sepulchre—Thanking the members of the uniformed force for the intelligence and discernment shown in putting out fire at that church.

Appointments.

Ununiformed Fireman Michael F. Hannley, to be Fireman 3d grade, February 1, 1889.
Henry Hoick, to be ununiformed Fireman, February 1, 1889.

Adjourned.

CARL JUSSEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 23, 1889, at 3 o'clock P. M.

Present—The Mayor, the Comptroller, the Commissioner of Public Works, and Commissioners Duane, Tucker, Scott and Howe.

The minutes of the special meetings of January 10 and 17, and of the adjourned meeting of January 11, and of the stated meeting of January 16, 1889, were read and approved.

The Committee of Finance and Audit reported their examination and audit of Vouchers Nos. 4297 to 4313, inclusive, being estimates for work done by contractors during the month of December, 1888; also of bills contained in Vouchers Nos. 4317 to 4333, inclusive.

On motion of Commissioner Howe, the same were approved, and ordered certified to the Comptroller for payment.

Also reported in favor of the adoption of the following preamble and resolution:
Whereas, In the opinion of the Aqueduct Commissioners, the further sum of one million dollars will be required to defray the necessary and lawful current expenditures of said Commissioners; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of one million dollars upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490 of the Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The preamble and resolution was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Commissioner of Public Works, and Commissioners Duane, Tucker, Scott and Howe—7.

The Construction or Executive Committee reported in favor of the adoption of the following resolution:

Resolved, That the action of the Chief Engineer in suspending H. M. Regua and Thomas McClure, Axemen, without pay, as their services are for the present no longer required, such suspension to date from January 28, 1889, be and the same is hereby approved; and the Chief Engineer is hereby directed to ask for their resignations.

On motion of the Comptroller, the report was laid on the table, Commissioner Scott voting in the negative.

Also presented the following report:

The Committee on Construction of the Aqueduct Commissioners have had under consideration a proposition made by W. E. Worthen to make surveys and a complete topographical map of the Croton Water-shed above the line of the proposed Quaker Bridge Dam, on a scale of three inches to the mile, on which will be accurately laid down the highways, railroad, dwellings and manufactories, streams, lakes, ponds and swamp areas, areas of woodland exceeding ten acres in extent, and the contour lines at vertical intervals of twenty feet, for the sum of \$7,000; and it appearing to the Committee that there is urgent need for such a map, and that the possession of it will be beneficial to the city, we recommend the adoption of the following resolution:

Resolved, That the proposition submitted by W. E. Worthen, dated January 22, 1889, to make the surveys and a complete topographical map of the Croton Water-shed above the line of the proposed Quaker Bridge Dam with sufficient margin beyond the crest of the shed to define the antinatural slopes, on a scale of three inches to the mile, on which will be accurately laid down the highways, railroad, dwellings and manufactories, streams, lakes, ponds and swamp areas, areas of woodland exceeding ten acres in extent, and the contour lines at vertical intervals of twenty feet, for the sum of \$7,000, be and the same is hereby accepted; providing that the size of the said map shall be six feet by four feet six inches within borders; the map covering the whole area to be delivered within one hundred days from this date, payments for the same to be made monthly on estimates of the amount of work done and delivered.

The report was approved, and the resolution adopted, by the following vote:

Affirmative—The Mayor, the Comptroller, the Commissioner of Public Works and Commissioners Duane, Tucker, Scott and Howe—7.

The Committee also presented the following communication, received from the Chief Engineer, and the accompanying communication, received from the firm of Rodgers, Shanly & Co.:

NEW YORK, December 27, 1888.

To the Honorable the Committee on Construction:

GENTLEMEN—Referring to the action of your Committee, directing me to confer with the contractors for Section 13 as to the method and expense of grouting this section, I have the honor to state that I have had several interviews with Mr. Rodgers, of the firm of Messrs. Rodgers, Shanly & Company, relative to this subject; and I herewith submit the bid of this firm for all the labor and necessary materials for the proposed work. Mr. Rodgers, of the firm, verbally informs me that the prices bid are the lowest at which his firm can undertake the work. I have carefully considered his estimate, and now recommend its acceptance by the Commission.

I am, very respectfully,

(Signed)

A. FTELEV, Chief Engineer.

NEW YORK, December 24, 1888.

Gen. JAMES C. DUANE, President, and Aqueduct Commissioners:

GENTLEMEN—In reply to a letter of the 19th, and after consultation with the Chief Engineer, we propose to furnish labor and material for grouting Section 13 of the New Croton Aqueduct, and furnish the necessary tools and materials, as follows:

We to furnish the track, cars, etc., wherever they may now be found on the work, and to place and remove them again and deliver them on top of the ground when the work is completed, at the labor prices now proposed for, as follows:

1st. Price per day for drillers.....	\$2 50
2d. Price per day for all other labor.....	2 50
3d. Price per barrel for Portland cement.....	2 50
4th. Price per barrel for sand.....	25

The foregoing prices to be in full settlement for all labor, tools and appliances of every name and nature connected with this work, as well as the unwatering of the same while the same is being done.

This estimate is based upon two shifts of ten hours each in twenty-four hours. If day labor and one shift would be preferred, the expense of the labor would be increased twenty-five cents per day upon each of the labor items.

(Signed)

Very truly yours,

RODGERS, SHANLY & CO.

And recommended the adoption of the following preambles and resolution :

Whereas, The Chief Engineer has certified to the Aqueduct Commissioners that Section 13 of the New Aqueduct has been completed in accordance with the specifications and contract, and such completion has been so certified by two special Commissions of Experts appointed by the Board of Aqueduct Commissioners ; and

Whereas, The Chief Engineer has reported to the Board of Commissioners that it is desirable, by way of greater precaution against leakage, that the whole section should be thoroughly grouted ; and

Whereas, The Aqueduct at the points covered by said Section 13 will be under heavy pressure, and will be in many places of a higher grade than the cellars of buildings in the immediate vicinity, whereby, if there should be any leakage, great damage might result to said buildings, for which the City of New York would be liable ; and

Whereas, Notwithstanding the completion of said section according to the contract and specifications therefor, it is possible that, by reason of unavoidable shrinkage in the masonry, there may be cavities which should be filled in order to make said section of said Aqueduct absolutely watertight ; therefore

Resolved, That the proposition submitted by Rodgers, Shanly & Co. to do the grouting referred to in their communication of December 24, 1888, on Section 13 of the New Aqueduct, be and the same is hereby accepted ; and the Chief Engineer is hereby directed to cause grouting to be done on said Section 13, in accordance with the proposition so submitted by Rodgers, Shanly & Co., and this day approved and accepted by the Aqueduct Commissioners ; provided that in no case shall the total amount to be paid under said contract exceed the sum of \$5,000.

The report was approved, and the preambles and resolution adopted, by the following vote :

Affirmative—The Commissioner of Public Works, Commissioners Duane, Tucker, Scott and Howe—5 ; the Mayor and the Comptroller not voting.

The Comptroller also presented the following communication, received from the Chief Engineer, with accompanying communication, received from the firm of O'Brien & Clark :

NEW YORK, January 16, 1889.

To the Honorable the Committee on Construction :

GENTLEMEN—I have the honor to submit herewith the proposal of Messrs. O'Brien & Clark to do all the grouting that may be ordered by the Chief Engineer at and about Stations 1068 and 1069, south of Shaft 17½ of the New Aqueduct.

Their proposal is, in my opinion, a reasonable one, and I recommend its acceptance.

(Signed) I am, very respectfully,
A. FTELEY, Chief Engineer.

NEW YORK, January 15, 1889.

Gen. JAMES C. DUANE, President, Aqueduct Commissioners :

DEAR SIR—We hereby offer to do all the grouting that may be ordered by the Chief Engineer at and about Stations 1068 and 1069, south of Shaft 17½ of the New Aqueduct, to furnish all labor, cement, sand and all other material, tracks, pumps, steel for drilling, fuel and all other necessary tools and appliances, including removal of the same. And we further agree to receive in full compensation for doing all the work and furnishing all the labor and materials herein specified, complete to the satisfaction of the Engineer, the price of \$2.50 per barrel of cement to be used in the work ; the cement to be Akron Obelisk, of a quality satisfactory to the Engineer, the Aqueduct Commissioners to be given all facilities to check the number of barrels of cement used.

(Signed) O'BRIEN & CLARK.

NEW YORK, January 22, 1889.

To the Honorable the Committee on Construction :

GENTLEMEN—My communication of January 16, 1889, in which I recommend the acceptance of the offer of Messrs. O'Brien & Clark to do some grouting work south of Shaft 17½, refers to a portion of the Aqueduct where a serious cave-in took place, leaving a heavy weight on the top of the Aqueduct and possibly some cavities in the superincumbent material. This part of the excavation was supported by timber, which, owing to the unstable condition of the ground, could not be removed and the masonry built up to the lagging, leaving unavoidably, outside of the side walls, vacancies, which, in case of a fall of material overhead, might allow a movement of the side walls, and a consequent injury to the arch. The work proposed consists in injecting some grout behind the lagging into those vacant spaces to such a height as will secure beyond question the stability of the arch. This work could not be performed under the requirements of the contract for Section 8.

(Signed) Respectfully yours,
A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolution :

Resolved, That the proposition submitted by O'Brien & Clark to do the work referred to in their communication of January 15, 1889, at or near Shaft 17½ of the New Aqueduct, be and the same is hereby accepted ; and the Chief Engineer is hereby directed to cause grouting to be done at or about Stations 1068 and 1069, south of Shaft 17½, on Section 8 of the New Aqueduct, and which shall be, in addition to the grouting now being done by the contractors in the way of repairs on said section, in accordance with the proposition submitted by O'Brien & Clark, and this day approved and accepted by the Aqueduct Commissioners ; provided, that in no case shall the total amount to be paid under said contract exceed the sum of \$5,000.

On motion of Commissioner Scott, the report and the subject-matter thereof was referred back to the Construction or Executive Committee.

Also reported in favor of the adoption of the following resolutions :

Resolved, That the action of the Chief Engineer in arranging for two additional Diamond Drill Crews, to consist of the following-named persons, viz. : George A. Hammond, promoted from First Helper, at \$70 per month, to Foreman, in charge of drill outfit, at \$100 per month ; Michael Tierney, promoted from Second Helper, at \$65 per month, to Assistant Foreman, at \$90 per month ; Thomas Silver, appointed First Helper, at \$65 per month ; George Wilson and Michael Fletcher, appointed Firemen, at \$65 per month ; and seven Laborers at \$2 per day ; and who have been selected from the crew now operating at the proposed Quaker Bridge Dam site, and by such other appointments and promotions as were found necessary to complete the same, be and the same is hereby approved.

Resolved, That inasmuch as a horse has been placed at the disposal of the Engineers in charge of the work at Titicus Basin, free of all charge, for the use of the same, that an appropriation of not to exceed \$20 per month be and the same is hereby made to provide for the expense of keeping the said horse.

Resolved, That authority be and the same is hereby given to the Chief Engineer to provide for one or two rooms to be used as an office by the Engineers in charge of the work on the Titicus Basin.

The resolutions were adopted by the following vote :

Affirmative—The Mayor, the Comptroller, the Commissioner of Public Works and Commissioners Duane, Scott and Howe—7.

Also reported in favor of the adoption of the following resolution :

Resolved, That upon the recommendation of the Chief Engineer, T. H. Slavin, John Costello, J. F. Sweeney and E. H. Best, recently employed as Inspectors of Masonry, are hereby dismissed from the service of the Aqueduct Commission for the reason that they have refused to sign the agreement required by the rules and regulations defining the duties of Inspectors and Superintending Inspectors on the New Aqueduct.

On motion of Commissioner Howe, the resolution was adopted.

Also reported in favor of the adoption of the following resolution :

Resolved, That upon the recommendation of the Chief Engineer an appropriation of \$1,400 be and the same is hereby made to cover the cost of printing one thousand (1,000) copies of the reports concerning the construction of the Quaker Bridge Dam, and for binding five hundred (500) copies of the same.

On motion of Commissioner Scott, the resolution was referred to the Comptroller for examination and report.

Also presented the following opinion received from the Counsel to the Corporation :

LAW DEPARTMENT,
OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, January 16, 1889.

Hon. JAMES C. DUANE, President, Aqueduct Commission :

SIR—I am in receipt of your communication of the 4th instant, transmitting to me a letter dated January 3, 1889, addressed to you by the Comptroller, referring to an estimate in favor of Breuchaud, Pennell & Co., for an iron-lined masonry aqueduct near Shaft 30 of the New Aqueduct, calling your attention to the allowance made on said estimate as for "220 cubic yards of brick masonry laid in Portland cement mortar, mixed in the proportion of one part of cement to two parts of sand, including all plastering and pointing of the same, all centres, forms, etc., and all incidental work."

The Comptroller states that in point of fact no brick masonry was, at the date of such estimate, actually so laid, the contractors having delivered only certain quantities of materials, stated in said estimate as 600 cubic yards of sand and 450,000 brick, which have been estimated as the equivalent of completed work. He questions the propriety of basing the partial payments, provided for in the contract, upon materials laid upon the ground by the contractor for the purpose of constructing the masonry of the aqueduct in conformity with the plans and specifications, and suggests a re-examination by the Aqueduct Commissioners of the estimate.

You state that the point of the Comptroller's objection appears to be that the contract contains no price for materials delivered, but simply a price for certain classes of work done and materials furnished ; that you are informed by the Chief Engineer that it has been the constant custom of the

Aqueduct Engineers, under contracts containing such a clause as this, where the materials have been furnished, but not actually put in the work, to allow for the materials so furnished by reducing them to their equivalent proportion of completed work and estimating on that basis. Also, that in the particular case now before me for my opinion, you are informed by the Chief Engineer that the large quantity of brick and sand now upon the work in process of actual construction was put there in pursuance of his order to the contractors to provide for an ample supply before the close of navigation, in order that the work in the tunnel should not be delayed during the winter for lack of material wherewith to lay the masonry.

You also state that if this custom is unlawful or improper, it is important that the Commissioners should be promptly notified of the fact, as it is one which has been constantly ordered, and payments upon estimates made up in this way for large amounts have been made to the contractors.

Accompanying the Comptroller's letter is the monthly estimate, made up and certified to by the Chief Engineer, containing the following particulars :

From November 1, 1888, to November 30, 1888.

Approximate quantities measured and estimated for above month :

600 cubic yards of sand ; 450,000 brick delivered.

Approximate quantities reduced to their equivalent completed work : 220. Total quantities estimated to date, including present estimates, 220 cubic yards.

Brick masonry, laid in Portland cement mortar, mixed in the proportion of one part of cement to two parts of sand, including all plastering and pointing of the same, all centres, forms, etc., and all incidental work, \$18.00.

Monthly amounts, \$3,960.00.

Total amounts, \$3,960.00.

At the foot of the estimate is a memorandum, as follows :

"Estimated as per Clause T of the contract :

"600 cubic yards sand delivered, at \$1.35 per cubic yard. \$810 00

"450,000 brick delivered, at \$7 M. 3,150 00"

The contract in question is stated to be for iron-lined masonry aqueduct near Shaft 30 of the New Aqueduct, and provides for the construction of the entire work according to the contract plans and specifications, at a sum measured by the prices expressed in the contract for eight distinct items of work, viz. :

(a) For brick masonry, laid in Portland cement mortar, mixed in the proportion of one part of cement to two parts of sand, including all plastering and pointing of the same, all centres, forms, etc., and all incidental work, per cubic yard, the sum of (\$18) eighteen dollars.

(b) For rubble stone masonry, laid in Portland cement mortar, mixed in the proportion of one part of cement to two parts of sand, including all incidental work, per cubic yard, the sum of (\$7) seven dollars.

(c) For concrete masonry in place, formed of five parts of broken stone to one part of cement, and made with Portland cement mortar, mixed in the proportion of one part of cement to two parts of sand, including all incidental work, per cubic yard, the sum of (\$6) six dollars.

(d) For shaft filling put in place near work, per cubic yard, the sum of (\$0.40) forty cents.

(e) For all iron put in the work, including furnishing, fitting, laying, centering, forms, joint work, and all materials for such joints, together with all the work incidental thereto, per ton of 2,000 pounds, the sum of (\$100) one hundred dollars.

(f) For earth excavation, including all incidental work, the sum of (\$0.45) forty-five cents.

(g) For excavating tunnel, to be trimmed, retrimmed, supported, drained and maintained, per lineal foot, the sum of (\$20) twenty dollars.

(h) For furnishing all labor, materials, tools, implements, machinery, appliances and buildings for the proper conduct of the work at and in Shaft 30, all pumping, bailing, draining, supporting and maintaining the said shaft and adjacent tunnel, and for clearing the ground in the vicinity of Shaft 30 of all refuse, buildings, machinery, etc., the sum of (\$4,500) four thousand five hundred dollars."

Section T of the contract provides for partial payments to the contractor for the purpose of enabling him to prosecute the work advantageously, and specifies the manner in which the amounts of such payments shall be ascertained, as follows :

"In order to enable the said contractor to prosecute the work advantageously, the Engineer shall, once a month, on or about the last day of each month, make an estimate in writing of the amount of work done and materials delivered, and of the value thereof, according to the terms of this contract. The first such estimate shall be of the amount or quantity and value of the work done and material delivered since the parties of the second part commenced the performance of this contract on their part, and every subsequent estimate (except the final one) shall be of the amount or quantity and value of the work done since the last preceding estimate was made, and such estimates of amount and quantity shall not be required to be made by strict measurement or with exactness, but they may, at the option of said Engineer, be approximate only. Upon each such estimate being made the parties of the first part will pay to the parties of the second part ninety per cent. of such estimate only."

It will be perceived that the estimates, upon the basis of which these payments are to be made, are predicated upon work done, materials delivered, and their value to be determined according to the terms of the contract. In all these particulars, therefore, the provision in question must be regarded as subordinate to all of the other stipulations contained in the contract, and the work and materials estimated for must be work done strictly in conformity with the contract plans and specifications, materials delivered in like conformity and values to be determined according to such standards as may be prescribed in the contract ; or, in other words, pursuant to the specified prices agreed to be paid for the various items into which the entire work has been subdivided, for the purpose of providing a definite and exact measurement of the price to be paid by the City for the entire work. It is plain that the manner of making these monthly estimates does not differ in principle from that required by the contract in the case of the final certificate, intended to definitely and exactly determine the value of the completed work. Section T of the contract, in this regard, provides as follows :

"And whenever, in the opinion of the Engineer, the parties of the second part shall have completely performed this contract on their part, the said Engineer shall so certify in writing to the Aqueduct Commissioners, and in his certificate shall state from actual measurements the whole amount of the work done by the said parties of the second part and also the value of such work under and according to the terms of this contract."

The only difference between the two classes of certificates is that the monthly estimates are not required to be made by strict measurement, but may be approximate only, whereas, in the final certificate the measurement must be definite and exact, the whole amount of work done must be positively ascertained and certified to, and these particulars being ascertained, the value of such work must be computed according to the terms of the contract, that is, by the application of the prices specified for each item to the extent of the work actually done classified under such items.

This, unquestionably, being the only construction which can be given to the clause of Section T, relating to the final certificate, and the same phraseology being used in reference to ascertaining the value of the work estimated upon or certified to for the monthly estimates, it would seem inevitably to follow that the only values which can be determined upon the monthly estimates are those which are susceptible of being measured by some one of the specified items of work which I have quoted from the contract. The Aqueduct Commissioners seem to have recognized the necessity of making up their monthly estimates according to this rule, for, in the case of the estimate now before me, while it is conceded that no work has been done or materials furnished which may be appropriately assigned to an entire item in the schedule of itemized prices, a process has been gone through by which the sand and bricks laid down by the contractor on the line of the work, for ultimate use in the work, have been reduced to an arithmetical equivalent of a certain number of cubic yards of brick masonry laid in Portland cement mortar, etc., in ipissimis verbis of item (a) of the contract, for which the sum of \$18 per cubic yard is agreed to be paid ; and at that rate and under this title or description of work, an amount of \$3,960 is estimated as the value to be paid on account of the supposed delivery of the sand, bricks, etc., in question.

I fail to find any provision contained in the contract which justifies so radical a departure from its carefully framed provisions, which plainly contemplate that all prices to be paid should be definitely expressed in the contract itself. Upon this point nothing was to be left to conjecture or differences of opinion upon questions of value, but the amount of work having been ascertained upon measurements and actual calculations, the prices provided to be paid in the contract for the various classes of work done were intended to be applied by arithmetical computation to the work so done, and the exact amount of the city's liability under the contract determined by rule, and not by conjecture.

The note at the foot of the estimate, which I have above quoted shows that it was essential to go outside of the contract prices and place some conjectural value upon the sand and bricks, upon the so called delivery of which the estimate is predicated. The difficulty experienced in making up the estimate upon the theory adopted and the necessity for determining values in the manner and according to the standards not provided for in the contract, seems in itself to be a sufficient demonstration of the fallacy of the theory. The method adopted in making up these estimates seems to have resulted from a misconception of the import of the phrase "amount of work done and materials delivered" as we find it used in Clause T. "Work done," does not mean the mere physical labor of the construction, but rather imports the results of such labor. It refers to completed portions of the structure itself which are the result of the intellectual conception embodied in the plan—the labor in adapting the material required to be used in giving concrete existence to the plan, and the material necessary for such purpose. This is the "work" for which the City contracts. The various elements which enter into it are inseparable, and the "work," so far as such elements are concerned, is indivisible. The City in no proper sense contracts for any one of these elements, but solely for the result, of which such elements are means to an end. All of these means the contract makes it the duty of the contractor to supply at his own expense, and until they have been not only supplied but also adapted to the purposes of their use in such a way as to satisfactorily embody in structural form the plan of the work, which it is the purpose of the contract to

carry out, the City owes nothing to the contractor. It has no claim to or interest in, and therefore is not liable to the contractor for the labor and material essential to produce the result for which alone it has bargained. It is to be remembered that the obligation laid upon the City to make the monthly estimates which are provided for in Section T of the contract imports a right on the part of the contractor to have them made. The power of the Commissioners therefore in causing them to be made is exactly measured by the extent of the contractor's right—it can be neither greater nor less. It would certainly seem to be a startling proposition to maintain that the contractor might lay down upon the line of the work large quantities of material intended for use in connection therewith, but which, in point of fact, it is possible may never be used in the structure, and then, before laying one brick upon another, have the right to insist upon payment to him of ninety per cent. of the value thereof, to be ascertained by the Chief Engineer according to his best judgment as to what such value may be. Certainly this theory seems at variance with the policy which the contract so clearly indicates that the fixed prices adjusted to specific items which it expresses shall be the exclusive standards of value by which the contractor shall be paid.

The construction upon which the estimate in question has been based seems not only to be opposed to the general intent of the contract, but in the case of the particular item for brick masonry under which said estimate has been made, we find a positive and specific provision which seems to prohibit any independent estimate of value for materials entering into this, as well as any other of the classes of masonry provided for. The stipulation in question is found under Subdivision 9 of Section F of the specifications, and reads as follows:

"The prices herein stipulated for the various classes of masonry are to cover the cost of furnishing all materials, labor, centering, scaffolding, etc., and are to be measured and paid for by the actual cubical contents of masonry constructed per cubic yard."

Stronger language could scarcely be found with which more clearly to negative the proposition that the materials, such as brick and sand, entering into any class of masonry, can lawfully be paid for in any other way than by the measurement of the actual cubical contents of duly constructed masonry, into which such materials have entered, and then only according to the prices stipulated in the contract to be paid per cubic yard for such class of masonry.

This stipulation, read in connection with Item A (providing that the sum of \$18 should be paid for brick masonry laid in Portland cement mortar mixed in the proportion of one part of cement to two parts of sand, including all plastering and pointing of the same, all centres, forms, etc., and all incidental work), expresses the only rule which determines the character of the work for which the City binds itself to pay and the rate at which such payment must be made. The item and price attached thereto are indivisible, and payment under such item must be made only where the facts are responsive to all of its requirements.

The provisions of Section 3, in regard to monthly estimates, are subordinate to the other stipulations of the contract, and are intended not to make any change in the methods of ascertaining the value of work done, elsewhere prescribed, but solely to provide for a system of partial payments for work actually done according to prices specified in the contract, for the accommodation of the contractor and to relieve him from the onerous burden of waiting for his compensation until the entire work shall have been completed.

I think the words "material delivered" were intended either to refer to some item of the contract where provision is made for the payment of a sum of money for furnishing materials, etc., such as item H, of Section O, or were used, as they frequently are in legal parlance, in connection with the words "the amount of work done," which precede them, to signify in rounded phrase the result, of which they formed the constituent elements. If this be not so, then we must hold that the words "work done" are used in the comprehensive sense of including both labor and materials, and therefore apply to masonry and other constructed portions of the work. If, therefore, the words "and materials delivered" include those which are to enter into masonry, as must be contended in order to sustain the principle upon which the estimate in question has been made up, we find ourselves in the position of having the same kind of material liable to be estimated and paid for in two radically different ways and according to two opposing theories. No construction which produces such results would, in my opinion, be sustained by the Courts. Another objection to the theory advanced in support of the estimate arises when we come to consider the title which the City might be able to assert to the materials paid for in the manner proposed. If they are to be estimated upon and paid for by the City, they should logically become the property of and belong to the City; but where can any provision in the contract be found which either requires the contractor to supply or sell to the City material of the character referred to in the estimates, or which makes it the duty of the City to receive and pay for it solely as material unincorporated in the work itself? The agreement of the contractor is that he will construct a certain piece of work; that of the City is that it will pay the contractor for such work, provided it is completed according to the contract, plans and specifications; and for the purpose of determining the price to be paid, provision is made for a classification of the details of the work under certain subdivisions, and it is agreed that for each class of work a certain price shall be paid according to a stated unit of measurement. The materials in question do not form an independent item, but enter as an element into one of those items; nor does the contract even become in any sense divisible by reason of this separate classification of items of work. A failure on the part of the contractor to perform any portion of the work under any one classification becomes a breach of the entire contract, and affects as much his right to recover for all other classes of work as it does for that in reference to which the particular breach of contract has taken place. It is the completed structure for which the City is contracting and of which it is to become the owner. The uncombined materials are neither what it desires, contracts for, or for which it should be made responsible.

The City, therefore, not in any sense being the purchaser of such material under the terms of the contract, a serious question would arise should payment be made under the estimate in question, as to whether the title to the brick and sand, to which it refers, would pass to the City or not. Under ordinary circumstances, all of such material is the property of the contractor, and continues to be such until after it is incorporated in the structure of the Aqueduct. In no other way can it properly be considered as "delivered" to the City. As it does not seem to have been intended by the contract that the title to such material should vest otherwise than as I have described, the City, after having made this payment, might find itself without title to the material upon which the payment was based, and subject, therefore, to the risk of losing the money paid by reason of claims which might be successfully asserted by creditors of the contractor to such material, or to the removal of the same, under the processes of the Courts.

Whether the City might not be able to protect itself by the assertion of a claim to or upon the property upon some equitable principle or other theory adopted to prevent injustice it is needless to speculate about. The suggestion of the doubt as to its legal rights answers the purpose of illustrating the error of a construction which reflects doubts and difficulties where another can be found which is clear, consistent with the contract in all its parts, and adequate to the protection of all interests.

An examination of the various contracts which have been entered into for the construction of the New Aqueduct shows that, except in three or four at most, the section which provides for partial payments requires such payments to be made on an estimate of "work done" only, although they contain provisions for brick masonry, rubble-stone masonry, and concrete masonry, in form similar to items of like character in the contract now before me, and which, of course, necessitate in like manner the use of sand, brick and cement. If a comparison of all these contracts be permissible, for the purpose of explaining the significance of the phrase "work done and materials delivered," found in but three or four of them, it would certainly add to the difficulties of the contention that the words "materials delivered" referred to such as enter as constituents into the various classes of masonry provided for.

After a careful examination of the question, and with a full appreciation of its importance, I am satisfied that the whole tenor of the contract is opposed to the theory that the City is to have delivered to it and become the owner of the brick, sand and other elements that go to make up what is described in the contract as "brick masonry" in any other way or under any other circumstances than as the same may ultimately become incorporated into the one and indivisible thing which expresses the form and substance of a portion of the designed structure.

When thus employed and adapted they fall, in their new relations, within the item of work to which they naturally belong, which is specifically described in the contract itself, and to which its appropriate price is attached, which thus measures with exactness and by contract rule what the City is to pay and the contractor is entitled to receive, whether it be on a final or a partial payment.

I am, therefore, of the opinion and advise you that the Engineer has no power to predicate an estimate for a monthly payment upon materials which are to enter into the construction of masonry, but which have not been used for that purpose; and that such estimates should be based upon work actually done which comprehends all the details of some item of price, and should be valued at the price attached to such items.

(Signed) Yours, respectfully,
HENRY R. BEEKMAN, Counsel to the Corporation.

The Secretary gave notice of the filing of a lien by D. M. Carey & Co., against O'Brien & Clark, contractors, for work done and materials furnished by them in the construction of Shaft No. 13 of the New Croton Aqueduct, under contract to said O'Brien & Clark.

On motion of Commissioner Scott, the same was ordered filed.

The Commissioners then adjourned.

JOHN C. SHEEHAN, Secretary.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Thursday, January 24, 1889, at 11 o'clock A. M.

Present—The Commissioner of Public Works and Commissioners Duane, Scott and Howe.

The hearing in the matter of the charges preferred against Edward R. Scott, Inspector of Masonry, adjourned to this day, was then continued.

John Kelly, Superintending Inspector on Division No. 5, was sworn, and examined by Mr. Roger Foster.

John Mullin and Andrew Peddie, suspended Inspectors of Masonry, were also sworn, and examined at length by Mr. Foster; and the evidence taken was recorded in full by the official stenographer.

After which, on motion of Commissioner Howe, the further hearing was adjourned to Thursday, January 31, 1889, at 11 o'clock A. M.

The Commissioners then adjourned.

JOHN C. SHEEHAN, Secretary.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Thursday, January 24, 1889, at 2.30 o'clock P. M.

Present—Commissioners Duane, Tucker, Scott and Howe.

The hearing in the matter of the charges against George J. Green, Inspector of Masonry, was then taken up.

Alfred Craven, Division Engineer, was sworn and examined by Commissioner Scott.

George J. Green was then sworn and examined, and also Assistant Engineer Gaylord Thompson, and their testimony was recorded in full by the official stenographer.

Whereupon, on motion of Commissioner Scott, it was decided to present the evidence and proceedings to the Commissioners at their next meeting.

The Commissioners then adjourned.

JOHN C. SHEEHAN, Secretary.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Friday, January 25, 1889, at 11 o'clock A. M.

Present—Commissioners Scott and Howe.

In the absence of the Secretary, Auditor J. C. Lulley was appointed Secretary pro tem.

There being no quorum of the Commissioners present, the public hearing on the question of the construction of the Quaker Bridge Dam, adjourned to this day, was indefinitely postponed, no opposition being made to such postponement by those present opposing the construction of said dam.

J. C. LULLEY, Secretary pro tem.

NOTE.—Judge James C. Spencer, Messrs. O. B. Potter, W. H. Webb and others, opposing the construction of the Quaker Bridge Dam, were present; and Judge Spencer asked and received permission to file a paper relating to the construction of the same.

J. C. LULLEY, Secretary pro tem.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, January 30, 1889, at 3 o'clock P. M.

Present—The Comptroller, the Commissioner of Public Works, and Commissioners Duane, Tucker, Scott, and Howe.

On motion of the Comptroller, the reading of the minutes of the last meeting was dispensed with at this time.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 4339 to 4369, inclusive, amounting to \$8,142.90.

On motion of Commissioner Howe, the same were approved and ordered [certified to the Comptroller for payment.

The Committee also submitted the following report:

NEW YORK, January 30, 1889.

To the Aqueduct Commissioners:

GENTLEMEN—The Committee of Finance and Audit to whom were referred the bids and checks received: For furnishing all the labor and materials necessary for clearing and removing all timber, etc., etc., from the lands that are required for the purpose of locating thereon the East Branch Reservoir, etc., in the town of Southeast, Putnam County, N. Y., report that they have examined the same and find that the checks and bills received as security deposits, amounting to \$900, were correct, and the amount so received has been transmitted to the Comptroller and the receipt therefor is on file with the Commissioners.

The bids were found correct as to their formality, with the exception of Bid No. 2, of E. T. Eggleston and Thomas Coyle, the affidavit to which was not signed and sworn to by both bidders as required. The sureties proposed by the bidders appear to be sufficient.

Respectfully submitted,

WALTER HOWE, Chairman.

On motion of Commissioner Scott, the same was approved.

The Construction or Executive Committee reported in favor of the adoption of the following resolution:

Resolved, That upon the recommendation of the Chief Engineer and Division Engineer Wegmann, S. Bayard Fish, Jr., now employed as an Axeman on the New Aqueduct, be certified to the Civil Service Commission for examination for promotion to the position of Leveler.

On motion of the Comptroller, the resolution was adopted.

The Committee also reported in favor of the adoption of the following resolution:

Resolved, That upon the recommendation of the Chief Engineer and Division Engineer Gowen, Inspector of Masonry Joseph R. Swain is hereby granted a leave of absence, without pay, for a period of thirty days.

On motion of the Commissioner of Public Works, the resolution was adopted.

The Committee also submitted the following report:

The Construction or Executive Committee report that they have considered and examined the several bids submitted for clearing and removing timber, brush, etc., from the lands required for the purpose of locating thereon the East Branch Reservoir on the East Branch of the Croton river, and on Bog brook; and that in consequence of the large difference in the amount of the several bids, and in consequence of the further fact that the smallest bid received was considerably in excess of the estimated expense of doing said work, the Committee have delayed recommending action upon said bids until the present time. In the meantime the Committee have caused inquiries to be made both by the Chief Engineer and the Division Engineer in charge of the building of the Sodom Dam, and have ascertained from their reports that no person can be found who is willing to contract or agree to do the work provided for by said contract for a less sum than the smallest sum bidden for the same. The reason stated to the Engineers, by persons to whom they have applied, is that the material to be taken from said land will be of practically little value to the person holding said contract.

The Construction Committee is, therefore, satisfied that to reject all bids and readvertise would result in larger rather than smaller bids for doing said work, and therefore recommend the adoption of the following resolution:

Resolved, That upon the recommendation of the Chief Engineer, the contract for cutting timber and clearing grounds for reservoirs on the East Branch of the Croton river and on Bog brook, in the town of Southeast, Putnam County, New York, be and the same is hereby awarded to William Mack at his bid of \$11,000, it being the lowest bid received for doing said work.

On motion of the Comptroller, the report was approved and the resolution adopted by the following vote:

Affirmative—The Comptroller, the Commissioner of Public Works, and Commissioners Duane, Tucker, Scott and Howe—6.

The Committee also presented the following opinion received from the Counsel to the Corporation, and addressed to Commissioner Scott:

LAW DEPARTMENT,
OFFICE OF THE COUNSEL TO THE CORPORATION,
NEW YORK, January 28, 1889.

Hon. FRANCIS M. SCOTT, Aqueduct Commissioner:

SIR—I have received your letter, dated January 7, 1889, enclosing a diagram showing the temporary change of track of the New York City and Northern Railroad, said to have been rendered necessary by the construction of the Aqueduct. Your letter is a reply to mine of December 4 last, in which, before answering your earlier letter of November 19, you requested advice as to the bill of Joel B. Erhardt, late receiver of the New York City and Northern Railroad Company, for expenses incurred by him and claimed to have been necessitated by the construction under the railroad of the New Aqueduct at Aqueduct Station. I asked for a report, and if needful in explanation, a diagram showing the extent and nature of the work done by the receiver.

In your letter of January 7, enclosing a diagram, you say that you have no information relative to the claim except such as is contained in the papers filed by Mr. A. H. Holmes, the attorney for the receiver, and you call my attention to the fact that, according to Mr. Holmes' affidavit the whole matter was one apparently arranged between the company and the then Chief Engineer, and that no action was taken by the Commissioners on the subject.

You also suggest that the matter of damage, if any, sustained by the company should be determined by the Commissioners of Appraisal under section 18 of the Aqueduct Act, and paid by way of award upon a report made by them.

The claim is undoubtedly one of which those Commissioners have jurisdiction, especially in view of the broad definition given to the term "real estate" as used in the act (see section 24).

A question, however, arises whether at this date the receiver would be entitled as matter of right to offer testimony and to be heard before the Commissioners touching his claim and the compensation proper to be made, a statement of the claim not having been exhibited to the Commissioners within four years after their appointment (section 18 of the act as amended by Laws of 1888, chapter 419). The Westchester Section Commissioners who have jurisdiction in this case having been appointed by order of Court, dated October 11, 1884, the four years' limitation therefore expired in October last. Within that period no statement of the claim was exhibited to the Commissioners, unless an order of Court permitting the receiver to present the claim filed with the Commissioners, can be taken as a sufficient compliance with the requirement of the statute in this respect.

However it may be as to the right of the receiver to offer testimony and to be heard, the Westchester Commissioners of Appraisal are bound to ascertain and determine the compensation to be made to the owners or the persons interested in the real estate laid down on the property map before them as sought to be acquired whether the owners or persons interested are known or not (sections 11, 12 and 17 of the act). As the line of the railroad at its intersection with the line of the Aqueduct is laid down on such map as real estate sought to be acquired by the proceedings, and as the definition given to the term "real estate" by section 24 of the act covers a claim of the character of that now presented by the receiver, I concur in your suggestion that the matter of damage, if any, sustained by the company should be determined by the Commissioners, and paid by way of award upon a report made by them.

In view of the statutory limitation, I do not think that the receiver can now insist on being heard by the Commissioners, but the latter in determining, as it is their duty to do, the compensation to be made, no doubt are at liberty, if they see fit in their discretion, to receive testimony from the receiver which will aid them in reaching a determination.

I shall accordingly transmit the papers filed by Mr. Holmes and the diagram sent me by you to the Commissioners of Appraisal, Westchester Section, with a copy of this letter; and you may notify Mr. Holmes to that effect, so that the receiver may take such action as he may be advised.

I am, sir, very respectfully yours,
(Signed) HENRY R. BEEKMAN, Counsel to the Corporation.

On motion of Commissioner Howe, the same was ordered spread in full on the minutes and referred back to the Construction or Executive Committee.

The Chief Engineer presented the following communication:

NEW YORK, January 30, 1889.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN—In connection with the making of the final cross-section sheets of the Aqueduct tunnel, the importance of which for the final estimates is well known to your committee, I respectfully and earnestly recommend that one or more duplicates of the said sheets should be procured.

I need not comment on the value of such duplicates in case of destruction of the original or in case of litigation, and in view of the desirability of leaving these records in the hands of those who will in the future have charge of the Aqueduct. I have procured prices from the various firms and submit the following estimates:

Estimates Based Upon the 18,000 Originals.

DESCRIPTION.	NO. OF COPIES OF EACH ORIGINAL.				
	1.	2.	3.	4.	5.
A. Blue print, chemical process (white line on blue ground).....	\$2,500 00	\$5,040 00	\$7,560 00	\$10,080 00	\$11,600 00
B. Bromide process (white line on brown ground), total cost.....	13,500 00	27,000 00	40,500 00	54,000 00	67,500 00
C. Photographic sun process (dark blue line on light blue ground, total cost.....	9,000 00	9,900 00	10,800 00	11,700 00	12,600 00
D. Photo-lithographic (black line on white ground), total cost.....	12,600 00	12,600 00	12,600 00	12,600 00	12,600 00
D. Photo-lithographic process, 25 copies, cost.....	12,600 00	12,600 00	12,600 00	12,600 00	12,600 00

I am, respectfully,
(Signed) A. FTELEY, Chief Engineer.

On motion of Commissioner Scott, the communication was ordered spread in full on the minutes, and the same, together with the subject matter thereof, was referred to the Comptroller for examination and report thereon.

The Comptroller, under date of January 26, 1889, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for
Manhattan Island section, additional lands..... \$135,030 12
Manhattan Island Section..... 174 00
New York Section..... 180 00
Westchester County Section..... 4,065 43
Solom Dam and Reservoirs..... 593 13
— which were ordered entered upon the books of the Commission and filed.

The Commissioners then adjourned.

JOHN C. SHEEHAN, Secretary.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Thursday, January 31, 1889, at 11 o'clock A. M.

Present—Commissioners Duane, Tucker, Scott and Howe.

The hearing in the matter of the charges preferred against Inspector of Masonry Edward R. Scott, adjourned to this day, was then continued.

Mr. Scott appeared by Roger Foster, Esq., his attorney.

Inspector of Masonry M. J. Storen and Deputy Chief Engineer George S. Rice, of the Aqueduct Commission, were sworn and examined by Mr. Foster.

Thomas J. Fallon, John Mullen and John Boyle, suspended Inspectors of Masonry, were also sworn, and examined by Mr. Foster.

Edward R. Scott was then sworn, and examined at length in his own defense, and the evidence taken recorded in full by the official stenographer.

J. C. Lulley, Auditor of the Aqueduct Commissioners, was also sworn, and examined by Mr. Foster; after which, on motion of Commissioner Howe, the further hearing was adjourned to Thursday, February 7, 1889, at 11 o'clock A. M.

The Commissioners then adjourned.

JOHN C. SHEEHAN, Secretary.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE, NO. 31 CHAMBERS STREET,
NEW YORK, February 9, 1889.

In accordance with the provisions of section 51 of chapter 410 of the Laws of 1882, the Department of Public Works makes the following report of its transactions for the week ending February 2, 1889, viz.:

Public Moneys Received during the Week.

For Croton water rents.....	\$21,375 81
For penalties on water rents.....	157 80
For tapping Croton pipes.....	134 00
For sewer permits.....	596 73
For restoring and repaving—Special Fund.....	525 00
For redemption of obstructions seized.....	51 00
For vault permits.....	186 25
Total.....	\$23,027 09

Public Lamps.

- 1 new lamp lighted.
- 5 old lamps relighted.
- 2 lamps discontinued.
- 3 lamp-posts removed.
- 4 lamp-posts reset.
- 2 columns refitted.
- 4 columns releaded.

Report of Photometrical Examinations of Illuminating Gas, for the week ending February 2, 1889, made at the Photometrical Rooms of the Department of Public Works.

DATE.	TIME.	Thermometer.	Barometer.	GAS COMPANY.	BURNER.	Pressure as Delivered to Burner.	Consumption of Gas, Rate per hour.	Consumption of Candle, Grs. per hour.	ILLUMINATING POWER.	
									Observed.	Corrected.
Jan. 28	3 P. M.	72.	29.37	{ Consolidated, } { Branch 2.. }	Empire 5 ft.....	.60	5.00	126.0	19.26	20.22
" 29	5 P. M.	70.	29.69	"	"	.60	5.00	126.0	19.14	20.10
" 30	2.30 P. M.	72.	30.17	"	"	.60	5.00	121.2	20.04	20.24
" 31	4.30 P. M.	75.	29.91	"	"	.60	5.00	120.0	20.38	20.38
Feb. 1	3 P. M.	71.	30.03	"	"	.60	5.00	123.0	19.36	19.84
" 2	5.30 P. M.	70.	29.80	"	"	.60	5.00	120.0	20.02	20.02
									Average.	20.13
Jan. 28	3.30 P. M.	72.	29.37	{ Consolidated, } { Branch 1.. }	Bray's Slit Union, 7	.88	5.00	125.4	23.58	24.64
" 29	4.30 P. M.	70.	29.69	"	"	.88	5.00	125.0	22.18	23.29
" 30	3 P. M.	72.	30.17	"	"	.88	5.00	120.0	24.16	24.16
" 31	4 P. M.	75.	29.91	"	"	.88	5.00	122.4	23.04	23.50
Feb. 1	3.30 P. M.	71.	30.03	"	"	.89	5.00	117.6	25.16	24.66
" 2	5 P. M.	70.	29.80	"	"	.88	5.00	116.4	24.78	24.04
									Average.	24.05
Jan. 28	6.30 P. M.	67.	29.42	{ Consolidated, } { Branch 4.. }	Bray's Slit Union, 6	.64	5.00	117.6	23.90	23.42
" 29	6.30 P. M.	63.	29.83	"	"	.64	5.00	123.0	22.72	23.29
" 30	6 P. M.	64.	30.21	"	"	.65	5.00	123.0	23.20	23.73
" 31	6.30 P. M.	68.	29.81	"	"	.65	5.00	117.6	23.60	23.13
Feb. 1	6 P. M.	67.	30.09	"	"	.65	5.00	125.0	22.64	23.77
" 2	7 P. M.	63.	29.84	"	"	.65	5.00	115.2	21.20	23.23
									Average.	23.43
Jan. 28	7 P. M.	67.	29.42	{ Consolidated, } { Branch 6.. }	Bray's Slit Union, 6	.76	5.00	118.8	25.80	26.53
" 29	6 P. M.	63.	29.83	"	"	.76	5.00	120.0	26.40	26.40
" 30	6.30 P. M.	64.	30.21	"	"	.76	5.00	126.0	24.60	25.83
" 31	6 P. M.	68.	29.81	"	"	.75	5.00	118.8	25.90	25.64
Feb. 1	6.30 P. M.	67.	30.09	"	"	.78	5.00	121.2	25.74	26.20
" 2	6.30 P. M.	63.	29.84	"	"	.73	5.00	116.4	26.08	25.30
									Average.	25.98
Jan. 28	4 P. M.	72.	29.37	{ Consolidated, } { Branch 3.. }	Bray's Slit Union, 7	.90	5.00	118.2	30.05	29.61
" 29	4 P. M.	70.	29.69	"	"	.90	5.00	120.0	28.66	28.66
" 30	3.30 P. M.	72.	30.17	"	"	.90	5.00	118.8	29.24	28.95
" 31	3.30 P. M.	75.	29.91	"	"	.90	5.00	118.2	28.90	28.47
Feb. 1	4 P. M.	71.	30.03	"	"	.91	5.00	118.2	28.18	27.76
" 2	4.30 P. M.	70.	29.80	"	"	.90	5.00	120.0	28.60	28.60
									Average.	28.67
Jan. 28	5 P. M.	72.	29.37	N. Y. Mutual...	Bray's Slit Union, 7	.95	5.00	119.4	30.36	30.06
" 29	3 P. M.	70.	29.69	"	"	.95	5.00	120.0	28.78	28.78
" 30	4.30 P. M.	72.	30.17	"	"	.96	5.00	121.8	28.78	29.21
" 31	2.30 P. M.	75.	29.91	"	"	.96	5.00	122.4	28.38	28.95
Feb. 1	5 P. M.	71.	30.03	"	"	.96	5.00	118.8	30.16	29.86
" 2	3.30 P. M.	70.	29.80	"	"	.95	5.00	117.6	31.06	30.44
									Average.	29.55
Jan. 28	4.30 P. M.	72.	29.37	Equitable.....	Bray's Slit Union, 7	.94	5.00	120.0	33.08	33.08
" 29	3.30 P. M.	70.	29.69	"	"	.94	5.00	120.6	32.40	32.56
" 30	4 P. M.	72.	30.17	"	"	.94	5.00	121.2	32.36	32.68
" 31	3 P. M.	75.	29.91	"	"	.95	5.00	113.8	33.04	32.71
Feb. 1	4.30 P. M.	71.	30.03	"	"	.94	5.00	120.0	31.62	32.62
" 2	4 P. M.	70.	29.80	"	"	.95	5.00	118.8	33.08	32.75
									Average.	32.73

E. G. LOVE, Gas Examiner.

Permits Issued.

- 33 permits to tap Croton pipes.
- 19 permits to open streets.
- 26 permits to make sewer connections.
- 14 permits to repair sewer connections.
- 83 permits to place building material on streets.
- 19 permits—special.
- 2 permits to construct street vaults.

Obstructions Removed.

- 40 obstructions removed from the various streets and avenues during the week.

Repairs to Pavements.

- 1,660 square yards of pavement repaired during the week.

Repairing and Cleaning Sewers.

- 60 receiving-basins and culverts cleaned.
- 2,877 lineal feet of sewer cleaned.
- 108 lineal feet of sewer rebuilt.
- 50 lineal feet of sewer repaired.
- 4 lineal feet of new curb set.
- 3 lineal feet spur pipe laid.
- 1 receiving-basin rebuilt.
- 2 receiving-basins repaired.
- 6 manholes repaired.
- 3 manhole heads reset.
- 3 new manhole heads and covers put on.
- 1 new basin head and cover put on.
- 2 new manhole covers put on.
- 445 cubic yards earth excavated and refilled.
- 123 square yards pavement relaid.
- 20 square feet flagging relaid.
- 194 cart-loads dirt removed.

Statement of Laboring Force Employed in the Department of Public Works during the week ending February 2, 1889.

NATURE OF WORK.	MECHANICS.	LABORERS.	TEAMS.	CARTS
Aqueduct—Repairs and Maintenance and Strengthening.....	30	120	6	7
Supplying Water to Shipping.....	6
Laying Croton Pipes.....	2	11	2	..
Repairing and Renewals of Pipes, Stop-cocks, etc., etc.....	56	112	..	14
Bronx River Works—Maintenance and Repairs.....	2	14	..	1
Repairing and Cleaning Sewers.....	5	43	..	20
Repairs and Renewals of Pavements.....	40	69	2	14
Boulevards, Roads and Avenues, Maintenance of.....	13	43	10	2
Roads, Streets and Avenues.....	2	21	4	1
Totals.....	156	433	24	59
Increase over previous week.....	2	13	5	2
Decrease from previous week.....

Requisitions on the Comptroller.

The total amount of requisitions drawn by the Department on the Comptroller during the week is \$133,971.64.

Promotions.

Mario Lorini, from Transitman to Assistant Engineer, at \$2,400 per annum.
M. H. Smith, from Transitman to Assistant Engineer, at \$1,800 per annum.
Richard L. Blake, from Rodman to Leveler, at \$1,200 per annum.
D. B. Goodsell, from Rodman to Leveler, at \$1,200 per annum.

D. LOWBER SMITH, Commissioner of Public Works.

DEPARTMENT OF DOCKS.

At an executive meeting of the Board of Docks, held January 28, 1889.

Present—Commissioners Post and Silliman; absent, Commissioner Matthews.

The following resolution was,

On motion, adopted:

Resolved, That Commissioner Charles A. Silliman, in the absence of the Treasurer, Commissioner Matthews, be and hereby is authorized to endorse a check for \$18.22, drawn by William S. Yeatman, Disbursing Officer, on the United States Treasury in Washington.

On motion, James Keating was appointed Laborer, and Marcellus Grant was appointed Carpenter and Caulker, to take effect December 28, 1888.

On motion, the Board adjourned.

G. KEMBLE, Secretary.

At a meeting of the Board of Docks, held January 31, 1889.

Present—Commissioners Post and Silliman.

Absent—Commissioner Matthews.

The minutes of the meetings held January 24, and 28, 1889, were read and approved.

The following communications were received, read and,

On motion, laid on the table to await action, as stated, to wit:

From Lehigh Valley Railroad Company—Requesting lease of two of the new piers to be built near the foot of Dey street, North river.

From Pacific Mail Steamship Company—Requesting renewal of lease of Pier, new 34, North river, and bulkhead adjoining.

From North River Fish and Game Company—Requesting berth for oyster scow at bulkhead south side of Bloomfield street, North river.

From Engineer-in-Chief:

1st. Report on Secretary's Order No. 8691, in relation to the application of J. Goss, Jr., for an extension of time to complete Contract No. 268 for furnishing granite to the Department.

2d. Report on Secretary's Order No. 8708, in reference to the application of the Manhattan Electric-light Company for permission to erect structures on land under water between Seventy-ninth and Eightieth streets, East river.

3d. Report on Secretary's Order No. 8409, in reference to platform, etc., erected by the National Transit Company, north of Ninety-seventh street, North river. Referred to Executive Session.

The following communications were received, read, and

On motion, ordered to be placed on file, action being taken where necessary, as stated, to wit: From Counsel to the Corporation—Opinion in regard to the rights of the people in possession of the water-front on the Manhattan side of the Harlem river, between Third and Fourth avenues, and requesting a description of the premises now in occupation with the names of the occupants and claimants. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Theo. W. Myers, Comptroller—Respecting the removal of sheds and other property at West Washington Market, and stating that tenants have the permission of said Department to remove the same under the supervision of the Department of Docks. The action of the President in directing the Engineer-in-Chief to Superintend the removal of the same was approved.

From the Department of Public Works—Stating that repairs have been ordered to the bulkhead foot Fifteenth street, East river.

From G. E. P. Howard, attorney George H. Penniman—In relation to lease of land under water, adjoining Pier 36, East river. The action of the President in replying thereto was approved.

From J. J. Astor and others, owners of land adjoining Cromwell's creek, in the Twenty-third Ward—In reference to the proposed erection of a drawbridge over said creek by the New York Central and Hudson River Railroad Company. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Manhattan Electric-light Company—Requesting permission to withdraw petition and plans submitted 9th November, 1888, and requesting permission to erect and maintain upon land under water, between Seventy-ninth and Eightieth streets, East river, structures shown on map filed with the Department. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Henry Lewis Morris and others—Requesting permission to erect bulkhead on the easterly side of Harlem river, near One Hundred and Forty-ninth street, in accordance with plans and specifications submitted. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Taxpayers—Complaining of obstruction foot of Ninety-sixth street, North river. Referred to the Dock Master.

From Charles De Hart Brower—Stating that repairs will be made to the bulkhead between Twenty-second and Twenty-third streets, East river. The action of the Secretary in advising that the repairs must be made under the direction and supervision of the Engineer-in-Chief of this Department was approved.

From Baltimore and Ohio Railroad Company:

1st. Complaining of the condition of the pavement in front of and adjoining Pier at Thirty-seventh street, East river. The action of the President and Commissioner Silliman in directing the Engineer-in-Chief to examine and report was approved.

2d. Requesting permission to repair the north side of the approach to Pier, old 20, North river. The action of the President and Commissioner Silliman in issuing a permit was approved.

From John W. Flaherty—Requesting that the time to complete the building of bulkhead from Seventy-fifth to Seventy-seventh street, North river, under Contract No. 276, be extended to January 18, 1889. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Armour & Co.—Agreeing to repair bulkhead at One Hundred and Twenty-eighth street, Harlem river.

From Old Dominion Steamship Company—Transmitting blue print, showing plan of protection that they would like to place on the bulkhead, between Piers, new 25 and 26, and 26 and 27, North river, and requesting permission to erect same at the cost of said company. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Morgan's Louisiana and Texas Railroad and Steamship Company—Agreeing to the terms and conditions of resolution adopted 24th instant, to place fender-piles, chocks, etc., on outer end Pier, new 25, North river.

From New York and Baltimore Transportation Line—Requesting permission to repair outer end Pier 6, North river. The action of the President in issuing a permit, the work to be kept within existing lines, was approved.

From H. D. & J. U. Brookman—Requesting permission to dredge at north side of Pier foot of Nineteenth street, East river, and in front of the bulkhead between Nineteenth and Twentieth streets, East river. Permit granted under the usual conditions.

From J. S. Pisa—In reference to his application to improve water-front at Barretto's Point. The action of the Secretary in replying thereto was approved.

From John J. Ryan, Dock Master—In reference to the complaint of Taxpayer and stating that there are no obstructions at Ninety-sixth street, North river.

From P. Curley, Dock Master—Reporting an accumulation of dirt on the bulkheads from Piers, new 37 to new 43, and Pier at West Eleventh street, North river. The action of the President in requesting the Department of Street Cleaning to clean was approved.

From Chas. B. Husted, Dock Master—In relation to the complaint made by the "Lumber Journal," respecting berth at Pier foot of Twenty-first street, North river.

From Joseph B. Erwin, Dock Master—Reporting small holes in deck of Pier at Forty-sixth street, North river, and hitching-post rotted away. The action of the President in directing the Engineer-in-Chief to examine and report was approved.

From Edward Abeel, Dock Master—Reporting that, on Thursday, 24th instant, a scow belonging to the New York and New England Railroad Company, damaged the outer end of Pier, new 32, East river. The action of the President in directing the said company to repair at once, under the direction and supervision of the Engineer-in-Chief, or the Department will repair at their cost and expense, was approved.

From John Callan, Dock Master—Reporting that he had stopped filling at One Hundred and Fourth and One Hundred and Nineteenth streets, Harlem river. The action of the President in requesting more definite information was approved.

From Engineer-in-Chief:

1st. Reporting assignment of employees to special duty.

2d. Reporting the amount of work done during the week ending 26th January, 1889.

3d. Reporting that he had directed that Laborer and Acting Watchman William Kehoe, be not again assigned to duty as Acting Watchman, for failing to report for duty or send a proper excuse, and recommending that his action be approved.

On motion, his action was approved.

4th. Reporting repairs required to Pier, old 35, North river. The Engineer-in-Chief directed to make thorough repairs, as recommended in his report, at a cost of about \$300.

5th. Reporting that two additional Chainmen are required. The President authorized to request the Civil Service Board to submit eligible list of Chainmen.

6th. Recommending that James J. White, Boatman, be certified to the Civil Service Examiners for examination for promotion to the position of Chainman.

On motion, his recommendation was adopted.

7th. Reporting repairs required to Pier, new 38, North river. The lessees, directed to repair, as recommended by the Engineer-in-Chief.

8th. Transmitting communication from Department of Public Charities and Correction enclosing plans and specifications for widening the "Morgue" near the foot of Twenty-sixth street, East river.

On motion, permit was granted to said Department to widen the "Morgue" about fifteen feet, as shown in red lines on the map submitted. The said work to be done under the direction and supervision of the Engineer-in-Chief and to be and remain during the will of the Board.

9th. Reporting repairs required to Pier, new 41, North river. The Engineer-in-Chief directed to repair as recommended in his report.

10th. Reporting repairs required to Pier, new 42, North river. The Engineer-in-Chief directed to repair the bracing piles and the Secretary directed to notify the lessees to repair the armature plates.

11th. Report on Secretary's Order No. 8693, approving of the specifications submitted by the New York Central and Hudson River Railroad Company, for painting shed on Pier 5, East river, and stating that the specifications for repairing said pier are sufficient as far as they go, but additional repairs are required, and recommending that the additional specifications submitted by Mr. Nichols be added to those submitted by Mr. Toucey, and that the whole be then approved and returned to him as the specifications under which the repairs at Pier, old No. 5, East river, must be made.

On motion, his recommendation was adopted.

12th. Report on Secretary's Order No. 8455, returning plans submitted by Manhattan Electric-light Company, 9th November, 1888 (they having asked for permission to withdraw original petition).

13th. Report on Secretary's Order No. 7842, in reference to the application of J. S. Pisa, for permission to build a pier at Barretto's Point, Long Island. Application denied. The Secretary directed to send Mr. Pisa copy of the Engineer-in-Chief's report.

14th. Report on Secretary's Order No. 8346, in reference to the complaint of Thomas L. Sturges as to the dumping of mud into the slip at One Hundred and Fiftieth street, Harlem river.

15th. Report on Secretary's Order No. 8706, in reference to the petition received from J. J. Astor and others, in relation to the erection of proposed draw-bridge over Cromwell's creek by the New York Central and Hudson River Railroad Company. The President authorized to send copy of report of the Engineer-in-Chief to the Counsel to the Corporation and request his opinion as to the powers of the Department under the circumstances.

16th. Report on Secretary's Order No. 8701, condition of and repairs required to the deck of bulkhead-platform foot of Sixty-first street, East river, and recommending that the lessees be directed to repair. The action of the President in directing the lessees to repair was approved.

17th. Report on Secretary's Order No. 8710, in reference to the application of the Old Dominion Steamship Company for permission to place a protection on the bulkhead between Piers new, 25 and 26, and 26 and 27 North river. The action of the President in issuing a permit, the fenders to remain only during the pleasure of the Board, the work to be done under the direction and supervision of the Engineer-in-Chief, was approved.

18th. Report on Secretary's Order No. 8698, in reference to the communication from the Superintendent of Buildings, Fire Department, as to unsafe condition of grain elevator on Pier, old 39, North river. The Secretary directed to notify E. M. Van Tassell to repair, as recommended by the Engineer-in-Chief, and notify the Superintendent of Buildings, Fire Department, of the action of the Board.

19th. Report on Secretary's Order No. 8237, that he had superintended repairing bulkhead south of Pier, old 59, Little West Twelfth street.

20th. Report on Secretary's Orders Nos. 8585, 8641, that he had made requisitions for dredging at the launch landing at Charity Hospital, Blackwell's Island, East river, and at the foot of East Forty-second street, East river, and supervised the work thereat.

21st. Report on Secretary's Order No. 8540, that he had superintended repairing Pier at One Hundred and Twenty-ninth street, about two hundred and fifty-eight feet east of Second avenue, Harlem river.

22d. Report on Secretary's Order No. 8614, that he had removed obstructions on both sides of Pier foot of One Hundred and Nineteenth street, Harlem river.

23d. Report on Secretary's Order No. 8614, that he had superintended repairing sheathing on deck of Pier at Thirty-fifth street, North river.

24th. Report on Secretary's Order No. 8651, that he had superintended driving piles, etc., Pier 12, East river.

25th. Report on Secretary's Order No. 8694, that he had superintended driving piles Pier, new 1, North river.

26th. Report on Secretary's Order No. 8488, that he had superintended repairing Pier 35, East river.

27th. Report on Secretary's Order No. 8680, that he had superintended dredging at south side Pier 6, North river.

The communication from the Engineer-in-Chief, submitting form of contract and specifications for sawed yellow pine was,

On motion, ordered to be placed on file and the following resolution adopted:

Resolved, That the form of contract and specifications as prepared and submitted by the Engineer-in-Chief for furnishing about six hundred and fourteen thousand feet B.M. of sawed yellow pine be and they hereby are approved, subject to the approval of the Counsel to the Corporation as to form, and the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed and proper advertisements inviting estimates for doing said work inserted in the papers designated by law.

The Secretary reported that the pay-rolls for the month of January, 1889, amounting to \$9,055.85 had been approved and audited and that he had transmitted the same with requisitions for the amounts to the Finance Department for payment.

On motion, his action was approved.

The following preambles and resolution were,

On motion, adopted:

Whereas, Thomas O'Brien, lessee, has been duly ordered, notified and required to make the necessary repairs to Pier 55, East river, as recommended by the Engineer-in-Chief of this Department; and

Whereas, The said Thomas O'Brien has failed and neglected to do said work and make such repairs as so ordered and required; and

Whereas, The lease under which the said Thomas O'Brien holds and uses the said pier, provides, among other things, that the said Thomas O'Brien will, at all times during the term of the lease, put, keep and maintain the said wharf property and every part thereof, and the structures thereon, in good and sufficient repair and condition; and

Whereas, The said lease also provides that, in case the said Thomas O'Brien shall neglect or

refuse to make repairs as therein stated, the said lease shall become null and void, or the Department of Docks may, at its option, make such repairs at the cost and expense of said lessee; now, therefore, be it

Resolved, That Thomas O'Brien be and is hereby ordered, notified and required to be and appear before the Board of Commissioners of Docks, at a meeting thereof, to be held in the Board Room of this Department, at Pier "A," Battery place, on Thursday, February 7, 1889, at 12 o'clock M. of that day, and show cause why such repairing has not been done, and why the lease should not be canceled and annulled for failure and neglect to comply with the order and direction of this Department, and for failure to comply with the conditions and provisions of said lease, and why this Department should not be entitled to such further or other relief in the premises as may be proper.

Commissioner Charles A. Silliman, for the Treasurer, reported that he had received the following Estimates for furnishing the Department with about 270 piles and spruce plank.

Alfred Murray	\$7 00 Each.
Beard and Kempland	7 50 Each.

Joseph W. Duryee	\$19 87 per M.
Bell Brothers	\$24 00 per M.
Dodge and Company	\$20 and \$22.50 per M.

and had awarded the estimate for furnishing the same to the lowest bidders respectively.

On motion, his action was approved.

The report of the Engineer-in-Chief on Secretary's Order No. 8704 in relation to the application of John W. Flaherty for extension of time to complete Contract No. 276 was,

On motion, ordered to be placed on file and the following resolution adopted:

Resolved, That the time for the completion of the work of building a crib-bulkhead from West Seventy-fifth to West Seventy-seventh streets, North river, including a temporary sewer-box, under Contract No. 276, be and hereby is extended to January 10, 1889, and that \$300 be and hereby is deducted and retained from the final estimate on said contract, for non-completion of the work within the time specified in said contract.

Commissioner Silliman, acting for the Treasurer, submitted his report of receipts for the week ending January 30, 1889, amounting to \$1,825.43, which was received, and ordered to be spread in full on the minutes, as follows:

DATE.	FROM WHOM.	FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOSITED.
1889.					1889.
Jan. 23	Canda & Kane	1 qrs. rent l. u. w., bet. 122d and 123d sts., H. R.	\$27 25		
" 23	Drew & Bucki	" pfm. at bhd. S. W. 13th st., N. R.	125 00	\$152 25	Jan. 23.
" 29	Patrick Curley	Wharfage, District No. 4.	177 24		
" 29	Charles B. Husted	" 6.	46 62		
" 29	P. J. Brady	" 8.	147 77		
" 29	Jos. B. Erwin	" 10.	186 24		
" 29	John J. Ryan	" 12.	50 10		
" 29	Charles H. Thompson	" 1.	101 70		
" 29	Edward Abeel	" 3.	587 41		
" 29	Charles H. Pendergast	" 5.	146 19		
" 29	Charles Hutchinson	" 7.	117 87		
" 29	George A. Dearborn	" 9.	72 50		
" 29	John Callan	" 11.	37 54		
				1,673 18	Jan. 27.
			\$1,825 43	\$1,825 43	

Respectfully submitted,

CHARLES A. SILLIMAN, Acting Treasurer.

On motion, the Board adjourned.

G. KEMBLE, Secretary.

EXECUTIVE DEPARTMENT.

MAYOR'S OFFICE,
NEW YORK, February 1, 1889.

Pursuant to section 9 of chapter 339, Laws of 1883, I hereby designate the "Daily News" and the "New York Morning Journal," two of the daily papers printed in the City of New York, in which notice of each sale of unredeemed pawns or pledges by public auction in said city, by pawnbrokers, shall be published for at least six days previous thereto, until otherwise ordered.

HUGH J. GRANT, Mayor.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING which all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT

Mayor's Office.

No. 6 City Hall, 10 A. M. to 4 P. M.; Saturdays, 10 A. M. to 12 M.
HUGH J. GRANT, Mayor. THOMAS T. C. CRAIN, Secretary and Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.
DANIEL ENGELHARD, First Marshal.
FRANK FOX, Second Marshal.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
MAURICE F. HOLAHAN, EDWARD P. BARKER.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.
JAMES C. DUANE, President; JOHN C. SHEEHAN, Secretary; A. FTELEY, Chief Engineer; J. C. LULLEY, Auditor.

BOARD OF ARMORY COMMISSIONERS.

THE MAYOR, Chairman; PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, Secretary.
Address M. COLEMAN, Staats Zeitung Building, Tryon Row. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.

No. 8 City Hall, 10 A. M. to 4 P. M.
JOHN H. V. ARNOLD, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.
City Librarian.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.
D. LOWBER SMITH, Commissioner;
Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WM. M. DEAN, Superintendent.

Engineer-in-Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
HORACE LOOMIS, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.
WILLIAM G. BERGEN, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.
ALSTON G. CULVER, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JACOB E. BABCOCK, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN RICHARDSON, Superintendent.

Keeper of Buildings in City Hall Park.

MARTIN J. KEESER, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
THEODORE W. MYERS, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WILLIAM J. LYON, First Auditor.
DAVID E. AUSTEN, Second Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ARTEMAS S. CADY, Collector of Assessments and Clerk of Arrears.
No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
Collector of the City Revenue and Superintendent of Markets.
GRAHAM MCADAM, Chief Clerk.
No money received after 2 P. M.

Bureau for the Collection of Taxes.

No. 57 Chambers street and No. 35 Reade street, Stewart Building, 9 A. M. to 4 P. M.
GEORGE W. MCLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.
No money received after 2 P. M.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WM. M. IVINS, City Chamberlain.

Office of the City Paymaster.

No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.
JOHN H. TIMMERMAN, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
Saturdays, 9 A. M. to 4 P. M.
HENRY R. BEEKMAN, Counsel to the Corporation
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.
RICHARD J. MORRISON, Public Administrator.

Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 9 A. M. to 4 P. M.
THOMAS S. BRENNAN, President; GEORGE F. BRITTON, Secretary.
Purchasing Agent, FREDERICK A. CUSHMAN. Office hours, 9 A. M. to 4 P. M. Saturdays, 12 M.
Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 A. M. to 4 P. M. Saturdays, 12 M. CHARLES BENN, General Bookkeeper.
Out-Door Poor Department. Office hours, 8.30 A. M. to 4.30 P. M. WILLIAM BLAKE, Superintendent. Entrance on Eleventh street.

FIRE DEPARTMENT.

Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 12 M.

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.
HENRY D. PURROY, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

CHARLES O. SHAY, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

JAMES MITCHELL, Fire Marshal.

Bureau of Inspection of Buildings.

ALBERT F. D'OECH, Superintendent of Buildings.

Attorney to Department.

WM. L. FINDLEY.

Fire Alarm Telegraph

J. ELLIOT SMITH, Superintendent
Central Office open at all hours.

Repair Shops

Nos. 128 and 130 West Third street.
JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues.
JOSEPH SHEA, Foreman-in-Charge.
Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.
JAMES C. BAYLES, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

Emigrant Industrial Savings Bank Building, Nos. 46 and 51 Chambers street, 9 A. M. to 4 P. M. Saturdays, 12 M.
J. HAMPDEN ROBE, President; CHARLES DE F. BURNS, Secretary.

Office of Topographical Engineer.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Battery, Pier A, North River.
EDWIN A. POST, President; G. KEMBLE, Secretary.
Office hours from 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 12 M.
MICHAEL COLEMAN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes

Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
CHARLES S. BEARDSLEY, Attorney; SAMUEL BARRY Clerk.

DEPARTMENT OF STREET CLEANING.

49 and 51 Chambers street. Office hours, 9 A. M. to 4 P. M.
JAMES S. COLEMAN, Commissioner; ALBERT H. ROGERS, Deputy Commissioner; R. W. HORNER, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

Cooper Union.
EVERETT P. W. Chairman of the Supervisory Board; LEE PHIPPS, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT

Office of Clerk, Staats Zeitung Building, Room 5.
The MAYOR, Chairman; CHARLES V. ADEE, Clerk.

BOARD OF ASSESSORS.

Office City Hall, Room No. 11 1/2, 9 A. M. to 4 P. M.
EDWARD GILON, Chairman WM. H. JASPER, Secretary

BOARD OF EXCISE.

No. 54 Bond street, 9 A. M. to 4 P. M.
CHARLES H. WOODMAN, President; GEORGE H. GALE, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.
JAMES A. FLACK, Sheriff; THOMAS F. GILROY, Under Sheriff; BERNARD F. MARTIN, Order Arrest Clerk.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
JAMES J. SLEVIN, Register; JAMES J. MARTIN, Deputy Register.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
CHARLES REILLY, Commissioner; JAMES E. CONNER, Deputy Commissioner

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.
EDWARD F. REILLY, County Clerk; P. J. SCULLY, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
JOHN R. FELLOWS, District Attorney; JAMES MCCABE, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, on which days 9 A. M. to 12 M.
THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.
MICHAEL J. H. MESSEMER, FERDINAND LEVY, DANIEL HANLY, LOUIS W. SCHULTZ, Coroners;
Clerk of the Board of Coroners.

SUPREME COURT.

Second floor, New County Court-house, opens at 10.30 A. M.
CHARLES H. VAN BRUNT, Presiding Justice; EDWARD F. REILLY, Clerk; P. J. SCULLY, Deputy County Clerk.
General Term, Room No. 9, WILLIAM LAMB, Jr., Clerk.
Special Term, Part I., Room No. 10, HUGH DONNELLY, Clerk.
Special Term, Part II., Room No. 18, WILLIAM J. HILL, Clerk.
Chambers, Room No. 11, WALTER BRADY, Clerk.
Circuit, Part I., Room No. 12, _____, Clerk.
Circuit, Part II., Room No. 14, JOHN B. MCGOLDRICK, Clerk.
Circuit, Part III., Room No. 13, GEORGE F. LYON, Clerk.
Circuit, Part IV., Room No. 15, J. LEWIS LYON, Clerk.
Judges' Private Chambers, Rooms Nos. 19 and 20, EDWARD I. KNIGHT, Librarian.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK (Room No. 9),
No. 300 MULBERRY STREET,
NEW YORK, 1887.

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 his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.

JOHN F. HARRIOT,
Property Clerk.

BOARD OF STREET OPENING AND IMPROVEMENT.

NOTICE IS HEREBY GIVEN THAT THERE will be a regular meeting of the Board of Street Opening and Improvement of the City of New York held in the Mayor's Office, on Friday, February 15, 1889, at 2 o'clock P. M., at which meeting it is proposed to consider unfinished business, with such other matters as may be brought before the Board.

Dated February 12, 1889,
WM. V. I. MERCER,
Secretary.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, February 13, 1889.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING three Third Size Steam Fire-Engines, with La France's improved nest tube boiler, will be received by the Board of Commissioners at the head of the Fire Department, at the office of said Department, Nos. 157 and 159 East Sixty-seventh street, in the City of New York, until 10 o'clock A. M., Wednesday, February 27, 1889, at which time and place they will be publicly opened by the head of said Department and read.

No estimate will be received or considered after the hour named.
For information as to the amount and kind of work to be done, bidders are referred to the specifications, which form part of these proposals.

The form of the agreement (with specifications), showing the manner of payment for the work, may be seen, and forms of proposals may be obtained, at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

This work to be completed and delivered within one hundred and twenty (120) days after the execution of the contract.

The damages to be paid by the contractor for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at twenty-five (\$25) dollars.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall present the same in a sealed envelope, to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Fire Department reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; that it is made without any connection with any other person making an esti-

the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of six hundred (\$600) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion, and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of thirty (\$30) dollars. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

HENRY D. PURROY,
FITZ JOHN PORTER,
Commissioners.

FINANCE DEPARTMENT.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1857, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriff's sales in 61 volumes, full bound, price..... \$100 00
The same in 25 volumes, half bound..... 50 00
Complete sets, folded, ready for binding..... 15 00
Records of Judgments, 25 volumes, bound..... 10 00
Orders should be addressed to "Mr. Stephen Angell Room 23, Stewart Building."

THEODORE W. MYERS,
Comptroller.

DEPARTMENT OF DOCKS.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 296.)

PROPOSALS FOR ESTIMATES FOR REPAIRING THE CRIB-BULKHEAD AT THE FOOT OF EAST FIFTY-THIRD STREET, EAST RIVER.

ESTIMATES FOR REMOVING A PART OF the existing crib-bulkhead at the foot of East Fifty-third street, East river, and for building a new crib-bulkhead and appurtenances, including a sewer-box, on the site thereof, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

THURSDAY, FEBRUARY 21, 1889,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Five Hundred and Fifty Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

REPAIRS TO CRIB-BULKHEAD.

1. New crib-work complete, including all timbers and ironwork, backing-logs, earth and stone filling, box-drains, mooring-posts, fenders and chocks, etc., and measured from the top of the flooring to the under side of the backing-log..... 7,919 cubic feet.

Feet, B. M.,
measured in
the work.

2. Yellow Pine Timber, 12' x 12'..... 2,064
" " 10' x 12'..... 107
" " 10' x 10'..... 267
" " 6' x 12'..... 189
" " 6' x 11'..... 281
" " 5' x 11'..... 468
" " 5' x 10'..... 289
Total..... 3,665

NOTE.—The above quantity of timber is inclusive of extra lengths required for scarfs, laps, etc., but is exclusive of waste.

3. White Pine, Norway Pine, Yellow Pine or Cypress Piles..... 28
(It is expected that these piles will have to be from about 25 feet to about 45 feet long.)
4. White Oak Fender Piles, about 45 feet long..... 9
5. Bed Logs, about..... 119 linear feet.
6. Excavation of Old Crib-work, etc., about..... 375 cubic yards.
7. Square Wrought-iron Dock Spikes, about..... 1,036 pounds.
8. Wrought-iron Screw-bolts and Nuts, about..... 122 "
9. Cast-iron Washers, about..... 64 "
10. Cast-iron Cleat, about..... 225 "
11. Wrought-iron Armature Plates and Washers, about..... 1,777 "
12. Back Filling and Grading, about..... 82 cubic yards.
13. Labor only on about 63 pieces of floor-logs.
14. Labor of framing and carpentry, including all moving of timber, jointing, planing, bolting, spiking, back-filling, etc., as set forth in the specifications.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible, in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received.

(1.) Bidders must satisfy themselves, by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the contract, and all the work contracted for is to be fully completed on or before the fifteenth day of May, 1889, or within as many days thereafter as the premises may be occupied by the Department of Docks or by the Department of Public Works, by and with the consent of the Department of Docks, in building a brick sewer in the sewer-box to be built by the contractor under this contract, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

All the old material taken from the structure, to be removed under the contract, will be relinquished to the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under this contract.

Bidders will state in their estimates a price for the whole of the work to be done in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing the work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair, and without collusion or fraud; and also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work to be done, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The right to decline all the estimates is reserved, if deemed for the interest of the Corporation of the City of New York.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
JAMES MATTHEWS,
CHARLES A. SILLIMAN,
Commissioners of the Department of Docks.
Dated New York, February 7, 1889.

DEPARTMENT OF DOCKS,
PIER "A," NORTH RIVER.

TO CONTRACTORS.

(No. 295.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT PIER, NEW 57, NORTH RIVER (SOUTH SIDE).

ESTIMATES FOR DREDGING AT PIER, new 57, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M., of

TUESDAY, FEBRUARY 19, 1889,

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of One Thousand Three Hundred and Fifty Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged in order to secure at the premises mentioned the depth of water set opposite thereto in the specifications, is as follows:

Pier, new 57, North river (south side), 27,000 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

(1.) Bidders must satisfy themselves, by personal examination, of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

(2.) Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed, at the price therefor per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under the contract is to be commenced within five days after the date of the contract, and the entire work is to be fully completed on or before the 15th day of April, 1889, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment has expired, are, by a clause in the contract, fixed and liquidated at Fifty Dollars per day.

All the material excavated is to be removed by the contractor, and deposited in all respects according to law.

Bidders will state in their estimates a price per cubic yard for doing such dredging in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it, and as in default to the Corporation; and the contract will be readvertised and relet, and so on until it be accepted and executed.

Bidders are required to state in their estimates their names and places of residence; the names of all persons interested with them therein; and if no other person be so interested, the estimate shall distinctly state the fact; also, that the estimate is made without any connection with any other person making an estimate for the same work, and that it is in all respects fair and without collusion or fraud; and also, that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof; which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion, and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded at any subsequent letting; the amount, in each case, to be calculated upon the estimated amount of the work to be done, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York, after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him,

to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The right to decline all the estimates is reserved, if deemed for the interest of the Corporation of the City of New York.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWIN A. POST,
JAMES MATTHEWS,
CHARLES A. SILLIMAN,
Commissioners of the Department of Docks.
Dated New York, February 4, 1889.

DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS,
Nos. 49 AND 51 CHAMBERS STREET,
NEW YORK, February 14, 1889.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH of the following-mentioned works, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received by the Department of Public Parks, at its offices, Nos. 49 and 51 Chambers street, until eleven o'clock A. M. on Wednesday, February 27, 1889:

No. 1. For constructing a Sewer and Appurtenances on the North Side of the Southern Boulevard, from the Summit East of Willis Avenue to Brook Avenue.

No. 2. For constructing a Sewer and Appurtenances in Third Avenue, between One Hundred and Seventieth Street and the Twenty-third and Twenty-fourth Wards' Line.

No. 3. For furnishing and delivering Manure where required on the City Parks.

Special notice is given that the works must be bid for separately, that is, more than one work must not be included in the same estimate or envelope.

The nature and extent of each of the works, as near as it is possible to state them, in advance, is as follows:

NUMBER 1, ABOVE-MENTIONED.

245 linear feet of 15-inch pipe sewer, including concrete cradle, and exclusive of spurs for house connections.

380 linear feet of 12-inch pipe sewer, including concrete cradle, and exclusive of spurs for house connections.

37 spurs for house connections, over and above the cost per foot of sewer.

6 manholes complete.

1 receiving basin complete.

1,400 cubic yards of rock to be excavated and removed.

5 cubic yards of concrete in place, exclusive of concrete cradle for pipe sewers.

1,000 feet (B. M.) of lumber furnished and laid. In addition to the above quantities of work to be done, if sheet piling is required and ordered by the Engineer to be left in the trench, it will be measured and paid for at ONE-HALF of the price bid for timber. Also the time required for the completion of the whole work, which will be tested at the rate of \$4 per day.

NUMBER 2, ABOVE-MENTIONED.

375 linear feet of brick sewer, egg-shaped, of 20 inches by 30 inches, including rubble masonry cradle, and exclusive of spurs for house connections.

60 spurs for house connections, over and above the cost per foot of sewer.

4 manholes complete.

150 cubic yards of rock to be excavated and removed.

5 cubic yards of concrete in place, exclusive of concrete cradle for pipe sewers.

1,000 feet (B. M.) of timber furnished and laid. In addition to the above estimated quantity of timber, it is estimated that 40,000 feet (B. M.) of timber for sheet piling and bracing will be required, which, or any part thereof, if ordered to be left in the trench, will be measured and paid for at ONE-HALF of the price bid for timber for foundation.

Also the time required for the completion of the whole work, which will be tested at the rate of \$4 per day.

NUMBER 3, ABOVE-MENTIONED.

2,200 loads, of fifty bushels each, of thoroughly Decomposed Stable Manure.

As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing statement, and shall not, at any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the depth of the excavation to be made, or the nature or amount of the work to be done.

Bidders will be required to complete the entire work to the satisfaction of the Department of Public Parks, and in substantial accordance with the specifications for the work and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The person making any bid or estimate must furnish the same, enclosed in a sealed envelope, to the head of said Department, at his office, on or before the day and hour above mentioned.

The envelope must be indorsed with the name or names of the person presenting the same, the date of its presentation, and a statement of the work to which it relates.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its

The general character and extent of the contemplated changes are as follows:

Changing the location, width, course and lines, and

SEALED BIDS OR ESTIMATES FOR FURNISHING AND DELIVERING, FREE OF ALL EXPENSE, AT THE BAKE-HOUSE DOCK, BLACKWELL ISLAND (EAST SIDE), 4,000 BARRELS EXTRA "HEAD" FLOUR, IN LOTS OF 500 TO 1,000 BARRELS, ONE-HALF OF EACH QUALITY, TO FOLLOW:
 2,000 barrels of sample marked No. 1.
 2,000 barrels of sample marked No. 2.
 Bids will be received at the office of the Department of Public Charities and Correction, No. 66 Third Avenue, in the City of New York, until 9.30 o'clock A. M. of Thursday, February 21, 1889. The person or persons making any bid or estimate shall furnish the same in a

1,500 pounds Cheese.
5,000 pounds Prunes.
100 barrels Crackers.
100 barrels prime quality American Salt, 320
pounds net each, to be delivered at Black-
well's Island within twenty days.

by either a certified check upon one of the State national banks of the City of New York, drawn to order of the Comptroller, or money to the amount of

five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

The quality of the articles, supplies, goods, wares, and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required, before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine. The form of the contract, including specifications, showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities and Correction will insist upon its absolute enforcement in every particular.

Dated New York, February 9, 1889.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
CHARLES E. SIMMONS, M. D., Commissioner,
Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, February 12, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from One Hundred and Fiftieth street and Harlem River—Unknown man, aged about 35 years; 5 feet 7 inches high; dark hair; gray eyes. Had on dark coat and pants; black diagonal vest, lawn tennis shirt, red flannel undershirt, white muslin drawers, red cotton socks.

Unknown man from Chambers Street Hospital, aged about 55 years; 5 feet 7 inches high; gray hair, moustache and beard; gray eyes.

Unknown woman from One Hundred and Forty-fourth street and Fourth avenue, aged about 45 years; 5 feet 2 inches high; brown hair; blue eyes. Had on striped calico waist, black alpaca skirt, red flannel undershirt, white chemise, white knitted drawers, black stockings, gaiters.

At Charity Hospital, Blackwell's Island—Albert Ketchum, aged 37 years; 5 feet 6 inches high; dark hair and eyes. Had on when admitted two dark coats, dark vest and pants, two colored shirts, colored drawers, shoes, black derby hat.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,
Secretary.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,
No. 66 THIRD AVENUE,
NEW YORK, February 4, 1889.

IN ACCORDANCE WITH AN ORDINANCE OF the Common Council, "In relation to the burial of strangers or unknown persons who may die in any of the public institutions of the City of New York," the Commissioners of Public Charities and Correction report as follows:

At Morgue, Bellevue Hospital, from foot of Stanton street—Unknown man, aged about 50 years; 5 feet 7 inches high; gray hair and eyes, dark moustache. Had on chinchilla overcoat, brown vest, gray pants, plaid cotton shirt, gray woolen undershirt, red cotton socks, gaiters, black Derby hat.

At Charity Hospital, Blackwell's Island—Hugh McCall, aged 46 years; 5 feet 7 inches high; blue eyes, black hair. Had on when admitted 2 dark coats, vest and pants, colored shirt, white drawers, shoes, black Derby hat.

At Workhouse, Blackwell's Island—Maggie Ryan, aged 30 years. Committed January 27, 1889.

Mary Arthur, aged 60 years. Committed January 16, 1889.

At Lunatic Asylum, Blackwell's Island—Annie Thompson, aged 60 years; 5 feet 2 inches high; gray hair, brown eyes. Had on when admitted plaid shawl, black sacque, black petticoat, shoes.

Mary A. Fitzpatrick, aged 58 years; 5 feet 2 inches high; gray hair, blue eyes. Transferred from Workhouse, December 20, 1888, and had on Corporation clothing.

At N. Y. City Asylum for Insane, Ward's Island—Marcus Neuringberg, aged 39 years; 5 feet 5½ inches high; brown hair, black eyes.

Nothing known of their friends or relatives.

By order,

G. F. BRITTON,
Secretary.

AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, No. 280 BROADWAY,
NEW YORK, February 8, 1889.

TO CONTRACTORS.

BIDS OR PROPOSALS FOR FURNISHING the roof, double doors, windows, railing, floor plates and copper leaders, including the furnishing of all the materials, labor, transportation, etc., necessary or required to put the same in complete working order at the Ardsley Gate-house, on Section 7 of the New Aqueduct, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, will be received at this office until WEDNESDAY, FEBRUARY 27, 1889, at 3 o'clock P. M., at which place and hour they will be publicly opened by the Aqueduct Commissioners, and the award for doing said work and furnishing said material will be made by said Commissioners as soon thereafter as possible.

Blank forms of said approved contract and the specifications therefor, and bids or proposals and proper envelopes for their enclosure, and form of bond, and also the plans for said work and all other information, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners,

JAMES C. DUANE,
President.

JOHN C. SHEEHAN,
Secretary.

JURORS.

NOTICE IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
ROOM 127, STEWART BUILDING,
CHAMBERS STREET AND BROADWAY,
NEW YORK, June 1, 1888.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 9 to 4 daily, from all persons hitherto liable or recently serving, who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only under severe penalties. If exempt, the party must bring proof of exemption; if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No mere excuse will be allowed or interference permitted. The fines, if unpaid, will be entered as judgments upon the property of the delinquents.

All good citizens will aid the course of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to a jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

CHARLES REILLY,
Commissioner of Jurors.

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING,
CITY OF NEW YORK,
Nos. 49 and 51 CHAMBERS STREET,
NEW YORK, February 9, 1889.

PUBLIC NOTICE IS HEREBY GIVEN THAT the following articles, the property of the Department of Street Cleaning, will be sold at public auction at the Stables of said Department, Seventeenth street and Avenue C, by William Kennelly, Auctioneer, on Thursday, the 28th day of February, 1889, at 11 o'clock in the forenoon:

- 1 Department of Street Cleaning Scow, known as No. 19, lying at One Hundred and Ninth street, East river, filled with water.
- 4 Horses, known as Nos. 12, 66, 81, and 115.
- About 2,000 pounds of Old Rope.
- About 2,000 pounds of Old Horseshoes.
- About 3,000 pounds of Old Iron.
- 12 pieces of Office Furniture.
- 1 pair of Scales.
- 1 Horse-power and Hay-cutting Machine.
- Lot of Horse Collars.
- 4 Drop Lights (gas-lamps).

TERMS OF SALE.

The purchase money to be paid in bankable funds at the time of sale or the articles will be resold.

Purchasers will be required to remove their articles from the Stables within twenty-four hours after the sale. Information in relation to the articles to be sold may be obtained from the Superintendent of Stables, at Seventeenth street and Avenue C.

JAMES S. COLEMAN,
Commissioner of Street Cleaning.

NOTICE.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, at No. 51 Chambers street.

J. S. COLEMAN,
Commissioner of Street Cleaning

SUPREME COURT.

SECOND JUDICIAL DISTRICT.

NEW AQUEDUCT—WESTCHESTER COUNTY SECTION.

In the matter of the petition of Hubert O. Thompson, Commissioner of Public Works of the City of New York, under and in pursuance of chapter 490 of the Laws of 1883, and on behalf of the Mayor, Aldermen and Commonality of the City of New York, for the appointment of Commissioners of Appraisal under chapter 490 of the Laws of 1883.

NOTICE IS HEREBY GIVEN TO ALL parties who have not appeared before the Commissioners of Appraisal for the Westchester County Section of the New Aqueduct, which Commissioners were duly appointed herein by order dated October 11, 1884, that the following reports of said Commissioners were confirmed by the Supreme Court by its orders duly entered herein in the office of the Clerk of the County of Westchester, at the village of White Plains in said county, as follows:

First—The First Separate Report by order entered as aforesaid on March 1, 1887.

Second—The Report Supplemental to the First Separate Report by order entered as aforesaid on March 8, 1887.

Third—The Second Separate Report by order entered as aforesaid on August 17, 1887.

Fourth—The Third Separate Report by order entered as aforesaid on October 27, 1888.

Dated New York, February 15, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
Attorney for Petitioner,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to DEPOT PLACE (although not yet named by proper authority), extending from Sedgwick avenue to the western line of the Spuyten Duyvil and Port Morris Railroad, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of March, 1889, at the opening of Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as East One Hundred and Forty-fourth street, extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

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 of a certain street or avenue known as Depot place, extending from Sedgwick avenue to the western line of the Spuyten Duyvil and Port Morris Railroad, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Sedgwick avenue, distant 189.07 feet southerly from the intersection of the line between the Twenty-third and Twenty-fourth Wards and the western line of Sedgwick avenue, as the same has been opened from Jerome avenue to the Twenty-third Ward line, in the proceedings confirmed November 28, 1870.

1st. Thence southerly along the western line of Sedgwick avenue for 60.20 feet.

2d. Thence westerly, deflecting 91° 37' to the right, for 367.10 feet to the western line of the Spuyten Duyvil and Port Morris Railroad.

3d. Thence northerly, deflecting 88° 38' 02" to the right, along the western line of the Spuyten Duyvil and Port Morris Railroad for 60.02 feet.

4th. Thence easterly for 367.63 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, February 9, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of EAST ONE HUNDRED AND FIFTIETH STREET (although not yet named by proper authority) extending from Railroad avenue east to Third avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Mayor, Aldermen and Commonality of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court in the First Judicial District in the State of New York, at a Special Term thereof, to be held at Chambers of said Court, in the County Court-house, in the City of New York, on the 14th day of March, 1889, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding, in the place and stead of Carl Müller, deceased.

Dated New York, February 9, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FORTY-FOURTH STREET (although not yet named by proper authority), extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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, at a Special Term of said Court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 14th day of March, 1889, at the opening of Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as East One Hundred and Forty-fourth street, extending from River avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

PARCEL A.

Beginning at a point in the western line of Gerard avenue, distant 718.22 feet southerly from the intersection of the western line of Gerard avenue with the southern line of East One Hundred and Forty-ninth street.

1st. Thence southerly along the western line of Gerard avenue for 60.06 feet.

2d. Thence westerly, deflecting 92° 36' 19" to the right, for 275.28 feet.

3d. Thence northerly, deflecting 87° 23' 41" to the right, for 60.06 feet.

4th. Thence easterly for 275.28 feet to the point of beginning.

PARCEL B.

Beginning at a point in the eastern line of Gerard avenue, distant 718.47 feet southerly from the intersection of the eastern line of Gerard avenue with the southern line of East One Hundred and Forty-ninth street.

1st. Thence southerly along the easterly line of Gerard avenue for 60.06 feet.

2d. Thence easterly, deflecting 87° 23' 41" to the right, for 117.40 feet to the western line of Railroad avenue East.

3d. Thence northerly along the western line of Railroad avenue East for 60.75 feet.

4th. Thence westerly for 929.65 feet to the point of beginning.

PARCEL C.

Beginning at a point in the eastern line of Railroad avenue East, distant 738.92 feet southerly from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Railroad avenue East.

1st. Thence southerly along the eastern line of Railroad avenue East for 60.75 feet.

2d. Thence easterly, deflecting 99° 1' 15" to the left, for 775.10 feet to the western line of Morris avenue.

3d. Thence northerly along the western line of Morris avenue for 60.87 feet.

4th. Thence westerly for 715.78 feet to the point of beginning.

PARCEL D.

Beginning at a point in the eastern line of Morris avenue, distant 732.59 feet from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Morris avenue.

1st. Thence southerly along the eastern line of Morris avenue for 60.87 feet.

2d. Thence easterly, deflecting 99° 38' 49" to the left, for 145.40 feet.

3d. Thence southeasterly, deflecting 36° 50' 17" to the right, for 608.96 feet to the western line of Third avenue.

4th. Thence northeasterly along the western line of Third avenue for 60.87 feet.

5th. Thence northwesterly, deflecting 90° to the left, for 628.94 feet.

6th. Thence westerly for 155.19 feet to the point of beginning.

PARCEL E.

Beginning at a point in the western line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1st. Thence southerly along the western line of Brook avenue for 60 feet.

2d. Thence westerly, deflecting 90° to the right, for 438.50 feet.

3d. Thence westerly, deflecting 5° 25' 30" to the right, for 1,129.74 feet to the eastern line of Third avenue.

4th. Thence northeasterly along the eastern line of Third avenue for 67.2 feet.

5th. Thence easterly, deflecting 63° 14' 03" to the right, for 1,096.65 feet.

6th. Thence easterly for 435.65 feet to the point of beginning.

PARCEL F.

Beginning at a point in the eastern line of Brook avenue, distant 978.96 feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the eastern line of Brook avenue.

1st. Thence southerly along the eastern line of Brook avenue for 60 feet.

2d. Thence easterly, deflecting 90° to the left, for 524.37 feet to the western line of St. Ann's avenue.

3d. Thence northerly along the western line of St. Ann's avenue for 60 feet.

4th. Thence westerly for 524.37 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, February 9, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of AVENUE B, from Eighty-sixth street to the marginal street, bulkhead line, Harlem river, in the Twelfth Ward of the 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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as Avenue B, from Eighty-sixth street to the marginal street, bulkhead line, Harlem river, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the northerly line of Eighty-sixth street, distant 646 feet easterly from the easterly line of Avenue A; thence northerly and parallel with said avenue, distance 1,011 feet 4¼ inches to the bulkhead line, Harlem river; thence southeasterly along said line 130 feet 11 inches; thence southerly and parallel with Avenue A, and distant 746 feet easterly therefrom, distance 926 feet 10½ inches to the northerly line of Eighty-sixth street; thence westerly along said line 100 feet, to the point or place of beginning.

Said avenue to be 100 feet wide between the northerly line of Eighty-sixth street and the bulkhead line, Harlem river.

Dated New York, January 31, 1889.

HENRY R. BEEKMAN,
Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-FIFTH STREET (although not yet named by proper authority), extending from Carter avenue to the Southern Boulevard, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

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, at a Special Term of said Court, to be held at Chambers thereof, in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as East One Hundred and Seventy-fifth street, extending from Carter avenue to the Southern Boulevard, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following-described lots, pieces or parcels of land, viz.:

PARCEL A.

Beginning at a point in the western line of Webster avenue, distant 736.69 feet southerly from the intersection of the southern line of Tremont avenue with the western line of Webster avenue.

1st. Thence southerly along the western line of Webster avenue for 60 feet.

2d. Thence westerly deflecting 90° 22' 43" to the right for 110.39 feet.

3d. Thence northerly deflecting 89° 38' 48" to the right for 60 feet.

4th. Thence easterly for 110.36 feet to the point of beginning.

PARCEL B.

Beginning at a point in the eastern line of Webster avenue, distant 740.84 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.

1st. Thence southerly along the eastern line of Webster avenue for 60 feet.

2d. Thence easterly deflecting 89° 37' 17" to the left for 1,308.98 feet to the western line of Third avenue.

3d. Thence northerly along the western line of Third avenue for 60.06 feet.

4th. Thence westerly for 1,306.80 feet to the point of beginning.

PARCEL C.

Beginning at a point in the eastern line of Third avenue, distant 932.27 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Third avenue.

1st. Thence southerly along the eastern line of Third avenue for 60.06 feet.
 2d. Thence easterly deflecting $87^{\circ} 29' 20''$ to the left for 177.05 feet.
 3d. Thence easterly, curving to the left on the arc of a circle, tangent to the preceding course, whose radius is 300 feet, for 100.79 feet.
 4th. Thence easterly on a line tangent to the preceding course for 395.08 feet.
 5th. Thence easterly deflecting $33^{\circ} 36' 05''$ to the right for 471.12 feet to the western line of Broadway.
 6th. Thence northerly along the western line of Broadway for 60 feet.
 7th. Thence westerly deflecting $90^{\circ} 12' 40''$ to the left for 489.36 feet.
 8th. Thence westerly deflecting $33^{\circ} 36' 05''$ to the left for 414.03 feet.
 9th. Thence westerly curving to the right on the arc of a circle, tangent to the preceding course, whose radius is 240 feet, for 80.63 feet.
 10th. Thence westerly for 179.68 feet to the point of beginning.

PARCEL D.

Beginning at a point in the western line of Southern Boulevard, distant 718.08 feet northerly from the intersection of the northern line of Boston Road with the western line of Southern Boulevard.
 1st. Thence northerly along the western line of Southern Boulevard for 60.04 feet.
 2d. Thence westerly deflecting $87^{\circ} 53' 14''$ to the left for 637.57 feet.
 3d. Thence westerly deflecting $11^{\circ} 16' 20''$ to the right for 1,581.20 feet to the eastern line of Broadway.
 4th. Thence southerly along the eastern line of Broadway for 60 feet.
 5th. Thence easterly deflecting $90^{\circ} 12' 40''$ to the left for 1,587.34 feet.
 6th. Thence easterly for 645.71 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, January 31, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SEVENTY-FOURTH STREET (although not yet named by proper authority), extending from Carter avenue to Third avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first class street or road by the Department of Public Parks.

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, at a Special Term of said court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Saturday, the 2d day of March, 1889, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as East One Hundred and Seventy-fourth street, extending from Carter avenue to Third avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks, being the following described lots, pieces or parcels of land, viz.:

PARCEL A.

Beginning at a point in the western line of Webster avenue, distant 1,321.51 feet southerly from the intersection of the southern line of Tremont avenue with the western line of Webster avenue.
 1st. Thence southerly along the western line of Webster avenue for 50.06 feet.
 2d. Thence westerly deflecting $87^{\circ} 10' 03''$ to the right for 110.78 feet.
 3d. Thence northerly deflecting $92^{\circ} 51' 29''$ to the right for 50.06 feet.
 4th. Thence easterly for 110.76 feet to the point of beginning.

PARCEL B.

Beginning at a point in eastern line of Webster avenue, distant 1,320.05 feet southerly from the intersection of the southern line of Tremont avenue with the eastern line of Webster avenue.
 1st. Thence southerly along the eastern line of Webster avenue for 50.06 feet.
 2d. Thence easterly deflecting $92^{\circ} 49' 57''$ to the left for 337.45 feet.
 3d. Thence northerly deflecting $87^{\circ} 06' 07''$ to the left for 50.06 feet.
 4th. Thence westerly for 337.51 feet to the point of beginning.

PARCEL C.

Beginning at a point in the western line of Third avenue, distant 1,613.08 feet southerly from the intersection of the southern line of Tremont avenue with the western line of Third avenue.
 1st. Thence southerly along the western line of Third avenue for 50.03 feet.
 2d. Thence easterly deflecting $92^{\circ} 07' 40''$ to the right for 931.59 feet.
 3d. Thence northerly deflecting $90^{\circ} 04' 12''$ to the right for 50 feet.
 4th. Thence easterly for 929.62 feet to the point of beginning.

And as shown on certain maps filed by the Commissioners of the Department of Public Parks, in the office of the Register of the City and County of New York, in the office of the Secretary of State of the State of New York, and in the Department of Public Parks.

Dated New York, January 31, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of ONE HUNDRED AND EIGHTEENTH STREET, from Tenth avenue to Morningside avenue, west, in the Twelfth Ward of the 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, at a Special Term of said court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 28th day of February, 1889, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as One Hundred and Eighteenth street, from Tenth avenue to Morningside avenue, west, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the easterly line of Tenth avenue, distant 463 feet 8 inches northerly from the northerly line of One Hundred and Sixteenth street; thence

easterly and parallel with One Hundred and Sixteenth street 450 feet, to the westerly line of Morningside avenue, west; thence northerly along said line 60 feet; thence westerly 450 feet to the easterly line of Tenth avenue; thence southerly along said line 60 feet, to the point or place of beginning.

Said street to be 60 feet wide between the line of Tenth avenue and Morningside avenue, west.

Dated New York, January 28, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to the opening of ONE HUNDRED AND THIRTY-SECOND STREET, from Twelfth avenue to the bulkhead-line, Hudson river, in the Twelfth Ward of the 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, at a Special Term of said court, to be held at Chambers thereof in the County Court-house, in the City of New York, on Thursday, the 28th day of February, 1889, at the opening of court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title, in the name and on behalf of the Mayor, Aldermen and Commonality of 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 of a certain street or avenue known as One Hundred and Thirty-second street, from Twelfth avenue to the bulkhead-line, Hudson river, in the Twelfth Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the westerly line of Twelfth avenue, distant 199 feet 10 inches northerly from the northerly line of One Hundred and Thirty-first street; thence westerly and parallel with said street 313 feet $3\frac{1}{4}$ inches to the bulkhead-line, Hudson river; thence northerly along said line 60 feet $2\frac{1}{2}$ inches; thence easterly 308 feet $2\frac{1}{4}$ inches to the westerly line of Twelfth avenue; thence southerly along said line 60 feet to the point or place of beginning.

Said street to be 60 feet wide between the line of Twelfth avenue and bulkhead-line, Hudson river.

Dated New York, January 28, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of MELROSE AVENUE (although not yet named by proper authority) extending from Third avenue to East One Hundred and Sixty-third street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, the Mayor, Aldermen and Commonality of the City of New York hereby give notice that the Counsel to the Corporation will apply to the Supreme Court, in the First Judicial District of the State of New York, at a Special Term thereof, to be held at the Chambers of said court, in the County Court-house, in the City of New York, on the 28th day of February, 1889, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, for the appointment of a Commissioner of Estimate and Assessment in the above-entitled proceeding in the place and stead of Edward L. Parris, resigned.

Dated New York, January 28, 1889.

HENRY R. BEEKMAN,

Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title to that part of EAST ONE HUNDRED AND FORTY-SECOND STREET (although not yet named by proper authority) extending from Rider avenue to St. Ann's avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Department of Public Parks.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to the owner or owners, occupant or occupants, of all houses and lots and improved or 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 these proceedings, or in any of the lands affected thereby, and who may be opposed to the same, do present their objections in writing, duly verified, to us at our office, No. 200 Broadway (fifth floor), in the said city, on or before the 28th day of February, 1889, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 28th day of February, 1889, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock, p. m.

Second—That the abstract of the said estimate and assessment, together with our maps, and also all the affidavits, estimates and other documents which were used by us in making our report, have been deposited in the office of the Department of Public Works, in the City of New York, there to remain until the 28th day of February, 1889.

Third—That the limits embraced by the assessment aforesaid are as follows, to wit: All those lots, pieces or parcels of land, situate, lying and being in the City of New York which, taken together, are bounded and described as follows, viz.: Northerly by the centre line of the blocks between East One Hundred and Forty-second street and East One Hundred and Forty-third street; easterly by the westerly side of St. Ann's avenue; southerly by the centre line of the blocks between East One Hundred and Forty-first street and East One Hundred and Forty-second street, and westerly by the easterly side of Rider avenue; excepting from said area all the streets, avenues and roads, or portions thereof, heretofore legally opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares and places shown and laid out upon any map or maps filed by the Commissioners of the Department of Public Parks, pursuant to the provisions of chapter 604 of the Laws of 1874, and the laws amendatory thereof, or of chapter 410 of the Laws of 1882, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at the Chambers thereof, in the County Court-house, at the City Hall, in the City of New York, on the twenty-ninth day of March, 1889, at the opening of the court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, January 18, 1889.

JAMES J. TRAYNOR,

PETER MCGINNIS,

MAX MOSES,

Commissioners.

CARROLL BERRY,

Clerk.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
 No. 301 MOTT STREET,
 NEW YORK, August 2, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, August 2, 1888, the following resolution was adopted:

Resolved, That under the power conferred by law upon the Health Department, the following additional section to the Sanitary Code for the security of life and health, be and the same is hereby adopted and declared to form a portion of the Sanitary Code:

Section 219. In every public hospital and dispensary in the City of New York there shall be provided and maintained a suitable room or rooms and place for the temporary isolation of persons infected with contagious disease, who shall immediately be separated from the other persons and other patients at such dispensary or hospital. It shall be the duty of the physician or physicians, of the officers, managers and of every one in charge of a hospital or dispensary, and of every one who has any duty or office in respect to patients in the course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to the Health Department of the City of New York of every person infected with a contagious disease who comes to their knowledge, and that such person or persons so infected are properly isolated and kept separate from other persons and other patients.

[L. S.]

JAMES C. BAYLES,

President.

EMMONS CLARK,
 Secretary.

HEALTH DEPARTMENT, No. 301 MOTT STREET,
 NEW YORK, January 31, 1888.

AT A MEETING OF THE BOARD OF HEALTH of the Health Department of the City of New York, held at its office, No. 301 Mott street, January 27, 1888, the following resolution was adopted:

Resolved, That section 13 of the Sanitary Code be and is hereby amended so as to read as follows:

SEC. 18. That no owner or lessee of any building, or any part thereof, shall lease or let, or hire out the same or any portion thereof, to be occupied by any person, or allow the same to be occupied, as a place in which, or for any one, to dwell or lodge, except when said buildings or such parts thereof are sufficiently lighted, ventilated, provided and accommodated, and are in all respects in that condition of cleanliness and wholesomeness, for which this Code or any law of this State provides, or in which they or either of them require any such premises to be kept. Nor shall any such person rent, let, hire out, or allow, having power to prevent the same to be used as or for a place of sleeping or residence, any portion or apartment of any building, which apartment or portion has not at least one foot of its height and space above the level of every part of the sidewalk and curbstone of any adjacent street, nor of which the floor is damp by reason of water from the ground, or which is impregnated or penetrated by any offensive gas, smell, or exhalation prejudicial to health. But this section shall not prevent the leasing, renting, or occupancy of cellars or rooms less elevated than aforesaid and as a part of any building rented or let, when they are not let or intended to be occupied or used by any person as a sleeping apartment, or as a principal or sole dwelling apartment.

[L. S.]

JAMES C. BAYLES,

President.

EMMONS CLARK,
 Secretary.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED at the Hall of the Board of Education, No. 146 Grand street, by the School Trustees of the Twenty-third Ward, until Saturday, February 23, 1889, and until 10.30 o'clock A. M. on said day, for the Furniture required for Grammar School Building No. 85, on One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets, near Willis avenue.

Plans and specifications may be seen, and blank proposals obtained, at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Trustees reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

WM. R. BEAL,
 CHAS. B. LAWSON,
 FREDERICK FOLZ,
 WILLIAM HOGG,
 SAMUEL SAMUELS,

Board of School Trustees, Twenty-third Ward.

Dated New York, February 9, 1889.

COMMENCING MONDAY, JANUARY 14, 1889, a course of free lectures on the Natural Sciences and kindred subjects, for the benefit of workmen and working women, will be delivered in the following schools:

Grammar School No. 27, Nos. 208 and 210 East Forty-second street.
 Grammar School No. 42, No. 30 Allen street.
 Grammar School No. 51, No. 523 West Forty-fourth street.
 Grammar School No. 67, Nos. 223 to 229 West Forty-first street.
 Grammar School No. 82, corner of Seventieth street and First avenue.
 Grammar School No. 83, No. 216 East One Hundred and Tenth street.

The lectures will begin at eight o'clock P. M., and will be given every Monday and Thursday evening during the months of January, February, March and April, 1889.

DE WITT J. SELIGMAN,

Chairman,

GRACE H. DODGE,

MILES M. O'BRIEN,

W. J. WELCH,

R. GUGGENHEIMER,

Committee on Evening Schools.

ARTHUR McMULLIN,
 Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
 STAATS ZEITUNG BUILDING,
 NEW YORK, January 14, 1889.

IN COMPLIANCE WITH SECTION 817 OF THE City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1889, are and will remain open for examination and correction until the thirtieth day of April, 1889.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed, to the said Commissioners, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when between 10 A. M. and 12 M., at this office, during the same period.

MICHAEL COLEMAN,
 THOMAS L. FEITNER,
 EDWARD L. PARRIS,
 Commissioners of Taxes and Assessments.

DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,
 COMMISSIONER'S OFFICE,
 ROOM 6, No. 31 CHAMBERS ST.,
 NEW YORK, February 7, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M., Thursday, February 21, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR SEWER IN SEVENTY-FIFTH STREET, between Riverside and West End avenues.

No. 2. FOR SEWER IN SEVENTY-EIGHTH STREET, between Riverside and West End avenues.

No. 3. FOR FLAGGING AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON SOUTH SIDE OF FIFTY-FOURTH STREET, from Eighth to Ninth avenue.

No. 4. FOR FLAGGING AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON BOTH SIDES OF SEVENTY-NINTH STREET, from Boulevard to Hudson river.

No. 5. FOR LAYING AN ADDITIONAL COURSE OF FLAGGING AND REFLAGGING, CURBING AND RECURBING THE SIDEWALKS ON BOTH SIDES OF ONE HUNDRED AND SIXTEENTH STREET, between Pleasant avenue and Harlem river.

Each estimate must contain the name and place of residence of the person making the same, the name of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to enclose the same, the specifications and agreements, and any further information desired, can be obtained at Rooms 9 and 5, No. 31 Chambers street.

D. LOWBER SMITH,
 Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
 COMMISSIONER'S OFFICE,
 ROOM 6, No. 31 CHAMBERS ST.,
 NEW YORK, February 7, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A SEALED envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M., Thursday, February 21, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING MATERIALS AND PERFORMING THE WORK OF BUILDING A KEEPER'S HOUSE AT WILLIAMSBRIDGE RESERVOIR.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation is directly or indirectly interested in the estimate, or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the

amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 10, No. 31 Chambers street.

D. LOWBER SMITH,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, February 4, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder inclosed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M., Tuesday, February 19, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR SEWER IN TENTH AVENUE, west side, between a point about 316 feet north of One Hundred and Seventy-eighth street and a point about 10 feet north of One Hundred and Ninetieth street.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Room 9, No. 31 Chambers street.

D. LOWBER SMITH,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS ST.,
NEW YORK, February 4, 1889.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder inclosed thereon, also the number of the work as in the advertisement, will be received at this office until 12 o'clock M., Tuesday, February 19, 1889, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS WITH FOUR THOUSAND GROSS TONS (2,240 pounds to a ton) OF EGG SIZE LEHIGH AND WILKESBARRE COAL.

No. 2. FOR FURNISHING THE DEPARTMENT OF PUBLIC WORKS WITH THREE THOUSAND SEVEN HUNDRED GROSS TONS (2,240 pounds to a ton) OF BROKEN SIZE LEHIGH AND WILKESBARRE COAL.

No. 3. FOR FURNISHING, DELIVERING AND LAYING WATER-MAINS IN NINETEENTH STREET, EIGHTH AVENUE AND CENTRAL PARK.

No. 4. FOR FURNISHING AND DELIVERING STOP-COCKS, HYDRANTS, WOODEN HYDRANT BOXES AND CAST-IRON STOP-COCK BOXES.

No. 5. FOR FURNISHING AND DELIVERING ICE TO THE DEPARTMENT OF PUBLIC WORKS AND THE PUBLIC BUILDINGS AND OFFICES IN CARE OF SAID DEPARTMENT, FOR THE YEAR ENDING DECEMBER 31, 1889.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as a surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either 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 security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at Rooms 10 and 15, No. 31 Chambers street.

D. LOWBER SMITH,
Commissioner of Public Works.

REGULATIONS ESTABLISHING A SCALE OF WATER RENTS AND RULES GOVERNING THE USE OF WATER, FOR THE CITY OF NEW YORK, BY ORDER OF JOHN NEWTON, COMMISSIONER OF PUBLIC WORKS.

UNDER CHAPTER 410, LAWS 1882, SECTIONS 350, 351, 352 AND 353, and as amended by chapter 559, Laws 1887, as follows:

"The commissioner of public works shall, from time to time, establish scales of rents for the supplying of water, which rents shall be collected in the manner now provided by law, and which shall be apportioned to different classes of buildings in said city in reference to their dimensions, values, exposure to fires, ordinary uses for dwellings, stores, shops, private stables and other common purposes, number of families or occupants, or consumption of water, as near as may be practicable, and modify, alter, amend and increase such scale from time to time, and extend it to other descriptions of buildings and establishments. All extra charges for water shall be deemed to be included in the regular rents, and shall become a charge and lien upon the buildings upon which they are respectively imposed, and, if not paid, shall be returned as arrears to the clerk of arrears. Such regular rents, including the extra charges above mentioned, shall be collected from the owners or occupants of all such buildings respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water. Said rents, including the extra charges aforesaid, shall become a charge and lien upon such houses and lots, respectively, as herein provided, but no charge whatever shall be made against any building in which a water-meter may have been, or shall be placed as provided in this act. In all such cases the charge for water shall be determined only by the quantity of water actually used as shown by said meters. * * * * *

"The said commissioner of public works is hereby authorized to prescribe a penalty not exceeding the sum of five dollars for each offense, for permitting water to be wasted, and for any violation of such reasonable rules as he may, from time to time, prescribe for the prevention of the waste of water; such fines shall be added to the regular water rents."

The regular annual rents to be collected by the Department of Public Works shall be as follows, to wit:

Croton Water Rates for Buildings from 1 to 50 feet, and others not specified subject to Special Rates.

FRONT WIDTH.

1 Story. 2 Stories. 3 Stories. 4 Stories. 5 Stories.

16 feet and under. \$4 00 \$5 00 \$6 00 \$7 00 \$8 00

16 to 18 feet. 5 00 6 00 7 00 8 00 9 00

18 to 20 feet. 6 00 7 00 8 00 9 00 10 00

20 to 22 1/2 feet. 7 00 8 00 9 00 10 00 11 00

22 1/2 to 25 feet. 8 00 9 00 10 00 11 00 12 00

25 to 30 feet. 10 00 11 00 12 00 13 00 14 00

30 to 37 1/2 feet. 12 00 13 00 14 00 15 00 16 00

37 1/2 to 50 feet. 14 00 15 00 16 00 17 00 18 00

The rent of all tenements which shall exceed in width fifty feet shall be the subject of special contract with the Commissioner of Public Works.

The apportionment of the regular rents upon dwelling-houses are on the basis that but one family is to occupy the same, and for each additional family, one dollar per year shall be charged.

Meters will be placed on all houses where waste of water is found, and they will be charged at rates fixed by the Department for all the water passing through them. The extra and miscellaneous rates shall be as follows, to wit:

BAKERIES.—For the average daily use of flour, for each barrel, three dollars per annum.

BARBER SHOPS shall be charged from five to twenty dollars per annum each in the discretion of the Commissioner of Public Works; an additional charge of five dollars per annum shall be made for each bathtub therein.

BATHING TUBS in private houses, beyond one, shall be charged at three dollars per annum each, and five dollars per annum each in public houses, boarding-houses, and bathing establishments. Combination stationary wash-tubs, having a movable division in the centre and capable of use for bathing, shall be charged the same as bathing tubs.

BUILDING PURPOSES.—For each one thousand bricks laid, or for stone-work—to be measured as brick—ten cents per thousand. For plastering, forty cents per hundred yards.

COWS.—For each and every cow, one dollar per annum. DINING SALOONS shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

FISH STANDS (retail) shall be charged five dollars per annum each. For all stables not metered, the rates shall be as follows:

HORSES, PRIVATE.—For two horses there shall be charged six dollars per annum; and for each additional horse, two dollars.

HORSES, LIVERY.—For each horse up to and not exceeding thirty in number, one dollar and fifty cents each per annum; and for each additional horse, one dollar.

HORSES, OMNIBUS AND CART.—For each horse, one dollar per annum.

HORSE TROUGHS.—For each trough, and for each half barrel or tub on sidewalk or street, twenty dollars per annum; each trough is to be fitted with a proper ball-cock to prevent waste.

HOTELS AND BOARDING HOUSES shall, in addition to the regular rate for private families, be charged for each lodging room, at the discretion of the Commissioner of Public Works.

LAUNDRIES shall be charged from eight to twenty dollars per annum, in the discretion of the Commissioner of Public Works.

LIQUOR AND LAGER BEER SALOONS shall be charged an annual rate of ten dollars each. An additional charge of five dollars per annum shall be made for each tap or wash-box.

PHOTOGRAPH GALLERIES shall be charged an annual rate of from five to twenty dollars, in the discretion of the Commissioner of Public Works.

PRINTING OFFICES, when not metered, shall be charged at such rates as may be determined by the Commissioner of Public Works.

SODA, MINERAL WATER AND ROOT BEER FOUNTAINS shall be charged five dollars per annum each.

STEAM ENGINES, where not metered, shall be charged by the horse-power, as follows: For each horse-power up to and not exceeding ten, the sum of ten dollars per annum; for each exceeding ten, and not over fifteen, the sum of seven dollars and fifty cents each and for each horse-power over fifteen, the sum of five dollars.

WATER-CLOSETS AND URINALS.—To each building on a lot one water-closet having sewer connection is allowed without charge; each additional water-closet or urinal will be charged as hereinafter stated. All closets connected in any manner with sewer shall be charged two dollars for each seat per annum, whether in a building or on any other portion of the premises. Urinals shall be charged two dollars per annum each.

WATER-CLOSET RATES.—For hoppers of any form, when water is supplied direct from the Croton supply, through any form of the so-called single or double valves, hopper-cocks, stop-cocks, self-closing cocks, or any valve or cock of any description attached to the closet, each, per year, twenty dollars.

For any form of hopper or water-closet, supplied from the ordinary style of cistern filled with ball-cock, and overflow pipe that communicates with the pipe to the water-closet, so that overflow will run into the hopper or water-closet, when ball-cock is defective, or from which an unlimited amount of water can be drawn by holding up the handle, per year, each, five dollars.

For any form of hopper or water-closet, supplied from any of the forms of waste-preventing cisterns, that are approved by the Engineer of the Croton Aqueduct, which are so constructed that not more than three gallons of water can be drawn at each lift of the handle, or depression of the seat, if such cisterns are provided with an overflow pipe, such overflow pipe must not connect with the water-closet, but be carried like a safe-waste, as provided by the Board of Health regulations, per year, two dollars.

Cistern answering this description can be seen at this Department.

METERS.

Under the provisions of section 352, Consolidated Act 1882, water-meters, of approved pattern, shall be hereafter placed on the pipes supplying all stores, workshops, hotels, manufactories, public edifices, at wharves, ferry-houses, stables, and in all places where water is furnished for business consumption, except private dwellings.

It is provided by section 352, Laws of 1882, that "all expenses of meters, their connections and setting, water rates, and other lawful charges for the supply of Croton water, shall be a lien upon the premises where such water is supplied, as now provided by law." * * *

All manufacturing and other business requiring a large supply of water will be fitted with a meter.

Water measured by meter, ten cents per one hundred cubic feet.

Rate Without Meters.

PER DAY, GALLONS.	PER 100 GALLONS, RATE.	PER ANNUM, AMOUNT.
25	05	\$3 75
50	05	7 50
60	05	9 00
70	05	10 50
80	05	12 00
90	05	13 50
100	05	15 00
150	05	22 50
200	05	30 00
250	04 1/2	37 75
300	04	45 00
350	03 1/2	52 50
400	03 1/2	60 00
500	03 1/2	75 00
600	03 1/2	90 00
700	03 1/2	105 00
800	03 1/2	120 00
900	03 1/2	135 00
1,000	03 1/2	150 00
1,500	03	225 00
2,000	02 1/2	300 00
2,500	02 1/2	375 00
3,000	02 1/2	450 00
4,000	02 1/2	600 00
4,500	02 1/2	675 00
5,000	02 1/2	750 00
6,000	02	900 00
7,000	02	1,050 00
8,000	02	1,200 00
9,000	02	1,350 00
10,000	02	1,500 00

The rate charged for steam-vessels taking water daily or belonging to daily lines, is one-half cent per ton (Custom House measurement) for each time they take water.

Steamers taking water other than daily, one cent per ton (Custom House measurement).

Water supplied to sailing vessels and put on board, twenty-five cents per hundred gallons.

All matters not hereinbefore embraced are reserved for special contract by and with the Commissioner of Public Works.

HYDRANTS, HOSE, TROUGHS, FOUNTAINS, ETC., ETC.

No owner or tenant will be allowed to supply water to another person or persons.

All persons taking water from the City must keep their own service-pipes, street tap, and all fixtures connected therewith, in good repair, protected from frost, at their own risk and expense, and shall prevent all waste of water.

The use of hose to wash coaches, omnibuses, wagons, railway cars or other vehicles or horses, cannot be permitted.

No horse-troughs or horse-watering fixtures will be permitted in the street or on the sidewalk, except upon a license or permit taken out for that purpose. All licenses or permits must be annually renewed on the first of May. Such fixtures must be kept in good order and the water not allowed to drip or waste by overrunning the sidewalk or street, or to become dangerous in winter by freezing in and about such troughs or fixtures.

No hydrant will be permitted on the sidewalk or in the front area, and any hydrant standing in a yard or alley, attached to any dwelling or building, must not be left running when not in actual use, and if the drip or waste from such hydrant freezes and becomes dangerous in winter, the supply will be shut off in addition to the penalty of five dollars imposed.

Taps at wash-basins, water-closets, baths and urinals must not be left running, under the penalty of five dollars for each offense, which will be strictly enforced.

Fountains or jets in hotels, porter-houses, eating-saloons, confectioneries or other buildings are strictly prohibited.

The use of hose for washing sidewalks, stoops, areas, house-fronts, yards, court-yards, gardens, and about stables, is prohibited. Where premises are provided with wells, special permits will be issued for the use of hose, in order that the police or inspectors of this department may understand that the permission is not for the use of Croton water.

Opening fire-hydrants to fill hand sprinklers or other vessels will not be allowed.

The penalty for a violation of any of the preceding rules and regulations will be five dollars for each offense, and if not paid when imposed will become a lien on the premises in like manner as all other charges for unpaid water rates.

By order,

JOHN NEWTON,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, June 21, 1887.

PUBLIC NOTICE AS TO WATER RATES.

PUBLIC NOTICE IS HEREBY GIVEN THAT in compliance with the provisions of chapter 559, Laws of 1887, amending sections 350 and 321 of the New York City Consolidation Act of 1882, passed June 9, 1887, the following changes are made in charging and collecting water rents:

1st. All extra charges for water incurred from and after June 9, 1887, shall be treated, collected and returned in arrears in the same manner as regular rents have heretofore been treated.

2d. In every building where a water meter or meters are now, or shall hereafter be in use, the charge for water by meter measurement shall be the only charge against such building, or such part thereof as is supplied through meter.

3d. The returns of arrears of water rents, including the year 1887, shall be made as heretofore on the confirmation of the tax levy by the Board of Aldermen, and shall include all charges and penalties of every nature.

4th. A penalty of five dollars (\$5) is hereby established, and will be imposed in each and every case where the rules and regulations of the Department prohibiting the use of water through hose, or in any other wasteful manner, are violated, and such penalties will be entered on the books of the Bureau against the respective buildings or property, and, if not collected, be returned in arrears in like manner as other charges for water.

5th. Charges for so-called extra water rents of every nature, imposed or incurred prior to June 9, 1887, will be canceled of record on the books of the Department.

D. LOWBER SMITH,
Deputy and Acting Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, November 10, 1886.

NOTICE TO CROTON WATER CONSUMERS.

NUMEROUS APPLICATIONS HAVE BEEN made to this Department by citizens claiming reductions or rebates on bills for water supplied through meters, on the alleged ground of leakage caused by defective plumbing and worn-out service pipes, or by willful waste of water by tenants allowing the faucets to be turned on in full force in water-closets, sinks, etc., without the knowledge or consent of the owners of the premises.

The main object of the use of water-meters is to enable this Department to detect and check the useless and unwarrantable waste of an element so valuable and essential to the health and comfort of all the citizens, and this object can only be accomplished by enforcing payment for the water wasted.

Under the law all charges for water supplied through meters are a lien against the respective premises, and the law therefore holds the owner of the premises responsible for the amount of water used or wasted.

Notice is therefore given to all householders that in all further applications for reduction of water rents, no allowance will be made on account of waste of water occurring through leaks from defective service pipes or plumbing, or wasteful use of water by tenants or occupants of buildings, though such leakage or waste may have occurred without the knowledge or consent of the owners of the buildings.

House-owners are further notified that whenever their premises become vacant, and are likely to remain vacant, they must notify this Department in writing, and that unless this requirement is complied with no deductions in extra water rents will be allowed for any portion or one year.

JOHN NEWTON,
Commissioner of Public Works.

GRANTS OF LANDS UNDER WATER.

THE OWNERS OF LANDS IN THE CITY OF New York, which were formerly under water, and which were granted by the City of New York, are notified that nearly all of the grants of such lands contain covenants, on the part of the grantees, and their successors and assigns, to maintain and keep in repair the adjacent streets. The condition of many of these streets is such as to make it necessary that they should be repaired and repaved, and that the obligation resting upon the present owners of adjacent lots to do this work should now be enforced. Many of such owners have requested that such covenants be commuted, and wholly released, upon the payment by them of a certain sum per lot.

The matter will shortly be presented to the Commissioners of the Sinking Fund for their consideration, and the adjustment of the basis of commutation, and application for releases should therefore be made at once.

They may be sent to the undersigned.

Dated New York City, August 7, 1888.

JOHN NEWTON,
Commissioner of Public Works.

THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Price, single copy, 3 cents; annual subscription, by mail, \$9.30.

THOMAS COSTIGAN,
Supervisor.