

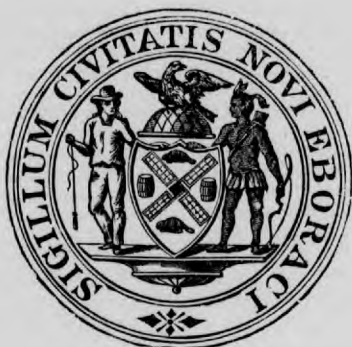
# THE CITY RECORD.

## OFFICIAL JOURNAL.

VOL. XV.

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### GAS COMMISSION.

*Abstract of the Proceedings of the Officers designated in Section 69 of the New York City Consolidation Act of 1882.*

THURSDAY, March 17, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 2.30 P. M., of Thursday, March 17, 1887.

Present—Abram S. Hewitt, Mayor; John Newton, Commissioner of Public Works.

On motion of the Commissioner of Public Works, the Mayor was elected Chairman.

The Commissioner of Public Works submitted a form of contract for furnishing the illuminating material for and lighting, etc., the streets, avenues, piers, parks and public places in the City of New York for the period of one year, commencing on May 1, 1887, and ending on April 30, 1888, and moved that the same be approved.

Which was adopted.

The Commissioner of Public Works then moved that 12 o'clock M. of Wednesday, March 30, 1887, be designated as the time, and the office of the Commissioner of Public Works as the place for opening the proposals.

Which was adopted.

The Secretary presented the following communication from the Department of Public Parks:

"Whereas, The public are prevented from using Mount Morris Park at night for want of light to make it agreeable and safe for visitors;

"Resolved, That the Gas Commission be and they are hereby requested to make immediate arrangements for lighting said park by electric lights."

Also a paper from the Department of Public Parks, requesting that the necessary action be taken to provide for the lighting of Bryant Park.

Also a report of the Engineers of Construction of said Department on the lighting of the bridge over the Harlem river at Third avenue by electric lights.

Which were laid over.

The Secretary presented a petition from Landman & Son, Wm. J. Hill, E. H. Tindale, Wm. H. Richards, Christopher Wray and fifty other residents of Third avenue, requesting that said avenue be lighted by electric lights.

Which was laid over.

On motion, the Board adjourned until 12 o'clock M. of March 30, 1887, to meet at the office of the Commissioner of Public Works.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

WEDNESDAY, March 30, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Commissioner of Public Works, at 2 o'clock P. M., of Wednesday, March 30, 1887.

All were present, viz.:

Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of March 17, 1887, were read and approved.

The Secretary presented an affidavit of J. C. Higgins, Clerk of the CITY RECORD, that an advertisement, inviting proposals for furnishing the illuminating material for and lighting, extinguishing, cleaning, repairing, and maintaining the public lamps on the streets, avenues, piers, parks and public places of the City of New York, for the period of one year, commencing on May 1, 1887, and ending on April 30, 1888, had been duly published in the CITY RECORD for ten days consecutively, commencing on the 19th day of March, 1887.

Which was ordered on file.

On motion, the estimate-box was then opened, and eleven proposals were found therein and publicly read, as follows:

The Consolidated Gas Company of New York—For furnishing illuminating gas (of not less than eighteen candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

For all that part of the City of New York south of the Harlem river.

For the sum of seventeen dollars and fifty cents.....	\$17 50
For each lamp-post straightened, the sum of one dollar and fifty cents.....	1 50
For each column releaded, the sum of one dollar and fifty cents.....	1 50
For each column refitted, the sum of three dollars and fifty cents.....	3 50
For each lamp-post removed, the sum of three dollars and fifty cents.....	3 50
For each lamp-post reset, the sum of eight dollars.....	8 00
For each new lamp fitted up, the sum of eight dollars.....	8 00

Sureties { Percy R. Pyne, No. 25 East Twenty-second street.  
Samuel Sloan, No. 7 East Thirty-eighth street.

The Equitable Gas-light Company of New York—For furnishing illuminating gas (of not less than twenty-eight candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

On all those streets or parts of streets in which the said company now has gas-mains, as per schedule attached to its bid.....	
For the sum of twelve dollars.....	\$12 00
For each lamp-post straightened, the sum of one dollar and fifty cents.....	1 50
For each column releaded, the sum of one dollar and fifty cents.....	1 50
For each column refitted, the sum of three dollars and fifty cents.....	3 50
For each lamp post removed, the sum of three dollars and fifty cents.....	3 50
For each lamp-post reset, the sum of ten dollars.....	10 00
For each new lamp fitted up, the sum of ten dollars.....	10 00

Sureties { R. M. C. Graham.  
John Fox.

The New York Mutual Gas-light Company—For furnishing illuminating gas (of not less than twenty-eight candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads,

lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

On the north, bounded by Seventy-ninth street, on the east by the East river, on the south by the north side of Thirty-fourth street, on the west by the North river, or as more particularly set forth on a schedule attached to the proposal, marked "A."

For the sum of seventeen dollars and fifty cents.....	\$17 50
For each lamp-post straightened, the sum of one dollar and fifty cents.....	1 50
For each column releaded, the sum of one dollar and fifty cents.....	1 50
For each column refitted, the sum of three dollars and fifty cents.....	3 50
For each lamp-post removed, the sum of three dollars and fifty cents.....	3 50
For each lamp-post reset, the sum of eight dollars.....	8 00
For each new lamp fitted up, the sum of eight dollars.....	8 00

Sureties { John P. Kennedy, No. 38 East Thirty-sixth street.  
Arthur Leary, No. 95 Fifth avenue.

The Central Gas-light Company of New York City—For furnishing illuminating gas (of not less than eighteen candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

In the Twenty-third Ward of the City of New York.

For the sum of twenty-eight dollars.....	\$28 00
For each lamp-post straightened, the sum of one dollar and fifty cents.....	1 50
For each column releaded, the sum of one dollar and fifty cents.....	1 50
For each column refitted, the sum of one dollar and fifty cents.....	1 50
For each lamp-post removed, the sum of three dollars and fifty cents.....	3 50
For each lamp-post reset, the sum of eight dollars.....	8 00
For each new lamp fitted up, the sum of eight dollars.....	8 00

Sureties { John J. Crane, No. 35 West Forty-seventh street.  
William R. Beal, No. 576 East One Hundred and Forty-second street.

The Northern Gas-light Company of New York City—For furnishing illuminating gas (of not less than eighteen candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

In all that part of the City of New York formerly constituting the Town of West Farms.

For the sum of thirty dollars.....	\$30 00
For each lamp-post straightened, the sum of one dollar and fifty cents.....	1 50
For each column releaded, the sum of one dollar and fifty cents.....	1 50
For each column refitted, the sum of three dollars.....	3 00
For each lamp-post removed, the sum of three dollars and fifty cents.....	3 50
For each lamp-post reset, the sum of eight dollars.....	8 00
For each new lamp fitted up, the sum of eight dollars.....	8 00

Sureties { B. W. Van Voorhis, Murray Hill Hotel.  
James R. Cummings, No. 45 Duane street.

The Yonkers Gas-light Company—For furnishing illuminating gas (of not less than twenty candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

In all that part of the Twenty-fourth Ward of the City of New York formerly known as the Town of Kingsbridge, except the section known as Woodlawn Heights.

For the sum of thirty dollars.....	\$30 00
For each lamp-post straightened, the sum of one dollar.....	1 00
For each column releaded, the sum of one dollar.....	1 00
For each column refitted, the sum of one dollar.....	1 00
For each lamp-post removed, the sum of one dollar and fifty cents.....	1 50
For each lamp-post reset, the sum of eight dollars.....	8 00
For each new lamp fitted up, the sum of eight dollars.....	8 00

Sureties { Thomas C. Cornell, Yonkers, N. Y.  
Samuel D. Babcock, No. 636 Fifth avenue.

The New York and New Jersey Globe Gas-light Company, Limited—For furnishing naphtha gas (of not less than eighteen candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

In that section of the City of New York known as Woodlawn Heights and vicinity, also that portion of the Twenty-fourth Ward in the City of New York, now lighted by the Yonkers Gas-light Co. (price includes furnishing of lamps and posts).

For the sum of twenty-five dollars.....	\$25 00
For each lamp-post straightened, the sum of one dollar.....	1 00
For each column releaded, the sum of one dollar.....	1 00
For each column refitted, the sum of two dollars.....	2 00
For each lamp-post removed, the sum of three dollars.....	3 00
For each lamp-post reset, the sum of five dollars.....	5 00
For each new lamp fitted up, the sum of five dollars.....	5 00

Sureties { Hervey C. Culkin, No. 167 Christopher street.  
William H. Hurst, No. 156 West Fifty-fourth street.

The United States Illuminating Company—For furnishing electric arc lights (of not less than one thousand candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

These streets and places are now lighted by arc lights—

Broadway, from Battery Park to Thirteenth street.....	about 53 lamps.
Battery Park.....	" 20 "
Fulton street, from East river to North river.....	" 17 "
City Hall Park.....	" 13 "
Chambers street, from Broadway to North river.....	" 8 "
South street, from Whitehall to Grand street.....	" 64 "
West street, from Battery to West Eleventh street.....	" 50 "
Washington Square.....	" 15 "
Fifth avenue, from Washington Square to Thirteenth street.....	" 7 "
Bleecker street and Eighth avenue, from Bowery to Thirteenth street.....	" 34 "
Gansevoort Market.....	" 13 "
Canal street, from Bowery to North river.....	" 26 "
East Broadway, from Chatham Square to Grand street.....	" 20 "
Tompkins Square.....	" 16 "
Catharine street, from Chatham Square to East river.....	" 7 "

Company's circuit wires now in these streets—

Cortlandt street, from Broadway to West street, to ferry.....	about 5 lamps.
Liberty street, from Broadway to West street, to ferry.....	" 5 "
Desbrosses street, from Canal to West street, to ferry.....	" 4 "
Christopher street, from Bleecker to West street, to ferry.....	" 7 "
Grand street, from East Broadway to East river, to ferry.....	" 7 "
Houston street, from Bowery to East river, to ferry.....	" 22 "
Whitehall street, from Bowling Green to South Ferry, to ferry.....	" 5 "
Water-front, from Grand to Thirteenth street, East river.....	" 16 "
Chambers street, Broadway to Chatham street.....	" 5 "

The light to be furnished from the lamps herein bid for to be fully equal to those furnished the City by this company for the past three years, and which, according to the French standard of measurement heretofore adopted, measure over 2,000 candle-power each.



For the sum of sixty-five cents (65 cents) per night for each lamp.  
Said lights to be placed on lamp-posts to be furnished free of expense to the City.  
The diameter of the carbon electrode is  $\frac{1}{2}$  to 7-16 of one (1) inch.  
Sureties { Marcellus Hartley, No. 232 Madison avenue.  
              James Stokes, No. 59 Liberty street.

The Brush Electric Illuminating Company of New York—For furnishing electric lights such as have been furnished during the past year, and supplied in the same manner, being voltaic arc lights on the ordinary street posts, not less than 2,000 candle-power, and the masts in Union and Madison Squares an aggregate of 32,000 candle-power each mast, or equivalent to sixteen arc lights of 2,000 candle-power, with carbons of 7-16 and  $\frac{3}{8}$  inch diameter, by photometric test, made at a distance of not less than one mile from the place of manufacture, for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

*Lights Furnished City during the past Year.*

Fourth avenue, from Eighteenth to Forty-second street	25 lamps.
Fifth avenue, from Fourteenth to Fifty-ninth street	41 "
Seventh avenue, from Fourteenth to Fifty-ninth street	43 "
Broadway, from Fourteenth to Fifty-ninth street	47 "
Fourteenth street, from river to river	40 "
Twenty-third street, from river to river	34 "
Thirty-fourth street, from river to river	36 "
Forty-second street, from river to river	36 "
Fifty-ninth street, from Third to Ninth avenue	22 "
Union Square mast lights (equivalent to 16)	12 "
Madison Square mast lights (equivalent to 16)	12 "

Total, three hundred and forty-eight. 348 lamps.

At sixty-five cents (65 cents) each per night, or such portion of these spaces, and such number of said lamps, at same price, as may be prescribed by the Gas Commission.

Additional lights, ordinary street lamp-posts, for Bryant Park, 10 lights, at sixty-five cents (65 cents) each per night.

Sureties { David L. Einstein, No. 14 White street, N. Y.  
              William A. Wheelock, No. 320 Broadway, N. Y.

The Harlem Lighting Company—For furnishing electric arc lights, voltaic (of not less than 2,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing, and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

*In Streets and Avenues:*

About 38 lights on One Hundred and Twenty-fifth street, from East river to Manhattan street and Manhattan street, from One Hundred and Twenty-fifth street to North river, for each light per night, the sum of forty-eight cents (48 cents), or one hundred and seventy-five 20-100 dollars per year (\$175.20).

About 44 lights on Third avenue, from Eighty-sixth to One Hundred and Thirtieth street, for each light per night, the sum of forty-eight cents (48 cents), or one hundred and seventy-five 20-100 dollars per year (\$175.20).

*In Mount Morris Park:*

One tower of 4 lights (of 2,000 candle-power each), for each light per night, the sum of seventy cents (70 cents), or two hundred and fifty-five 50-100 dollars per year (\$255.50), and 4 arc lights on poles, for each light per night, the sum of forty-eight cents (48 cents), or one hundred and seventy-five 20-100 dollars per year.

Or, 50 incandescent lights (of 16 candle-power each), to be placed on lamp-posts furnished by the City, or on small ornamental incandescent lamp-posts to be furnished by the company at a cost of five dollars each, to be paid for by the City, in place of the four arc-lights above mentioned, for each light per night, the sum of five cents (5 cents), or eighteen 25-100 dollars per year (\$18.25).

Or, in place of all the above lights in Mount Morris Park, 12 arc-lights, for each light per night, the sum of forty-eight cents (48 cents), or one hundred and seventy-five 20-100 dollars per year (\$175.20).

On Harlem Bridge, Third avenue, from One Hundred and Thirtieth to One Hundred and Thirty-third street:

About 7 lights, each light per night, the sum of seventy cents (70 cents), or two hundred and fifty-five 50-100 dollars per year (\$255.50); or such parts or portions of the above-named streets, avenues, parks or bridge, at the prices therein mentioned, as the Gas Commission may see fit to award.

Said lights to be placed on posts furnished free of expense to the City, except for the incandescent posts in Mount Morris Park. The diameter of the carbon electrodes is  $\frac{1}{2}$  to 7-16 of one inch.

Sureties { A. L. Souland.  
              John H. Hapgood.

The North New York Lighting Company—For furnishing electric arc lights (of not less than 2,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

About 45 lights on Third avenue, from One Hundred and Thirty-third to One Hundred and Seventieth street, for each light per night the sum of fifty-five cents (55 cents), or the sum of \$200.75 per lamp per year.

Said lights to be placed on lamp-posts to be furnished free of expense to the City. The diameter of the carbon electrodes is  $\frac{1}{2}$  to 7-16 of one inch.

Sureties { Jordan L. Mott, Jr., No. 63 West Fifth street.  
              Thornton N. Motley, No. 104 East Thirty-eighth street.

Attached to the proposal of the Harlem Lighting Company was the following communication:

NEW YORK, March 20, 1887.

*To the Honorable Board of Gas Commissioners:*

GENTLEMEN—In the bid offered by my company for lighting in Mt. Morris Park from a tower, the reason why we charge 70 cents per light per night, instead of 48 cents, is that the tower we propose to erect is expensive, being the same as in use in the City of Detroit, Michigan, and costs about \$1,200. In regard to the lights on Harlem Bridge, the reason why we charge 70 cents per night per light instead of 48 cents, is that it cost for a submarine cable in order to furnish lights on the draw, and the electrical construction, over \$2,000. If light was desired on each end of the bridge and not on the draw they could be supplied for 48 cents.

A. L. SOULARD, President Harlem Lighting Company.

The several proposals were then taken up for consideration, and the Commissioner of Public Works offered the following resolution:

Resolved, That an award of contract be made to the Equitable Gas-light Company of New York, at the rates specified in its proposal, for the furnishing of illuminating gas of not less than twenty-eight candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture, for each lamp, including the lighting, extinguishing, cleaning, repairing and maintaining, and fitting up new lamps where required, on all those streets or parts of streets in which said company now has gas-mains, as shown on a schedule attached to and part of the proposal, excepting such streets or parts of streets as this Board may determine to be lighted by electric lights.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Comptroller offered the following resolution:

Resolved, That an award of contract be made to the Consolidated Gas Company of New York, at the rate specified in its proposal, for the furnishing of illuminating gas of not less than eighteen candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture, for each lamp, including the lighting, extinguishing, cleaning, repairing and maintaining, and fitting up new lamps where required, in all that part of the City of New York lying south of the Harlem river and Spuyten Duyvil creek, excepting such streets or parts of streets as are to be lighted by the Equitable and New York Mutual Gas-light Companies, and excepting such streets or parts of streets, parks and public places as this Board may determine to be lighted by electric lights.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Comptroller offered the following resolution:

Resolved, That an award of contract be made to the New York Mutual Gas-light Company, at the rates specified in its proposal, for the furnishing of illuminating gas of not less than twenty-eight candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture, for each lamp, including the lighting, extinguishing, cleaning, repairing and main-

taining, and fitting up new lamps where required, on the streets or parts of streets designated on a schedule attached to and part of its proposal, excepting such streets or parts of streets which are to be lighted by the Equitable Gas-light Company, and excepting such streets or parts of streets as this Board may determine to be lighted by electric lights.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

Mr. William R. Beal, President of the Central Gas-light Co., and Charles W. Bathgate, President of the Northern Gas-light Co., then addressed the Board in regard to the bids of said companies, and Mr. Nicholas R. O'Connor, Secretary of the New York and New Jersey Globe Gas-light Co., addressed the Board in regard to the proposal of said company to light the district now lighted by Yonkers Gas Co.

The Mayor then offered the following resolution:

Resolved, That an award of contract be made to the Central Gas-light Company for furnishing the gas to and lighting, extinguishing, repairing, and reglazing the public lamps in the Twenty-third Ward of the City of New York, except such streets or parts of streets as may be lighted by electric lights, for the period from May 1, 1887, to April 30, 1888, both days inclusive, at the rate of twenty-eight dollars for each lamp for said term.

For each lamp-post straightened, the sum of one dollar and fifty cents	1 50
For each column releaded, the sum of one dollar and fifty cents	1 50
For each column refitted, the sum of one dollar and fifty cents	1 50
For each lamp-post removed, the sum of three dollars and fifty cents	3 50
For each lamp-post reset, the sum of eight dollars	8 00
For each new lamp fitted up, the sum of eight dollars	8 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Comptroller then moved that the proposals of the Northern and the Yonkers Gas-light Companies be laid over for further consideration.

Which was adopted.

The following communication was received:

FOOT OF TWENTIETH STREET AND EAST RIVER, NEW YORK, }  
March 30, 1887, eleven thirty A. M. }

Hon. ABRAM S. HEWITT, Mayor; Hon. EDWARD V. LOEW, Comptroller; Hon. JOHN NEWTON, Commissioner of Public Works:

GENTLEMEN—To-day, at the hour of noon, bids for public lighting by gas and electricity must be put in; only yesterday did the Board of Aldermen pass favorably upon our application made two months ago, for permission to use electrical conductors in this city; the same has not, in the short time that has elapsed, up to this hour, received the approval of the Mayor, and accordingly, though ready with certified check and two sufficient sureties, we are not in a position to put in a bid to-day at noon.

We stand ready to do the public electric lighting at a figure greatly below the exorbitant rate fixed without real competition by the existing joint monopoly, and we hope within a few days to be in a position to be a competitor, the only competitor, to the present combination.

In view of all the circumstances we respectfully suggest—would it not be wise public policy to delay opening bids to-day, or, if same be opened, that the work be not let but readvertised for the 15th April, the date on which the letting was fixed last year?

I have the honor to be, very respectfully, yours,

(Signed) SEYMOUR G. SMITH, President East River Electric Light Co.

The Commissioner of Public Works then moved that the matter of electric lighting be laid over for future consideration.

Which was adopted.

The Secretary was then directed to inform the East River Electric Light Company that action on electric lighting had been deferred.

A communication was received from A. S. Rosenbaum requesting that University place be lighted by electric lights.

Which was ordered on file.

Six petitions, containing 2,034 signatures, were received, as follows:

NEW YORK, March , 1887.

*To the Honorable the Gas Commission of the City of New York:*

GENTLEMEN—The undersigned citizens, who are in the habit of crossing Harlem Bridge, respectfully petition your Honorable Board to take such measures as will continue the electric lights which have lighted the Third Avenue (Harlem) Bridge for the past winter. We submit that this is a real necessity, and as good citizens think that the Twelfth, Twenty-third and Twenty-fourth Wards are entitled to this favor at your hands.

And your petitioners will ever pray.

Which were ordered on file.

On motion, the Board then adjourned.

S. MCCORMICK, Superintendent Lamps and Gas, Secretary.

THURSDAY, April 14, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882, met in the office of the Mayor at 2 o'clock P. M. of Thursday, April 14, 1887.

All were present, viz.:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of March 30, 1887, were read and approved.

The following communication was read:

OFFICE OF THE NORTHERN GAS-LIGHT COMPANY OF NEW YORK CITY, }  
No. 1845 VANDERBILT AVENUE. }

Chas. W. Bathgate, President.

John S. Bush, Secretary and Treasurer.

NEW YORK, April 5, 1887.

Hon. A. S. HEWITT, Mayor; EDWARD V. LOEW, Comptroller; JOHN NEWTON, Commissioner of Public Works:

The Northern Gas-light Company desire to amend the bid of March 29 by substituting \$29 in lieu of \$30.

CHAS. W. BATHGATE, President Northern Gas-light Company.

Which was ordered on file.

The Commissioner of Public Works offered the following resolution:

Resolved, That an award of contract be made to the Northern Gas-light Company of New York City for furnishing the gas to and lighting, extinguishing, cleaning, repairing and reglazing the public lamps in that part of the Twenty-fourth Ward of the City of New York formerly constituting the Town of West Farms, for the period from May 1, 1887, to April 30, 1888, both days inclusive, at the rate of twenty-nine dollars for each lamp for said term.

For each lamp-post straightened, the sum of one dollar and fifty cents	1 50
For each column releaded, the sum of one dollar and fifty cents	1 50
For each column refitted, the sum of three dollars	3 00
For each lamp-post removed, the sum of three dollars and fifty cents	3 50
For each lamp-post reset, the sum of eight dollars	8 00
For each new lamp fitted up, the sum of eight dollars	8 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Secretary presented the following communication:

OFFICE OF THE YONKERS GAS-LIGHT COMPANY, }  
YONKERS, NEW YORK, April 7, 1887. }

*To the Honorable the Mayor, the Comptroller and the Commissioner of Public Works of the City of New York:*

GENTLEMEN—Notwithstanding that the Yonkers Gas-light Company has laid nearly eleven miles of mains in the Riverdale and Kingsbridge districts and has only eighty-one consumers thereon, or averaging less than eight consumers to a mile, and that much of this main was laid at the request of the City of New York to light public lamps, and that this company took the risk when thus requested by the City and laid the mains because it relied upon the City continuing to pay \$30 for the public lamps until the future might bring a paying business, which has not yet come, yet this company, desiring to meet the wishes of your Honorable Commission, hereby agrees to reduce its proposal of \$30 to the sum of \$29 per year for each lamp.

THOMAS C. CORNELL, President Yonkers Gas-light Company.

Which was ordered on file.

The Comptroller offered the following resolution:

Resolved, That an award of contract be made to the Yonkers Gas-light Company for furnishing the gas to and lighting, extinguishing, cleaning, repairing and reglazing the public lamps in that part of the Twenty-fourth Ward of the City of New York, formerly constituting the Town of Kingsbridge, except the section known as Woodlawn Heights, for the period from May 1, 1887, to April 30, 1888,



both days inclusive, at the rate of twenty-nine dollars for each lamp for said term. . . . . \$29 00  
 For each lamp-post straightened, the sum of one dollar. . . . . 1 00  
 For each column releaded, the sum of one dollar. . . . . 1 00  
 For each column refitted, the sum of one dollar. . . . . 1 00  
 For each lamp-post removed, the sum of one dollar and fifty cents. . . . . 1 50  
 For each lamp-post reset, the sum of eight dollars. . . . . 8 00  
 For each new lamp fitted up, the sum of eight dollars. . . . . 8 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Commissioner of Public Works offered the following resolution:

Resolved, That an award of contract be made to the New York and New Jersey Globe Gas-light Company, Limited, for furnishing and lighting naphtha lamps, including the extinguishing, cleaning, repairing and reglazing in that part of the Twenty-fourth Ward of the City of New York, known as Woodlawn Heights, for the period from May 1, 1887, to April 30, 1888, both days inclusive, at the rate of twenty-five dollars for each lamp for said term. . . . . \$25 00

For each lamp-post straightened, the sum of one dollar. . . . . 1 00  
 For each column releaded, the sum of one dollar. . . . . 1 00  
 For each column refitted, the sum of two dollars. . . . . 2 00  
 For each lamp-post removed, the sum of three dollars. . . . . 3 00  
 For each lamp-post reset, the sum of five dollars. . . . . 5 00  
 For each new lamp fitted up, the sum of five dollars. . . . . 5 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Mayor moved that all the bids for electric-lighting be rejected.

Which was adopted.

The Commissioner of Public Works then moved that an advertisement be prepared inviting proposals for electric-lighting, and that said proposals be received until 12 o'clock M., of Tuesday, April 26, 1887, when the same be opened and read.

Which was adopted.

A form of advertisement, inviting proposals for furnishing, maintaining and lighting electric lamps was then signed by the Mayor, Comptroller and Commissioner of Public Works, and the Secretary was directed to cause the same to be published in the CITY RECORD for ten consecutive days.

On motion, the Board then adjourned.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

TUESDAY, April 26, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Commissioner of Public Works, at 12 o'clock M., of Tuesday, April 26, 1887.

All were present, viz:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of April 14, 1887, were read and approved.

The Secretary presented an affidavit of J. C. Higgins, Clerk of the CITY RECORD, that an advertisement inviting proposals for furnishing, lighting and maintaining electric lights for the period from May 1, 1887, to April 30, 1888, had been duly published in the CITY RECORD for ten consecutive days, commencing on April, 1887.

Which was ordered on file.

The estimate-box was then opened, and six proposals were found therein and publicly read, as follows:

The United States Illuminating Company—For furnishing electric arc lights (of not less than 1,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

These streets and places are now lighted by arc lights:

Broadway, from Battery Park to Thirteenth street. . . . .	about 53 lamps.
Battery Park. . . . .	20 "
Fulton street, from East river to North river. . . . .	17 "
City Hall Park. . . . .	13 "
Chambers street, from Broadway to North river. . . . .	8 "
South street, from Whitehall to Grand street. . . . .	64 "
West street, from Battery to West Eleventh street. . . . .	50 "
Washington Square. . . . .	15 "
Fifth avenue, from Washington Square to Thirteenth street. . . . .	7 "
Bleecker street and Eighth avenue, from Bowery to Thirteenth street. . . . .	34 "
Gansevoort Market. . . . .	13 "
Canal street, from Bowery to North river. . . . .	26 "
East Broadway, from Chatham Square to Grand street. . . . .	20 "
Tompkins Square. . . . .	16 "
Catharine street, from Chatham Square to East river. . . . .	7 "

Company's circuits now in these streets:

Cortlandt street, from Broadway to West street, to ferry. . . . .	about 5 lamps.
Liberty street, from Broadway to West street, to ferry. . . . .	5 "
Desbrosses street, from Canal to West street, to ferry. . . . .	4 "
Christopher street, from Bleecker to West street, to ferry. . . . .	7 "
Grand street, from East Broadway to East river, to ferry. . . . .	7 "
Houston street, from Bowery to East river, to ferry. . . . .	22 "
Whitehall street, from Bowling Green to South Ferry, to ferry. . . . .	5 "
Water-front, from Grand street to Thirteenth street, East river. . . . .	16 "
Chambers street, Broadway to Chatham street. . . . .	5 "

The light to be furnished from the lamps herein bid for to be fully equal to those furnished the City by this company for the past three years, and which, according to the French standard of measurement heretofore adopted, measure over 2,000 candle-power each. For the sum of fifty (50) cents per night for each lamp, equal to one hundred and eighty-two 50-100 (182.50) dollars per year for each lamp.

Said lights to be placed on lamp-posts to be furnished free of expense to the City. The diameter of the carbon electrode is  $\frac{1}{2}$  to 7-16 of one inch.

Sureties } Marcellus Hartley, No. 232 Madison avenue.  
 } James Stokes, No. 59 Liberty street.

The Brush Electric Illuminating Company of New York—For furnishing electric lights, being voltaic arc on the ordinary street posts (not less than 1,200 candle-power) and the masts in Union and Madison Squares, an aggregate of 14,400 candle-power each mast, or equivalent to 12 arc lights of 1,200 candle-power, with carbons of 7-16 and  $\frac{3}{8}$  inch diameter, by photometric test, made at a distance of not less than one mile from the place of manufacture, for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

Fourth avenue, from Eighteenth to Forty-second street. . . . .	25 lamps.
Fifth avenue, from Fourteenth to Fifty-ninth street. . . . .	41 "
Seventh avenue, from Fourteenth to Fifty-ninth street. . . . .	43 "
Broadway, from Fourteenth to Fifty-ninth street. . . . .	47 "
Fourteenth street, from river to river. . . . .	40 "
Twenty-third street, from river to river. . . . .	34 "
Thirty-fourth street, from river to river. . . . .	36 "
Forty-second street, from river to river. . . . .	36 "
Fifty-ninth street, from Third to Ninth avenue. . . . .	22 "
Union Square mast lights (equivalent 12). . . . .	12 "
Madison Square mast lights (equivalent 12). . . . .	12 "
Bryant Park. . . . .	10 "

And in addition to the above, if permission is given to our company to erect poles and string wires, we would light Ninth, Eighth, Sixth, Madison, Fourth, Lexington, Third and Second avenues, and the North and East river fronts, from Fourteenth street to Fifty-ninth street, amounting in all to six hundred (600) lights, at fifty (50) cents each per night, or such portion of these spaces, and such number of said lamps, at same price, as may be prescribed by the Gas Commission.

Sureties } William L. Strong, No. 75 Worth street.  
 } William A. Wheelock, No. 320 Broadway.

The Harlem Lighting Company—For furnishing electric arc lights (of not less than 1,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

This light is that known as the standard 2,000 candle-power, and is produced by burning a carbon of 7-16 inch diameter, with an electric current of ten amperes and electro-motive force of forty-five volts.

On One Hundred and Twenty-fifth street, from East river to Manhattan avenue, and thence to North river. . . . .	38 lights, at 44½ cents per night each.
On Third Avenue Bridge. . . . .	7 " 70 "
In Mount Morris Park, four arc lights on a tower one hundred and fifty feet high. . . . .	4 " 70 "
And fifty incandescent lights of sixteen candle-power, each. . . . .	50 " 5 "
Or Mount Morris Park, twelve arc lights. . . . .	12 " 44½ "
On First avenue, from One Hundred and Tenth to One Hundred and Twenty-fifth street. . . . .	15 " 44½ "
On Fourth avenue, from One Hundred and Sixteenth to One Hundred and Thirty-first street. . . . .	15 " 44½ "
On Madison avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street. . . . .	12 " 44½ "
On Fifth avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street. . . . .	12 " 44½ "
On Sixth avenue, from One Hundred and Tenth to One Hundred and Thirty-sixth street. . . . .	26 " 44½ "
On Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-first street. . . . .	41 " 44½ "
On Eighth avenue, from One Hundred and Twenty-first to One Hundred and Fifty-fifth street. . . . .	34 " 44½ "

Sureties } A. L. Souland.  
 } John H. Hapgood.

The North New York Lighting Company—For furnishing electric arc lights (of not less than 1,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

About 70 lights on Third avenue, from Bridge to One Hundred and Seventieth street.  
 About 8 lights on One Hundred and Thirty-eighth street, from Third avenue to Madison Avenue Bridge.  
 About 10 lights on Alexander avenue, from Southern Boulevard to junction of Third avenue.  
 About 10 lights on Willis avenue, from Southern Boulevard to junction of Third avenue.  
 About 15 lights on Courtland avenue, from Third avenue to One Hundred and Sixty-first street.

About 7 lights on Southern Boulevard, from Third avenue to Willis avenue.  
 About 21 lights on Washington avenue, from Third avenue to One Hundred and Seventieth street.

About 6 lights on One Hundred and Fifty-sixth street, from Third avenue to St. Ann's avenue.  
 Or such parts or portions of the above streets and avenues as the Gas Commission may see fit to award.

For the sum of, each light per night, forty-eight (48) cents, or one hundred and seventy-five and 20-100 dollars per year.

All the lights to be furnished are known as full arc standard 2,000 candle-power lights, double lamps, of the newest improvement of the Thomson-Houston system.

Said lights to be placed on lamp-posts to be furnished free of expense to the City.

The diameter of the carbon electrodes is  $\frac{1}{2}$  to 7-16 of one inch.

Sureties } Thornton N. Motley.  
 } Jordan L. Mott, Jr.

The East River Electric Light Company, for furnishing electric voltaic arc lights (of not less than 1,000 candle-power, by photometric test, in one direction at an angle of 30 degrees from the horizontal, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

Avenue B, from Twentieth street south, and Clinton street. . . . .	about 25 lights, \$197 00 each.
Avenue A, from Twenty-third street south, and Essex street. . . . .	25 " 197 00 "
Astor place, Cooper Union Square, Stuyvesant and Tenth streets, from Second avenue to East river ferry. . . . .	20 " 197 00 "
Houston street, from Broadway to East river ferry. . . . .	15 " 197 00 "
Park Row. . . . .	10 " 197 00 "
Broadway, from Twenty-third to Thirty-fourth street. . . . .	12 " 171 50 "
Twenty-third street, from Sixth avenue to East river. . . . .	12 " 171 50 "
Fourteenth street, from Sixth avenue to East river. . . . .	20 " 171 50 "
Tompkins Square Park. . . . .	16 " 197 00 "
East Broadway. . . . .	20 " 197 00 "
City Hall Park. . . . .	13 " 197 00 "
Grand street, from Broadway to East river ferry. . . . .	17 " 171 50 "

—being a total sum for all above-mentioned lights of thirty-nine thousand three hundred and forty-four dollars (\$39,344) per year, and being a total of two hundred and eight lamps (208), and the diameter of the carbon electrodes is from one-half to seven-tenths of one inch. The electric lamps are to be used on the ordinary lamp-posts (extended) and on special lamp-posts to be fitted up by the bidder without any cost to the City, as may be directed.

All the lights to be furnished as above are known as full arc 2,000 candle-power lights, and are in double lamps of the most improved pattern.

For each lamp-post straightened, the sum of. . . . . \$1 00 per post.  
 For each column releaded, the sum of. . . . . 1 00 "  
 For each column refitted, the sum of. . . . . 1 00 "  
 For each lamp-post removed, the sum of. . . . . 1 00 "  
 For each lamp-post reset, the sum of. . . . . 1 00 "  
 For each new lamp fitted up, the sum of. . . . . 1 00 "

The East River Electric Light Company will also furnish, free of cost to the City of New York, one standard arc light for every fifty of such lights by it furnished to private consumers.

Sureties } Peter Butterly, No. 402 East Fifteenth street, New York.  
 } Edward Duffy, No. 231 East Eighteenth street, New York.

The Waterhouse Electric and Manufacturing Company—For furnishing electric arc lights (of not less than 1,000 candle-power, by photometric test, made at a distance of not less than one mile from the place of manufacture), for each lamp, including the lighting, extinguishing, cleaning, repairing, reglazing and painting lamp-posts and lanterns, replacing the cocks, tubes, burners, crossheads, lamp-irons and lanterns thereto, for the period from May 1, 1887, to April 30, 1888, both days inclusive, in the following-described district, to wit:

This light is that known as the standard 2,000 C. P., produced by burning a 7-16 carbon with electric current of 10 amperes and electro-motive force of 45 volts.

Fifth avenue, Washington Square to Fifty-ninth street. . . . .	48 lights.
Broadway, Canal to Fifty-ninth street. . . . .	72 "
Washington Square. . . . .	15 arc lights or incandescent lights, \$18.25 each.
Madison Square tower. . . . .	12 lights, \$207 each.
Union Square tower. . . . .	12 " 207 "
Fifty-ninth street, Third to Ninth avenue. . . . .	22 lights.
Fourteenth street, Fourth avenue to North river. . . . .	23 "
Twenty-third street, Fourth avenue to North river. . . . .	26 "
Thirty-fourth street, Fourth avenue to North river. . . . .	20 "
Forty-second street, Fourth avenue to North river. . . . .	20 "

All these lights, except those on the masts, at 42½ cents per night each, and for the lights on masts, \$207 per year.

Sureties } A. L. Souland.  
 } John H. Hapgood.

The following communication was inclosed with the proposal of the United States Illuminating Company:

THE UNITED STATES ILLUMINATING COMPANY,  
 NOS. 59 AND 61 LIBERTY STREET,  
 NEW YORK, April 26, 1887.

To the Honorable Gas Commission of the City of New York:

GENTLEMEN—We have this day made proposals to your body for lighting certain streets, parks and places in this city with the electric arc light, at prices greatly below those heretofore paid.

I deem it proper to state, in view of the prices named in our bid, that the cost of producing electric light in the City of New York is very much in excess over that prevalent in other cities and towns throughout the country. Stations, coal, water and other supplies, and labor, which enter largely into the expense of the production of the electric light, cost more in this city than elsewhere, and while it is the desire to afford to the City of New York, for public use, electric light as cheaply as this company can afford to do it we do not consider that it should be supplied at a price which would entail loss upon the service.

The City lights run from dark until daylight for a price lower than has been paid by the commercial classes for a light of an average of four hours less per night, and it is owing to the fact of the large number of commercial lights paying enhanced rates that the company is enabled to give to the City an all-night light for the price named.



It is confidently expected, in view of the low price we have bid, that all the lights so bid for, including the streets leading to the ferries, under the proposal this day submitted, shall be awarded to this company, we having only bid in such streets where our circuit wires are now in position, ready for service.

There are many localities in the city where our electric light could have been introduced to the benefit of commercial users, and in the same localities public street lighting would ultimately have followed; but recent legislation has prevented any extension of the electric light service, and consequently the prices for such service are not as low as they would have been had its use been more widely distributed.

Inasmuch as the Subway Commission have refused permission to construct additional lines of electric light conductors and poles in the built-up portions of the city, and as we are informed by able counsel that the said Commission have no power to give such permission, we are reluctantly compelled to bid only for such streets, parks and places as can be reached by our existing lines.

Respectfully, yours,

EUGENE T. LYNCH, President.

The following communication was received:

A. J. DITTENHOEFER, ATTORNEY AND COUNSEL,  
Nos. 96 BROADWAY, 6 WALL STREET, 5 PINE STREET, ROOMS 138-143,  
NEW YORK, April 23, 1887.

Hon. ABRAM S. HEWITT, Mayor, and Chairman of the Gas Commission, New York City:

DEAR SIR—I beg to present to you the following facts, and request that they be submitted to the Commission:

1st. A resolution is pending before the Board of Aldermen granting to the Waterhouse Electric Manufacturing Company permission to erect poles and string wires to enable them to put in a bid before your Commission for lighting the city. Said resolution was, at the last meeting of the Board, referred to the Law Committee.

2d. As counsel on behalf of the said Waterhouse Company, I appeared before the Law Committee, which had advertised to hold a session for the purpose of hearing this application yesterday (April 22), at 1 P. M. I made an argument in favor of passing the resolution and granting the application.

3d. The Waterhouse Company is an old established company, incorporated under the Laws of Connecticut; has an actual paid up cash capital of \$150,000. Its system is in successful operation in Harlem, this State; Sacramento, California; Newark, New Jersey; Hartford and Willimantic, Connecticut, and many other places. They employ 150 men, and occupy the whole west end of Colt's armor establishment in Hartford, Connecticut.

4th. I was informed that no action could be had, even assuming that the committee would report on the matter, until the next session of the Board of Aldermen on Tuesday, April 26, at 1 P. M.

5th. The bids submitted to the Gas Commission are to be opened, as announced, on that same day, at 12 M.

6th. If it be necessary that a resolution shall be passed in order to give the Waterhouse Company a standing to make a bid, it is apparent it cannot acquire such standing in time.

Now, as this is no fault of the Waterhouse Company, but the delay is due to the fact that no action can be had by the Board of Aldermen until after the time announced for the opening of the bids, it is respectfully submitted that fairness and equity to the company, if not to the interest of the City to have competition in the matter of bids, requires that a further extension of time be given for submitting the bids before they are opened.

Respectfully,

A. J. DITTENHOEFER.

NEW YORK, April 21, 1887.

Which was ordered on file.

Mr. STEPHEN McCORMICK, Superintendent of Lamps and Gas, No. 31 Chambers street, N. Y.:

DEAR SIR—We, the undersigned, beg leave to protest against the electric lights being placed on the Third Avenue Bridge, Harlem river. As I have two tugs, viz.: "John Halliard," and "Howard Carroll," engaged in towing car floats for the New York City and Northern Railroad, which necessitates our passing through said bridge every night, and the lights are very blinding to pilots, and as the space is small and narrow, and the tide runs strong and crosswise of the draw that it is almost impossible to pass clear of abutments and piers, even in day-time, when pilots can have full use of eyesight. And if the privilege of seeing our way is to be obstructed by the placing of blinding lights upon the bridge, so that we have to go in total blindness, the damage to life and property will be so great that we will be compelled to withdraw from our charter, and consider navigation in the Harlem river closed, as far as night work is concerned, which will be very damaging to the business now being done in the vicinity and beyond Third Avenue Bridge.

Trusting that you will consider this matter and not deprive us the privileges we now have.

I remain, yours, very respectfully,

CHARLES F. HARRIS, Agent.

Captain and owner, Patrick Dwyer, propellor "John Halliard."

Captain John Foley, propellor "Howard Carroll."

These boats are permanently engaged in towing floats every night, the year round, and others are temporarily engaged in float towing do hereby make a protest:

A. W. Jayne, Captain, propellor "May Clinton."

John Sheehan, Captain, propellor "A. C. Gray."

Peter Carrill, Captain, propellor "F. W. Vosburg."

L. E. Nicholson, Captain, propellor "Exchange."

Robert Eldridge, Captain, propellor "David Bingham."

Which was ordered on file.

The following communication was received:

The Honorable the Mayor, Comptroller and Commissioner of Public Works:

GENTS—Since the offer of the proposal of the Central Gas-light Company to light the public lamps in the Twenty-third Ward of the city, one of our sureties has been withdrawn by death. I respectfully request that Mr. Silas D. Gifford may be substituted in place of Mr. John J. Crane, deceased.

I am, yours truly,

WM. R. BEAL, President Central Gas-light Co.

Which was ordered on file.

The Commissioner of Public Works offered the following:

Resolved, That permission be given to the Central Gas-light Company to substitute Mr. Silas D. Gifford as a surety on its bond in lieu of Mr. John J. Crane, one of the sureties named in the proposal of said company, Mr. Crane having died since the award of contract was made. The adequacy and sufficiency of said substitute to be subject to the approval of the Comptroller.

Which was adopted.

No. 115 BROADWAY, NEW YORK, April 26, 1887.

To the Honorable the Mayor, Comptroller, and Commissioner of Public Works:

SIRS—We respectfully beg leave to substitute as one of our bondsmen on our proposal for naphtha gas, Hon. Morgan J. O'Brien, in place and instead of Hon. Harvey C. Calkin, who is ill. Respectfully submitted,

THE N. Y. & N. J. GLOBE GAS CO.

NICHOLAS R. O'CONNOR, Secretary.

The Commissioner of Public Works offered the following:

Resolved, That permission be given to the New York and New Jersey Globe Gas-light Co., Limited, to substitute Mr. Morgan J. O'Brien as a surety on its bond in lieu of Harvey Calkins, who has failed to qualify. The adequacy and sufficiency of said substitute to be subject to the approval of the Comptroller.

Which was adopted.

The Secretary presented resolutions of the Board of Aldermen, requesting that Park Row, from the Brooklyn Bridge to Chatham Square, Madison street, from Pearl to Catharine street, Chambers street, from Broadway to South street, Canal street, from Essex street to the Bowery, be lighted by electric lights. Also requesting that an electric light be placed on southwest corner of Avenue A and Twenty-fourth street.

Which were referred to the Secretary.

On motion, a recess was taken until 3 P. M.

APRIL 26, 3 P. M.

The Board met in the office of the Mayor, pursuant to adjournment.

All present.

Mr. A. J. Dittenhoefer, representing the Waterhouse Electric Manufacturing Company, Mr. John H. Hapgood, representing the Harlem Lighting Company, Mr. Charles W. Dayton, representing the North New York Lighting Company, and a representative of the East River Lighting Company appeared before the Board and were questioned by the Mayor as to whether said companies were in possession of an electric-lighting plant, and also whether they had authority for the erection of poles and wires in the streets of the city, either from the Common Council or the Subway Commission.

On motion, a letter was then prepared by the Comptroller asking the Counsel to the Corporation for an opinion as to whether any power existed in any Board, and if so, what Board, for the granting of permission to any electric light company to place poles and wires in any street in which the company did not now have poles or wires.

On motion, the Board then adjourned until 12.30 o'clock P. M., Thursday, April 28, 1887.

S. McCORMICK, Superintendent of Lamps and Gas, Secretary.

THURSDAY, April 28, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 12.30 P. M., of Thursday, April 28, 1887.

All were present, viz.:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

There was also present the Hon. E. Henry Lacombe, Counsel to the Corporation.

The minutes of the meeting held April 26, 1887, were read and approved.

The Comptroller presented the following opinion of the Counsel to the Corporation:

LAW DEPARTMENT,  
OFFICE OF THE COUNSEL TO THE CORPORATION,  
NEW YORK, April 27, 1887.

Hon. EDWARD V. LOEW, Comptroller, etc.:

SIR—I am in receipt of your communication under date of April 26, 1887, touching the consideration of certain bids submitted at a meeting of the Gas Commissioners yesterday.

It appears that bids have been submitted by certain electric companies who have the necessary plant and conducting wires within the territory covered by their bids, and also by other electric companies who either have not the necessary plant or are without the necessary conducting wires within the territory covered by their bids.

You refer to my former opinion on this subject to the Commissioner of Public Works, dated April 23, 1885, and request replies to the three following questions:

First—"Is it lawful for the Gas Commissioners to award contracts to electric companies who are without plants or conducting wires in any case in which their bids are lower than the bids of companies having the necessary plant and conducting wires?"

Second—"Is the assent of the Common Council necessary for the erection of poles and conducting wires in advance of the award of a contract?"

Third—"Can the Subway Commission authorize any company without conducting wires to place the same in any portion of the city other than those which are sparsely settled, where there is no subway?"

It is not stated in your letter what companies have presented the bids under consideration, nor under what acts of the Legislature they are incorporated. It is possible, therefore, that the answers to these questions may not be sufficiently full to enable the Commission to dispose of the matter now before it, but if it is desired I will attend the meeting of the Commission to be held to-day, and answer any further questions which may be asked.

The three inquiries contained in your letter may be answered as follows:

First—In my opinion, it is lawful for the Gas Commissioners to award contracts to electric or other companies incorporated and organized for the purpose of supplying illuminating material, although they may not at the time of bidding have the necessary plant and conducting wires.

Second—Before replying to this inquiry it should be noted that companies organized under certain acts of the Legislature may (except where forbidden so to do by subsequent legislation) erect their poles and string their wires without the assent of the Common Council, provided they conform to the regulations of the general ordinances as to placing their poles in the streets. Companies organized under certain other acts of the Legislature, however, are not authorized to erect poles and string wires in the streets of the city without the consent of the municipal authorities first had and obtained.

The consent of the municipal authorities required by the statutes, above referred to, resides only in the Common Council, and not in the Gas Commission. See opinion given to the Gas Commission by my predecessor, Hon. W. C. Whitney, March 22, 1880.

In cases, however, where the assent of the Common Council is required it is not, in my opinion, necessary that such assent should be procured in advance of the award of contract. Of course, in the event of a failure to secure such assent the contracting company will be liable to respond for the damages sustained thereby, and it would be advisable, should an award be made to a company not at the time of the award in condition to fulfill the contract, that a bond sufficiently large to secure the City against all such damage should be required.

Third—Can the Subway Commission authorize any company without conducting wires to place the same in any portion of the city other than those which are sparsely settled where there is no subway.

Before answering this question it is to be noted that the permission given by the Commission of Electrical Subways for the stringing of new wires above ground is in no sense a grant of power. It is a dispensation from the obligation of obeying the acts of 1884 and 1885.

Corporations which are authorized, except for these acts, to string their wires above ground may continue to do so, irrespective of the provisions of such acts, when they obtain for any particular locality a permit to do so from the Commissioners of Electrical Subways. Corporations, however, which have no right to string their wires above ground do not obtain such right by securing the permit referred to.

The authority given to the Commissioners of Electrical Subways to permit deviation from an underground system is contained in section 4, chapter 499 of the Laws of 1885. It is therein provided that wherever, in the suburbs or \* \* \* sparsely inhabited or unoccupied portions of the city, the public do not require electrical conductors to be placed under ground, and also wherever, in any other locality of the city (which will include the thickly as well as the sparsely settled portions), it is deemed by said Board to be for any cause impracticable to construct and successfully operate under ground the electrical conductors required, then it shall be the duty of the Board to examine and grant applications for permission to deviate from an underground system. Such permit shall be held and construed to authorize the construction and maintenance of the lines of conductors therein provided for.

If the Subway Commission, therefore, shall be satisfied upon investigation that it is for any cause impracticable to construct and successfully operate under ground the conducting wires of any particular company in a portion of the city other than those which are sparsely settled where there is no subway, it may grant a permit authorizing such company to make aerial connections.

I remain, very respectfully yours, etc.,

E. HENRY LACOMBE, Counsel to the Corporation.

The Secretary reported that having examined the proposals received on the 26th instant, he finds that several of them appear to be informal, viz., the proposals of the Brush Electric Illuminating Company, the Waterhouse Electric and Manufacturing Company and the Harlem Lighting Company, in omitting to state whether the electric lamps are to be used on the ordinary lamp-posts of the City or on special lamp-posts to be fitted up by the bidder without cost to the City.

The Counsel to the Corporation then examined the proposals and declared the same to be informal.

The Mayor offered the following resolution:

Resolved, That an award of contract be made to the United States Illuminating Company for lighting, by the "voltaic arc" system of electric lighting, the following-named streets and parks, to wit:

Broadway, from Battery Park to Canal street.

Fulton street, from East river to North river.

Chambers street, from Broadway to North river.

Canal street, from Bowery to North river.

Catharine street, from East Broadway to East river.

East Broadway, from Chatham Square to Grand street.

Bleecker street, from Bowery to Eighth avenue to Thirteenth street.

South street, from Whitehall to Grand street.

West street, from Battery place to West Eleventh street.

Fifth avenue, from Washington Square to Thirteenth street.

Battery Park, City Hall Park, Tompkins Square and Gansevoort Market.

At the rate of fifty cents for each lamp per night. The said rate to include the furnishing, fitting-up and maintaining all the lamp-posts, poles, wires and conductors, and each and every article which may be required for such lighting.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The following communications were received and read:

NEW YORK, April 12, 1887.

To the Honorable Gas Commission of the City of New York:

The undersigned Committee appointed at a mass meeting of the citizens of Harlem, held Tuesday evening, April 5, 1887, to present to your Board the resolutions passed asking for electric lights in the Twelfth Ward, have further to report that on the 11th instant, we inspected and compared the gas-lamps and electric lights on One Hundred and Twenty-fifth street and the Third Avenue Bridge by turning off first one and then the other, and found that on the bridge the electric lights amount to a necessity, and on One Hundred and Twenty-fifth street at the intersection of the avenue, we found that the electric lights displaced ten gas-lamps, being thus cheaper as well as more brilliant.



We earnestly recommend that the Third Avenue Bridge, One Hundred and Twenty-fifth street and Mount Morris Park be lighted with the electric lights. On the night we made this comparison we found that at the intersection of the avenues, the electric lights displaced ten gas-lamps and this being as cheap as the gas we recommend that electric lights be placed at the intersection of all the streets and avenues.

J. TRUMBULL SMITH.  
EDWARD P. STEERS.  
DAVID F. PORTER.

ROOMS 46 AND 48, 52 AND 56 BROADWAY,  
OFFICES HAYWARD & PLATT, BANKERS,  
NEW YORK, April 26, 1887.

Hon. ABRAM S. HEWITT, Mayor; Hon. E. V. LOEW, Comptroller; Hon. JOHN NEWTON, Commissioner of Public Works:

GENTLEMEN—The East River Electric Lighting Company respectfully call your attention to the fact that by the competition to-day at opening of bids that there has been saved to the City, out of the appropriation for electric lighting, upwards of fifty-one thousand dollars.

Wherefore they respectfully request that a portion of the same be devoted to lighting additional streets, to wit:

Avenue B, from Twentieth street south to Clinton street.....about 25 lights.  
Avenue A, from Twenty-third street south to Essex street....." 25 "  
Grand street, from Broadway to East river ferry....." 20 "  
Park Row....." 20 "  
Fourteenth street, from Sixth avenue to East river....." 17 "  
Twenty-third street, from Sixth avenue to East river....." 13 "  
Broadway, from Twenty-third to Thirty-fourth street....." 13 "  
—at the prices respectively bid therefor in our proposal of to-day.

SEYMOUR G. SMITH, President.

The following was received:

NEW YORK, April 28, 1887.

Hon. A. S. HEWITT, Mayor, New York City:

DEAR SIR—Referring to the bids which have been made by the United States Illuminating Company for street-lighting in this city, we desire to say that we should not be placed in competition with irresponsible parties who have no plant and who are not, at the time of making their bids, in proper condition to undertake contracts of this nature.

For more than two years the United States Illuminating Co. furnished the City with street-lighting at a cost which was double the compensation they received for such service; and even to-day the price quoted is based on poles and aerial lines as plant and considered as so much capital, and at the present figure the lighting in question would be done by the above company practically without profit.

We make the above statements knowing that, as a business man, you can comprehend the situation and will realize what this means.

Respectfully yours,  
MARCELLUS HARTLEY.  
HENRY G. MARQUAND.  
H. B. HYDE.

OFFICES OF J. N. HAYWARD AND A. W. PLATT,  
NOS. 52 AND 56 BROADWAY AND EXCHANGE COURT,  
TEMPORARY OFFICES OF THE EAST RIVER ELECTRIC LIGHT CO.,  
NEW YORK, April 28, 1887.

Hon. ABRAM S. HEWITT, Mayor; Hon. E. V. LOEW, Comptroller; Hon. JOHN NEWTON, Commissioner of Public Works, Gas Commissioners:

GENTLEMEN—The East River Electric Light Company respectfully enters this protest against any award to, acceptance of, the bid or estimate of, and the execution of a contract to, the United States Electric Lighting Company, or the United States Illuminating Company of this city, in pursuance of bids and estimates, opened 26th instant, and for the reason that said bid is informal, irregular, invalid and void, and that it omits and fails to state an important and essential requisite called for by the proposals for estimates, to wit: That the photometric test shall be "made in one direction" and "at an angle of thirty degrees from the horizontal," besides being informal, irregular, invalid and void in six other particulars.

We are with great respect, yours,

EAST RIVER ELECTRIC LIGHT CO.,  
Per JOHN N. HAYWARD, Treasurer.

Which were ordered on file.

Mr. John Notman, for the United States Illuminating Company; Mr. A. J. Dittenhoefer, for the Waterhouse Electric and Manufacturing Company; Mr. John H. Hapgood, of the Harlem Lighting Company; Mr. Charles W. Dayton, for the North New York Lighting Company; Mr. Allen and Mr. W. L. Strong, of the Brush Electric Illuminating Company; and a representative of the East River Lighting Company, appeared before the Board on behalf of their respective companies.

The Mayor then moved that all the remaining proposals be rejected.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Mayor then moved that a re-advertisement be prepared, inviting proposals for furnishing and lighting electric lamps, and that said proposals be received at 12.30 P. M., of Monday, May 16, 1887.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

On motion, the Board then adjourned.

S. MCCORMICK, Superintendent Lamps and Gas, Secretary.

MONDAY, May 16, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Commissioner of Public Works, at 12.30 o'clock, of Monday, May 16, 1887.

All were present, viz.:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The Counsel to the Corporation being also present.

The minutes of the meeting of April 28, 1887, were read and approved.

The Secretary presented an affidavit of J. C. Higgins, Clerk of the CITY RECORD, that the advertisement inviting proposals for furnishing and lighting electric lamps from May 1, 1887, to April 30, 1888, had been duly published in the CITY RECORD for ten days consecutively, commencing on the 5th day of May, 1887, and also that brief notices of said advertisement have been inserted in the corporation papers designated in accordance with the provisions of chapter 3, section 66, of the New York City Consolidation Act of 1882, to wit: "Journal of Commerce," "Star," "Staats Zeitung," "Daily News," "Evening Post," "Sunday Mercury" and "Weekly Graphic."

Which was ordered on file.

The estimate-box was then opened and six proposals were found therein and publicly read, as follows:

1. The United States Illuminating Company—For furnishing electric voltaic arc lamps (of not less than 1,000 candle-power, by photometric test, made in one direction, at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of  $\frac{1}{2}$  to  $\frac{7}{16}$  of one inch, said lamps to be used on special lamp-posts to be furnished free of expense to the City by the contractor, and including the lighting, extinguishing, cleaning, repairing all fittings, alterations, attachments, and painting lamp-posts and lamps by him for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

Broadway, from Canal to Thirteenth street.....23 lamps.  
Washington Square.....15 "  
Cortlandt street, from Broadway to West street, to ferry.....5 "  
Liberty street, from Broadway to West street, to ferry.....5 "  
Desbrosses street, from Canal to West street, to ferry.....4 "  
Christopher street, from Bleecker to West street, to ferry.....7 "  
Grand street, from East Broadway to East river, to ferry.....7 "  
Houston street, from Bowery to East river.....22 "  
Whitehall street, from Bowling Green to South Ferry.....5 "  
Water-front, from Grand to Thirteenth street, East river.....16 "  
Chambers street, from Broadway to Chatham street.....5 "  
Chambers street, from Chatham street to East river, to ferry.....10 "  
Barclay street, from Broadway to ferry, North river.....8 "  
Wall street, from Broadway to ferry, East river.....10 "  
Tenth street, from Third avenue to ferry, East river.....19 "

The light to be furnished from the lamps herein bid for to be fully equal to those furnished the City by this company for the past three years, and which, according to the French standard of measure-

ment heretofore adopted, measure over 2,000 candle-power each, for each lamp the sum of one hundred and eighty-two 50-100 (182.50) dollars per year for each lamp, being fifty cents (50 cents) per night for each lamp.

Sureties { Marcellus Hartley, No. 232 Madison avenue.  
James Stokes, Nos. 59-61 Liberty street.

2. The Brush Electric Illuminating Company of New York—For furnishing 897 voltaic arc lamps (of not less than 1,000 candle-power, and 12 voltaic arc lamps of not less than 2,000 candle-power, by photometric test, made in one direction, at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of  $\frac{7}{16}$  and  $\frac{5}{8}$  inches, said lamps to be used on our own special lamp-posts to be fitted up by the bidder, without cost to the City, including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

Fourth avenue, from Eighteenth to Forty-second street.....25 lamps.  
Fifth avenue, from Fourteenth to Fifty-ninth street.....41 "  
Seventh avenue, from Fourteenth to Fifty-ninth street.....43 "  
Broadway, from Fourteenth to Fifty-ninth street.....47 "  
Fourteenth street, from river to river.....40 "  
Twenty-third street, from river to river.....34 "  
Thirty-fourth street, from river to river.....36 "  
Forty-second street, from river to river.....36 "  
Fifty-ninth street, from Third to Ninth avenue.....22 "  
Bryant Park.....10 "  
Avenue D, from Fourteenth to Seventeenth street.....3 "  
Avenue C, from Fourteenth to Twentieth street.....6 "  
Avenue B, from Fourteenth to Twenty-second street.....8 "  
Avenue A, from Fourteenth to Twenty-fourth street.....9 "  
First avenue, from Fourteenth to Fifty-ninth street.....42 "  
Second avenue, from Fourteenth to Fifty-ninth street.....42 "  
Third avenue, from Fourteenth to Fifty-ninth street.....42 "  
Vanderbilt avenue, from Forty-second to Forty-fifth street.....3 "  
Madison avenue, from Forty-second to Fifty-ninth street.....14 "  
Sixth avenue, from Fourteenth to Fifty-ninth street.....40 "  
Eighth avenue, from Fourteenth to Fifty-ninth street.....42 "  
Ninth avenue, from Fourteenth to Fifty-ninth street.....42 "  
Tenth avenue, from Fourteenth to Fifty-ninth street.....42 "  
Eleventh avenue, from Fourteenth to Fifty-ninth street.....42 "  
River-front, west side, from Fourteenth to Fifty-ninth street.....50 "  
River-front, east side, from Fourteenth to Fifty-ninth street.....30 "  
Irving place, from Fourteenth to Twentieth street.....6 "  
Lexington avenue, from Twenty-first to Fifty-ninth street.....35 "  
Fourth avenue, from Forty-ninth to Fifty-ninth street.....10 "  
Broadway, from Thirteenth to Canal street.....27 "  
Washington Square.....15 "  
Gramercy Park.....3 "  
Stuyvesant Square.....6 "  
Madison Square, north side, from Madison to Fifth avenue.....4 "

Total.....897 lamps.

(Eight hundred and ninety-seven.)

—or such portion of these spaces and such number of said lamps (at same price) as may be prescribed by the Gas Commission. For each of the above lamps the sum of ninety-one 50-100 (\$91.50) dollars per annum.

Madison Square mast.....6 lamps.  
Union Square mast.....6 "

For each of these mast lamps the sum of three hundred and sixty-six (366) dollars per annum.  
N. B.—The masts in Union and Madison Squares, 6 lamps each mast, of not less than 2,000 candle-power each lamp, with carbon electrodes of the diameter of  $\frac{5}{8}$  inch, on our own special masts, and are to be fitted up by the bidder, without cost to the City.

Sureties { David L. Einstein, No. 14 White street.  
William H. Wheelock, No. 320 Broadway.

3. The Ball Electrical Illuminating Company, of No. 21 Park Row, New York City—For furnishing 130 voltaic arc lamps (of not less than 1,000 candle-power, by photometric test, made in one direction, at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of  $\frac{7}{16}$  inch, said lamps to be used on special lamp-posts to be furnished and fitted by the bidder free of expense to the City, including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps, for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

Fifth avenue, from Fourteenth to Fifty-ninth street.....about 41 lamps.  
Broadway, from Fourteenth to Fifty-ninth street.....49 "  
Fifty-ninth street, from Third to Ninth avenue.....22 "  
Madison Square.....10 "  
Union Square.....8 "

Total.....130 lamps.

For each lamp the sum of twenty-five cents (25 cents) per night.

And in addition to all lights awarded to said company as above, the said company will furnish the City five (5) arc lights of the same kind and character within the above-described district, free of cost for every fifty commercial or business lights put up and furnished by said company generally.

Sureties { Royal Ball, No. 117 West Thirty-ninth street, N. Y.  
Edward Maher, No. 130 White street, N. Y.

4. The East River Electric Light Company—For furnishing 468 voltaic arc lamps (of not less than 1,000 candle-power, by photometric test, made in one direction, at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of  $\frac{7}{16}$  inch to  $\frac{3}{4}$  inch, said lamps to be used on special lamp-posts to be fitted up by the bidder without cost to the City for such lamp-posts or their fittings (though the ordinary lamp-posts of the City may be used, if ordered, in certain locations), including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

On Fourteenth street, from Third to Seventh avenue.....about 14 lights.  
On Twenty-third street, from Fourth to Eighth avenue....." 14 "  
On Broadway, from Canal to Forty-second street....." 52 "  
On Grand street, from East river to Broadway....." 25 "  
On Park Row and Bowery and Third avenue to Thirty-fourth street....." 50 "  
On Eighth avenue, north to Forty-second street....." 30 "  
On Sixth avenue, north to Forty-second street....." 30 "

For each lamp the sum of one hundred and sixty dollars (\$160) per year.

On Avenue B, from Twentieth street, south.....about 16 lights.  
On Avenue A, from Twenty-third street, south....." 22 "  
On Fourth avenue, north to Forty-second street....." 33 "  
On Tenth street, from East river to Second avenue, Stuyvesant street, Cooper Union, Clinton place and Christopher street....." 40 "  
On Houston street, East river to North river....." 40 "  
On Washington Square Park....." 15 "  
On Thirteenth avenue, from West Eleventh to Thirty-fourth street....." 25 "  
On Fourteenth street, from East river to Third avenue, and from Seventh avenue to North river....." 26 "  
On Twenty-third street, from East river to Fourth avenue, and from Eighth avenue to North river....." 26 "  
On West Eleventh street, from Seventh avenue to North river....." 10 "

For each lamp the sum of one hundred and eighty-one 50-100 dollars (\$181.50) per year.  
Further the bidder agrees to furnish free to the City one voltaic arc lamp for every fifty furnished private consumers.

The said 1,000 candle-power lamps being what is generally known as 2,000 candle-power, nominal.

Sureties { Edward Duffy, No. 231 East Eighteenth street, New York.  
Peter Buttery, No. 400 East Fifteenth street, New York.

5. The Harlem Lighting Company—For furnishing voltaic arc lamps (of not less than 1,000 candle-power, by photometric test, made in one direction, at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of  $\frac{7}{16}$  inch, said lamps to be used on special lamp-posts furnished by the bidder free of expense to the City, including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps, for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

On First avenue, from One Hundred and Tenth to One Hundred and Twenty-fifth street.....14 lights.  
On Third avenue, from Eighty-sixth to One Hundred and Thirtieth street.....43 "  
On Lexington avenue, from One Hundred and Tenth to One Hundred and Thirtieth street.....19 "  
On Fourth avenue, from One Hundred and Sixteenth to One Hundred and Thirty-first street.....14 "



On Madison avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street.....	11 light.
On Fifth avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street.....	11 "
On Sixth avenue, from One Hundred and Tenth to One Hundred and Thirty-sixth street.....	25 "
On Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-first street.....	40 "
On Eighth avenue, from One Hundred and Twenty-first to One Hundred and Fifty-fifth street.....	33 "
On One Hundred and Twenty-fifth street, from East river to Manhattan street, thence on Manhattan street to the North river.....	38 "
In Mount Morris Park.....	12 "

For each lamp in the streets and avenues specified above the sum of forty (40) cents per night, or per year the sum of \$146.40, except the lamps on One Hundred and Twenty-fifth street and Manhattan street and on Third avenue, for each of which lamps the sum of forty-two and one-half (42½) cents, or per year the sum of \$155.55.

On Third Avenue Bridge..... 7 lights.

In Mount Morris Park, on tower, from 100 to 150 feet high, as the Gas Commission may order. 4 "

The fixtures on the bridge and the tower to be furnished free of expense to the City by the bidder, for each lamp the sum of seventy cents per night, or per year the sum of two hundred and fifty-six (256) dollars. Or for furnishing incandescent lights of not less than 16 candle-power, by photometric test, made in one direction for each lamp; said lamps to be used on special lamp-posts to be furnished by the bidder free of expense to the City, including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

In Mount Morris Park, about 50 lights, for each lamp the sum of five cents per night (5 cents), or eighteen 25-100 dollars per year (\$18.25).

Sureties { A. L. Soudard, No. 34 Nassau street, New York City.

{ John H. Hapgood, Nos. 242 and 244 East One Hundred and Twenty-second street.

6. The North New York Lighting Company—For furnishing 145 voltaic arc lamps (of not less than 1,000 candle-power, by photometric test, made in one direction at an angle of thirty degrees from the horizontal), with carbon electrodes of the diameter of 7-16 to ¼ of an inch. Said lamps to be used on special lamp-posts, to be furnished and fitted by the bidder without expense to the City, including the lighting, extinguishing, cleaning, repairing and painting lamp-posts and lamps, for the period from May 1, 1887, to April 30, 1888, in the following-described district, to wit:

On Third avenue, from the Bridge to One Hundred and Seventieth street.....	about 70 lamps.
On One Hundred and Thirty-eighth street, from Third avenue to Madison Avenue Bridge.....	" 8 "
On Alexander avenue, from Southern Boulevard to junction Third avenue.....	" 10 "
On Willis avenue, from Southern Boulevard to junction Third avenue.....	" 10 "
On Courtland avenue, from Third avenue to One Hundred and Sixty-first street.....	" 15 "
On Southern Boulevard, from Third avenue to Willis avenue.....	" 7 "
On Washington avenue, from Third avenue to One Hundred and Seventieth street.....	" 21 "
On Lincoln avenue, from Southern Boulevard to Third avenue.....	" 4 "

Total..... about 145 lamps.

The light the bidder agrees to use is what is known as the full arc double lamp, 2,000 candle-power. Thomson-Houston light, with all the latest improved appliances; for each lamp the sum of one hundred forty-six and 40-100 dollars (\$146.40) per year.

Sureties { Jordan L. Mott, Jr., No. 63 West Fifthieth street, New York.

{ Thornton N. Motley, No. 26 Liberty street, New York.

Attached to the proposal of the Ball Electrical Illuminating Company was the following:

To the Hon. ABRAM S. HEWITT, Mayor; EDWARD V. LOEW, Comptroller, and JOHN NEWTON, Commissioner of Public Works, New York City:

GENTLEMEN—The "bid or estimate" for furnishing and supplying electric lights on the "Streets or parts of streets, parks and public places of the City of New York," and herewith submitted by "The Ball Electrical Illuminating Company," and of which this communication is to be taken and considered a part thereof, is submitted upon the express condition and understanding as a condition precedent that in case said "bid or estimate" shall be accepted and a contract awarded thereon to the said company, in pursuance of said "bid or estimate," that permission and authority shall be granted and given unto the said company by the duly constituted authorities of the City of New York, to place, construct, equip, string, use and run wires and lines, conduits, structures, connections and appliances for electrical lighting purposes in said city, over and under the streets, avenues, wharves, piers, parks and public places in said city, and adjacent thereto, according to such plans as may be directed, required, approved, or allowed by, and subject to the provisions of chapter 499 of the Laws of 1885, and under the supervision of the Commissioner of Public Works, and the Department of Public Parks within their respective jurisdictions, subject to all existing ordinances applicable thereto, and all reasonable regulations of the power and authority thereby granted, which the Common Council may thereafter impose by ordinance or otherwise, and to enable said company to perform, carry out and execute said contract for said lighting.

And that the said company shall have and be allowed thirty (30) days after the granting and allowing such permission, right and authority as aforesaid, within which time to make and perfect the necessary and requisite arrangements for placing, constructing, stringing and running of wires, lines, conduits, structures, connections and appliances necessary and sufficient to enable said company to fully perform, carry out, and execute such contract in good faith. It being the intention, purpose and object of said company to carry out, comply with, perform and execute in good faith any contract awarded to it if granted the permission, right and authority as aforesaid, by the duly constituted authorities as aforesaid, otherwise the "bid or estimate," herewith submitted, is to be null and void.

(Signed) THE BALL ELECTRICAL ILLUMINATING COMPANY,

SAMUEL ASHTON, President,  
No. 21 Park Row, New York City.

Attest: MICHAEL CRANE, Secretary,  
No. 21 College place, New York City.

NOTE.

As an evidence of the good faith of this company it will agree and enter into a contract if the proper franchise is granted to it as above set forth, to furnish and supply the city with electric lights as aforesaid, for the entire city, outside of the territory specified in the "bid or estimate" herewith submitted, at twenty-seven and a half (27½) cents per light for from one to five years, and will give the necessary and required bond for the faithful performance of the same, provided the company is given four months after the granting of such franchise within which to put up the necessary plant, structures and appliances to furnish such lights.

SAMUEL ASHTON, President,  
No. 21 Park Row, New York City.

Attest: MICHAEL CRANE, Secretary,  
No. 21 College place, New York City.

Mr. A. J. Dittenhoefer, representing the Waterhouse Electric Manufacturing Company, stated that said company had not submitted a bid for the reason that the Board of Aldermen had refused to give the necessary permission authorizing the company to erect poles and wires.

Mr. Ashton, of the Ball Electric Light Company, Mr. William L. Strong, of the Brush Electric Illuminating Company, Mr. Arthur H. Masten, representing the North New York Lighting Company, addressed the Board on behalf of the respective companies. Mr. J. Trumbull Smith requested that an award be made for lighting parts of Harlem by electric lights.

Captain Charles Longstreet stated that the placing of electric lights on Harlem Bridge would not interfere with the navigation of vessels through the draw of the bridge.

The following communication was received:

OFFICE OF THE NORTHERN GAS-LIGHT COMPANY OF NEW YORK CITY,  
No. 1845 VANDERBILT AVENUE,  
NEW YORK, May 6, 1887.

To the Honorable the Mayor, the Comptroller and the Commissioner of Public Works:

We desire to substitute Mr. John G. Davis, residing at the New York Hotel, as a surety on our bond in place of Mr. B. W. Van Voorhis.

Very respectfully yours,

JOHN S. BUSH, Secretary.

Which was ordered on file.

The Commissioner of Public Works offered the following resolution:

Resolved, That permission is hereby given to the Northern Gas-light Company of New York City to substitute Mr. John G. Davis, residing at the New York Hotel, as a surety on its bond, in place of Bartow W. Van Voorhis, deceased; the adequacy and sufficiency of the said substitute to be subject to the approval of the Comptroller.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

A communication was received from the East River Electric Light Company, as follows:

NEW YORK, May 4, 1887.

Hon. ABRAM S. HEWITT, Mayor; Hon. EDWARD V. LOEW, Comptroller; Hon. JOHN NEWTON, Commissioner of Public Works, Gas Commissioners:

GENTLEMEN—The East River Electric Light Company hereby respectfully enters this additional protest against any award to any acceptance of the bid of, or execution of any contract to the United States Illuminating Company under the bids or estimates opened April 26, 1887, for furnishing illuminating material for and lighting, etc., the streets, avenues, etc., in the City of New York, and for the reasons that the said United States Illuminating Company's bid is informal, irregular, invalid, and void in the following particulars:

1. In that it fails to state as required to state by the proposals for estimates, the candle-power of the light by photometric test, "made in one direction" and "at an angle of thirty degrees from the horizontal."

That said estimator proposes "furnishing electric arc lights of not less than 1,000 candle-power by photometric test," which practically means nothing, at least nothing certain, for according to Von Hoefner Alteneck, the most eminent authority on this subject, the candle-power of the same voltaic arc light may be variously estimated (and truthfully estimated) at any figure between 400 and 2,000 candle-power, depending upon the angle from the horizontal at which the same is measured, the maximum candle-power being attained at an angle of thirty-seven degrees downward from the horizontal. Not to state these essential requirements in measurement leaves the door for fraud and deception as dangerously open as would omission to state any candle-power.

Also, the bid is essentially defective in omitting to state the light to be measured "in one direction," for if it be measured in two directions or four directions the aggregate candle-power will be doubled or quadrupled. Only by complying with these arbitrary requirements for measurement is there any safety.

It may be urged that the City will only pay proportionately to the candle-power supplied, and that according to its measurements. The answers to this are—

1. That 1,000 candle-power means a thousand candle-power if measured by one method, but only 400 candle-power if measured by another method. The only true method is that laid down in the proposals for estimates. The meaning of "a thousand candle-power" varies, even as would the term "thirty degrees above zero" vary, according to Fahrenheit or centigrade. A further answer is that the proposals for estimates require these things to be stated in the bid or estimate. The simple omission to state them is fatal.

2. The third paragraph of the proposals for estimates require bidders to state in their estimates their names and places of residence. The bid in question fails to state that the United States Illuminating Company is of Nos. 59 and 61 Liberty street, or even of the City or State of New York.

3. Bidders are also required to state a price for which they will repair lamp-posts, etc. This requirement has been omitted to be stated.

It may be urged that electric-light bidders are not contemplated in this requirement. There is no reason in holding this view. On the contrary, the city lamp-posts are owned by the City of New York, whose interest it is to keep the same intact and in good repair, in order that the Commission may have the power to return to gas-lighting and not be at the mercy of a combination of electric-light companies such as recently existed and as may come to pass again. If a lamp-post leans over it is to the City's interest that it should be returned to the perpendicular. If a column requires re-erecting it is to the City's interest that it should be so repaired. Why should not proposals for estimates require the electric-lighting companies, who light certain thoroughfares, to bid to keep the city lamp-posts in these thoroughfares in repair for extra compensation, even as gas companies keep in repair, for extra compensation, the lamp-posts on the streets lighted by them? Gas companies merely own the gas-pipe and fittings and not the lamp-posts or lanterns. That the estimates do contemplate that the electric-light companies should have to do with the city lamp-posts is shown by the fact that they are required to state whether they propose to use ordinary lamp-posts of the City or special lamp-posts. Surely there is nothing repugnant in requiring lighting companies to bid to keep city lamp-posts in repair. On the contrary, it seems the best public policy and quite natural to require them so to do.

The United States Illuminating Company have omitted the six requirements relating to public lamp-posts.

4. The bid is fatally defective in that it proposes to furnish "electric arc lights," and does not state the kind or system of light they propose to furnish (whether the "voltaic arc" or the incandescent).

The term "electric arc lights" is used possibly in the belief that it means "voltaic arc" lights. "Electric arc lights" is a generic term, and includes a number of different kinds of electric arc lights of which the "voltaic arc" light is one and the best. To minds ignorant of electrical matters or devoid of scientific knowledge, the terms are sometimes used indifferently. With a similar amount of intelligence, an incandescent light through a filament or medium in the shape of an arc may be called an "electric arc light." The "voltaic arc" light specifically means a light where the electric current leaps from one carbon electrode to another carbon electrode. It is called after Volta, its discoverer. He produced it from revolving glass plates by the so-called frictional electricity; for the glass plates, a revolving armature in the dynamo is the substitute. Another form of electric arc light is that of the "galvanic arc light," which was the common form of electric light in use before the advent of the dynamo, ten years ago.

Park Benjamin, Ph.D., in his "Age of Electricity," page 128, says: "That Sir Humphrey Davy produced the first 'galvanic arc light,' by a constant galvanic current flowing across an air space of four inches.

Another form of "electric arc light" is that produced from the so-called Holtz machine.

Another form of "electric arc light" is that produced from the Leyden jar.

Another form of "electric arc light" is that produced from storage batteries.

5. The bid is defective inasmuch as the verification is made by oath of the president as such, and is not the oath of an individual person.

6. The bid is defective inasmuch as the notary fails to state upon the second justification that his certificate is filed in New York County.

7. The bid is defective inasmuch as the justification of Marcellus Hartley fails to state whether he is a householder or freeholder in this city.

8. The bid is defective inasmuch as the justification of James Stokes fails to state whether he is a householder or a freeholder in this city.

9. The bid is defective inasmuch as it fails to state that the "fittings" of the special lamp-posts are to be without cost to the City.

All of which is most respectfully submitted,

SEYMOUR G. SMITH, President, etc.

Which was ordered on file.

The following communication was received:

LAW DEPARTMENT,  
OFFICE OF THE COUNSEL TO THE CORPORATION,  
NEW YORK, May 2, 1887.

Hon. EDWARD V. LOEW, Comptroller:

SIR—I am in receipt of your communication under date of April 29, 1887, enclosing a protest from the East River Electric Company, addressed to the Gas Commissioners, protesting against "any award to or acceptance of the bid or estimate and execution of any contract to the U. S. Illuminating Company, etc.," on the ground that the bid does not conform to one of the provisions of the proposals for estimates as therein stated.

You also enclose the bid and proposals for estimates referred to and request that I advise you whether the bid of the U. S. Illuminating Company is informal, irregular and void, and whether it should be rejected by the Gas Commission.

The proposal requires bidders proposing to furnish electric lights to state "the candle-power of the electric-light by photometric test made in one direction, and which for arc lights shall be made at an angle of 30 degrees from the horizontal, etc."

The bid states that it is proposed to furnish "electric arc lights of not less than 1,000 candle-power by photometric test, etc." It does not state that the test is to be made in one direction, nor that it is to be made at an angle of 30 degrees from the horizontal. The failure to state it is not in my opinion any irregularity. It is not necessary for the bidders to describe the test to be applied. The proposals distinctly described what test would be used and the bidders were asked to state the candle-power they would guarantee. This they have done.

The protest also alleges that the bid is irregular in six other particulars, but does not name them. I infer it is claimed that the bid should state the prices for (1) straightening, (2) re-erecting, (3) refitting, (4) removing, (5) resetting, and (6) fitting up lamp-posts. Inasmuch as the bid is for electric lights "to be placed on lamp-posts to be furnished free of expense to the City," I fail to see the necessity of stating separately that there will be no charge for the six separate items above enumerated.

Since your letter was received, however, my attention has been called to several additional irregularities which, it is claimed, make the bid informal. One only of these need be considered, as, if the facts are correctly stated, it is sufficient to render the bid informal.

Bidders are expressly required to state whether the electric lights which they propose to furnish are "voltaic arc" or "incandescent." The bid does not state whether the voltaic arc or the incandescent will be used, but does offer to furnish "electric arc" lights. These words, I am informed, mean something different from voltaic arc. If that is so—and not being an expert in electric nomenclature, I am unable to answer the question of fact—then the bid is irregular and should be rejected.

I am, sir, yours respectfully,

E. HENRY LACOMBE, Counsel to the Corporation.



The following communication was received :

NEW YORK, April 27, 1887.

A. S. HEWITT :

HONORED SIR—Seeing in to-day's "World" that you are about giving the contracts for the lighting of streets by gas and electricity I take the liberty of notifying you that I have a petition signed by the property-owners of all the property between Eighty-ninth and Ninety-seventh streets, on Park avenue, to have the said avenue lighted by electric lights the same as it is below Grand Central Depot. I shall endeavor to get the rest of property-owners' signatures from Eighty-ninth to Fifty-sixth streets by the end of this week when I shall have the honor of submitting the same to you. The said Park or Fourth avenue is one of our broadest and most beautiful avenues, it is mostly composed of private residences, and in night it is dangerously dark, for the gas-light is not bright enough to light the same, and in winter the wind generally blows the gas out. Hoping you will consider this, I remain yours, respectfully,

H. H. D. KLINKER.

Which was ordered on file.

The following was received :

NEW YORK, May 16, 1887.

ABRAM S. HEWITT, Mayor; EDWARD V. LOEW, Comptroller; JOHN NEWTON, Commissioner of Public Works:

GENTLEMEN—In addition to our bid, we beg to advise you that we will erect poles and string wires in any street and on any corner or river-front between Battery Park and Fifty-ninth street, free of expense to the City, and burn our electric lights, of not less than one thousand candle-power, for twenty-five (25) cents per light per night, or ninety-one dollars and fifty cents (\$91.50) per annum.

Respectfully yours,

W. L. STRONG,

President of the Brush Electric Illuminating Company of New York City.

Which was ordered on file.

The Secretary presented resolutions of the Board of Aldermen, requesting that Fourth avenue, from the Bowery to Thirty-third street, and Grand street, from the Bowery to East river, be lighted by electric lights.

The following was received :

OFFICE OF THE HARLEM LIGHTING COMPANY  
(WATERHOUSE SYSTEM),  
Nos. 242 AND 244 EAST ONE HUNDRED AND TWENTY-SECOND STREET,  
NEW YORK, May 16, 1887.

To the Honorable Gas Commission of the City of New York:

GENTLEMEN—We desire to state, in explanation of our bid, that the higher charge of 70 cents per night for the lights on the Third Avenue Bridge is to cover the great cost of the submarine cable used in reaching the draw and the expensive wiring of the bridge. This is the only bridge in the world whose draw is lighted from electrical apparatus on the land. The work mentioned has cost this company over \$2,500 and we have lighted the bridge for several months without payment, and the residents in that vicinity and the hosts of citizens who cross it declare the electric lights an absolute necessity. In answer to the statement that the lights are objectionable to the pilots on the river, would say that we propose to use globes that are ground on the side towards the water, which will prevent any strong rays of light being thrown on the water while not lessening the illumination on the bridge.

The charge of 70 cents per night for four lamps on a tower in Mount Morris Park (if the Commission elect to use the tower) is due to the cost of the tower compared with ordinary street-lamps. A tower 150 feet high on the hill in the park would cost this company about \$1,200. In our bid of cents per night for our lamps at the intersections of First, Lexington, Third, Fourth, Madison, Fifth, Sixth, Seventh and Eighth avenues with the cross streets, we claim, and have demonstrated, that each electric-lamp displaces eight gas-lamps, and in some places more than eight. We have bid at these intersections for 210 electric lights, costing \$30,744. Eight gas-lamps displaced by each of these lamps would be 1,680 gas-lamps, at \$17.50 per year each, or a total of \$29,400, to which should be added the usual charges for maintenance. This shows the cost of electric lighting for the whole district bid for as costing about the same as gas. We have, at the former meeting of this Board, submitted the statement of careful citizens, prepared by direction of the mass meeting held in Harlem for the purpose, stating that we actually do displace eight gas-lamps, as claimed. A committee of prominent gentlemen appointed at this same meeting, called upon the Mayor and personally made the same statement, and urged that Harlem be given a portion of the electric lighting to be awarded.

We have also presented petitions, signed by thousands of property-owners and tax-payers, asking for electric lighting on the Third Avenue Bridge, on One Hundred and Twenty-fifth street and in Mount Morris Park.

A. L. SOULARD, President.

Which was ordered on file.

A communication from the Luna Electric Light and Power Company was received and read, and ordered on file.

On motion, the Board then adjourned until 12 o'clock M., of Monday, May 23, 1887, to meet at the office of the Mayor.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

MONDAY, May 23, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 12 o'clock M., of Monday, May 23, 1887.

All were present, viz.:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of May 16, 1887, were read and approved.

The following communication was received :

LAW DEPARTMENT,  
OFFICE OF THE COUNSEL TO THE CORPORATION,  
NEW YORK, May 21, 1887.

Hon. JOHN NEWTON, Commissioner of Public Works:

SIR—I herewith return the bids for electric lighting submitted on May 16, 1887.

They are all regular in form save one, to wit: that of "The Ball Electrical Illuminating Company."

This bid is accompanied by a letter addressed to the Gas Commission, dated on the same day as the bid, signed by the officers of the bidding company. It is plainly intended to qualify the bid so as to render it of no effect if permit or consent from the Common Council to the erection of the company's electrical system in the streets cannot be obtained.

I have little doubt that, should the bid be accepted and the company thereafter fail to execute the contract for the reason that the consent asked for had not been obtained, the City would be unable to collect from the sureties named on the bid the \$25,000 penalty provided for therein.

I therefore advise that the bid of the "Ball Electrical Illuminating Company" is irregular and should be rejected.

I am, sir, yours respectfully,

E. HENRY LACOMBE, Counsel to the Corporation.

The following communication was received :

Nos. 52, 54 AND 56 BROADWAY,  
NEW YORK, May 19, 1887.

HONORABLE SIR—We beg leave to respectfully call your attention to the following facts, as proper to be taken into consideration, before passing on the pending electric light matters.

At the meeting of the Gas Commission, held March, 1887, for the ordering of advertising for bids for public lighting, the Honorable Mayor denounced the then existing prices (70 cents per night) paid for electric lighting, notwithstanding which, upon the opening of bids, it was found that the Brush and United States Companies reduced their prices to but 65 cents per night, which the Gas Commissioners rejected as exorbitant. On March 29, the Board of Aldermen granted, and on April 1 the Mayor approved a franchise as to the East River Electric Light Company.

At the subsequent opening of bids on April 26, owing to the vigorous policy pursued by the East River Company, the old companies reduced their prices to fifty cents per night (the average and fair price in other cities), and the United States bid was accepted and all others rejected by reason of technical informalities.

This reduction and great public benefit, effecting a saving of \$52,000, was wholly due to the East River Company, which, from its inception, has worked earnestly and powerfully to secure the City and the public fair prices, in the utmost good faith, scorning any combination with the old monopoly.

Now, at the threshold of its existence, it is suggested to strangle the new company and frighten off the abundant capital that is awaiting investment in it, by destroying the value of its franchise, by admitting a horde of irresponsible companies to equal privileges with it.

We respectfully submit that no better way could be adopted to foster and perpetuate the old and rich monopoly.

Would it not be wiser public policy, and for the better public good, to wait four or six months, until the new company has become more firmly established, before admitting other competitors

which will really be competitors to it only and not to the old companies, which are too powerful for a number of weak concerns to oppose successfully.

The East River Company will supply New York with the best lighting system in the world—the Thompson-Houston System—which, in three and a half years, has prevailed over all rivals, and been established in two hundred and seventy-three cities in the United States; a record with which no other system can compare. Be wise in the exercise of the power vested in you; be fair to the new company that has already saved the City so much.

I have the honor to be, very respectfully,

SEYMOUR G. SMITH, President East River E. L. Co.

Hon. JOHN NEWTON, Commissioner Public Works.

Which was ordered on file.

The Commissioner of Public Works submitted a report of Lieutenant Mellis, an electrical expert, as follows :

NEW YORK, May 23, 1887.

Gen. JOHN NEWTON, U. S. Army, Commissioner of Public Works, New York City :

SIR—I have the honor to submit the following report of certain examinations and tests recently made by me under your direction, concerning the illumination of the streets and public parks of this city.

This investigation was undertaken in order to obtain information concerning the relative efficiency of gas and the arc electric lamp for purposes of street and park lighting, and had special reference to certain claims of the Harlem Lighting Company of Nos. 242-244 East One Hundred and Twenty-second street, regarding the number of street gas-lamps which could be displaced by one of the electric-lamps which that company proposes to employ for public lighting.

The observations began on Saturday evening, the 14th instant, when at your request I witnessed an exhibition of street lighting made by the North New York Lighting Co., at the intersection of Third avenue and Alexander avenue in Mott Haven. The system of lighting used by this company is that known as the Thompson-Houston, and for the purposes of the proposed trials, four lamps of so-called 2,000 candle-power had been put up on poles about twenty feet above the walk, and so arranged as to illuminate the large open space formed by the intersection of the avenues which here cross each other at an oblique angle. The illumination of the streets by the gas-lamps alone was first observed and the electric-lamps were then turned on, but as no provision for extinguishing the gas-lamps had been made, it was impossible to make any comparison between the two methods of lighting.

I then examined the lighting of the Harlem Bridge and a portion of One Hundred and Twenty-fifth street by the lamps of the Harlem Lighting Company. This company uses the Waterhouse system. One of the lamps was placed on the northwest corner of One Hundred and Twenty-fifth street and Fifth avenue, and a test was here made by extinguishing the electric-lamp and noting the effect with gas alone. The gas was then turned out and the electric-lamp relighted. Observations were made on One Hundred and Twenty-fifth street in the neighborhood of Fifth avenue, along Fifth avenue to Mount Morris Park, and in the adjacent portions of the park.

On Tuesday, Wednesday and Thursday evenings I visited various streets and parks in the city to observe the present systems of illumination, both by gas and electricity, under the various conditions which exist in different localities. On Wednesday evening I was accompanied by Mr. McCormick, Superintendent of Lamps and Gas. Observations were made in Battery Park, Madison Square, University Square, Washington Square, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth and Ninth avenues, Madison and Lexington avenues, Park avenue, Broadway, South street, Thirty-fourth, Forty-second and One Hundred and Twenty-fifth streets, and in numerous side streets.

On Friday evening, the 20th instant, further tests were made with the lamps of the Harlem Lighting Company. Fourteen lamps were in place on One Hundred and Twenty-fifth street, between Fourth and Eighth avenues, and one at the intersection of First avenue and One Hundred and Twenty-third street. The accompanying sketch shows the location of the lamps. With two exceptions the lamps were suspended, each from a horizontal arm attached to an iron pole so as to hang about twenty-five to thirty feet above the pavement and twelve to thirteen feet outside the curb. At First avenue and One Hundred and Twenty-third street the lamp was hung over the centre of the street intersection and about thirty-five feet above the pavement. The lamp at Madison avenue and One Hundred and Twenty-fifth street was suspended in a similar manner, but not so high. All these lamps were on the same circuit and operated from the central station at Nos. 242-244 East One Hundred and Twenty-second street.

In One Hundred and Twenty-third street, where the first test was made, there are several trees along the curb but no awnings, telegraph-poles or other obstructions, and there are no lights besides the street-lamps on the block between First and Second avenues. The gas-lamps for half the length of this block were put out and the effect with the electric-lamp at the corner of First avenue burning was observed. The gas was then relighted and the electric-lamp extinguished. I afterwards rode through One Hundred and Twenty-fifth street on the cable cars, first, with the electric lights burning, and again after they had been turned out.

On Saturday afternoon last I made a careful examination by daylight of the different streets and avenues which the Harlem Company propose to illuminate, in order to get a better idea of the conditions than could be obtained by night observations alone.

Saturday evening I made electrical measurements at the central station and at the lamp at One Hundred and Twenty-third street and First avenue, to determine the current and electro-motive force at which the lamps were operated, and thus ascertain their approximate power.

Throughout these observations the air was clear, with only slight haze at times, and there was no moon. There was no wind to affect the burning of the lamps.

To assist me in this work there has been placed at my disposal by Mr. S. McCormick, Superintendent of Lamps and Gas, complete maps of the city, copies of the report of the Superintendent of Lamps and Gas, statistics of gas and electric lights as used in other cities and much other valuable information.

Before stating the conclusions which have been reached as the result of these observations, brief reference will be made to the apparent discrepancy between the theoretic power of the electric light and the results of practical experience regarding the number of gas-lamps which can be replaced by one electric-lamp in street lighting. By measurement the electric-lamp as used in the streets of this city has from twenty-five to thirty times the power of a gas-lamp, or since the distances at which the luminous effects are equal are proportioned to the square roots of the intensities, the electric-lamp should be as effective at 250 feet as the gas-lamp at 50, and if it were a question of illuminating an open area, one electric-lamp would be equivalent to 25 or 30 gas-lamps. But in street lighting, the fact that the streets are narrow compared to the full range of a powerful electric light, and the existence of numerous obstructions, such as telegraph poles, trees, awnings, elevated railroad structures, etc., render it impossible to realize the full theoretic value of the arc light, and it becomes necessary, in order to provide sufficient light in all places where required, and prevent the deep shadows cast by obstructions, to provide a great excess of illumination over what theory would indicate as necessary.

From the last annual report of the Superintendent of Lamps and Gas it appears that the average number of gas-lamps replaced by each electric light now in use is 4.516, the number varying from 2.7 on Chambers street, between Broadway and North river, to 8.75 on Park avenue, between Thirty-fourth and Forty-second streets. This variation shows the effect of local conditions since the gas and electric lamps are about the same in all parts of the city, and in any case, it is evident that the establishing of so large a proportion of electric lights to replace the gas-lamps, which is rendered necessary by the numerous obstacles to the free radiation of the light and by the fact that there must be at least one lamp at each street intersection, whatever the length of the blocks, results in a greatly increased amount of illumination, and this should be considered when making comparisons of cost.

With regard to the claim of the Harlem Electric Light Company, that each of their lamps would displace eight gas-lamps, it appears that this was not based upon any pretended superiority in the lamp itself over others in use for street lighting, but was made with the assumption that the lamps could be hung in the most efficient manner over the centres of the streets, and reference was had only to certain streets where the conditions were favorable. The electrical measurements indicated that the lamps were of the usual power of so-called "2,000 candle" lamps.

The general plan of lighting, as proposed by the Harlem Company, is to place one lamp to the block on First, Third, Fourth, Madison, Lexington, Fifth, Sixth, Seventh and Eighth avenues, 38 lamps on One Hundred and Twenty-fifth street, from East river to Manhattan street, North river, 7 lamps on Harlem Bridge, and 12 lamps in Mount Morris Park.

I believe that this plan will result in the efficient lighting of all these streets, except Third and Eighth avenues, if the lamps are properly placed, and that all the public gas-lamps on each of the above-named streets where electric-lamps are placed can be dispensed with, together with one lamp on each adjacent side street. On Third and Eighth avenues I am of the opinion that two lamps per block will be necessary on account of the elevated road. The claim that each lamp at the street intersections will displace two lamps in each of the adjacent side streets would, I think, in many cases, be true if the lamps were suspended at proper height at the centre of the intersection and there were no obstructions. But as it is not certain that it will be found practicable to suspend the lamps in that manner, and on account of the numerous trees in this part of the city which will shortly become more of an obstruction to the light than they are now, I have estimated that in addition to the lights on the avenues each electric-lamp will displace one lamp on each side street. On Lexington avenue, there being only three gas-lamps to the block, the entire number displaced by each electric-lamp is less than where there are now four lamps to the block. On Fourth avenue there are a large number of gas-lamps on account of the sunken railway, and it is estimated that each electric-lamp will here displace ten gas-lamps.

Many of the gas-lamps in this quarter of the city are not yet supplied, but the estimates are made assuming the system of gas-lamps to be complete.

The conclusions arrived at as the result of the observations and tests described are summarized as follows :



1. That the electric-lamps which the Harlem Lighting Company propose to use for street lighting are practically equivalent to those now in use for that purpose in other parts of the city.
2. That the manner in which the experimental lamps are suspended in One Hundred and Twenty-fifth street, from an iron arm projecting out over the street, illuminates the street more efficiently than when the lamp is supported on a pole at the curb.
3. That the suspension of the lamp over the centre of the street intersection, as was done at One Hundred and Twenty-third street and First avenue, is the most effective method for street lighting.
4. That the general plan proposed by the Harlem Lighting Company, as to the number of lights and their locations, will result in the proper and efficient illumination of the streets contemplated, except in Third and Eighth avenues.
5. That in Third and Eighth avenues two electric-lamps per block, instead of one, will be found necessary on account of the elevated road structures on these streets.
6. That twelve lamps will not be sufficient to properly illuminate Mount Morris Park.
7. That the number of gas-lamps, present and prospective, which will be replaced by each electric-lamp which the Harlem Lighting Company proposes to erect, is estimated as follows:
 

On Third and Eighth avenues (2 lamps per block).....	4 gas-lamps.
On First, Madison, Fifth, Sixth and Seventh avenues, and One Hundred and Twenty-fifth street.....	6 "
On Lexington avenue.....	5 "
On Fourth avenue.....	10 "
Average number displaced, not including Third and Eighth avenues.....	6.31 "
Average number displaced, including Third and Eighth avenues, and estimating two lamps per block on these avenues.....	5.01 "
8. That the general plan of street lighting, proposed by the Harlem Lighting Company, with the modification of placing two lamps per block instead of one on Third and Eighth avenues, will result in a greatly increased illumination of the streets over that which exists at present.

The amount of this increase it is impossible to calculate accurately, but it is estimated at from two and one-half to three times the present illumination, and this fact should be considered in making comparisons of cost.

Very respectfully, your obedient servant,  
JOHN MELLIS.

The Mayor moved that action on the bids be postponed until Wednesday, 25th instant.  
Which was adopted.  
On motion of the Mayor, the Board adjourned until 2 o'clock P. M., of Wednesday, May 25, 1887, at the Mayor's office.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

WEDNESDAY, May 25, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 2 o'clock P. M., of Wednesday, May 25, 1887.

All were present, viz:  
Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.  
The minutes of the meeting of May 23, 1887, were read and approved.

The Mayor presented the following communication:

HARLEM LIGHTING COMPANY,  
NOS. 242 AND 244 EAST ONE HUNDRED AND TWENTY-SECOND STREET,  
NEW YORK, May 20, 1887.

To the President of the Board of Aldermen:

DEAR SIR—Understanding that the East River Electric Light Company has taken special pains to convince your Honorable Board that their company were the means of reducing the price of electric lights for City lighting and thus saving the City a very large amount, I wish to state that on the first opening of the bids the Brush and United States Companies' price was 65 cents per night and the Harlem Lighting Company's was 48 cents per night, being 22 cents lower than the City. As the East River Company did not bid, what did they do to reduce the price? They sent a committee to the Gas Commission asking to have the bids readvertised so as to enable them to put in a bid. This was done, and the several times the bids were opened the Harlem Lighting Company's bid of 44½ cents was again lower than the Brush and United States, whose bid was 50 cents per night, but the Waterhouse Electric and Manufacturing Company was lowest of all, 42½ cents per night. The third time the Harlem Lighting Company was again lower than the East River Company. I believe in giving justice to whom justice is due, and the Harlem Lighting Company is entitled to the credit of saving the City a large amount of money.

The resolution granted us by the Board of Aldermen last fall only permitted us to run from Eighty-sixth street, north. In January we asked permission from the Board to permit us to run all over the city so we could compete for the whole of the City lighting.

If your Board intends to grant any electric light resolution we think they should pass the Harlem Lighting Company as they have a splendid station, one of the largest and best in the city, and actually in operation.

They are using the Waterhouse Electric and Manufacturing Company's system, which is the best system of electric lighting in America.

We are producing the best light and can bid as low as any company if we are allowed sufficient territory.

Very truly yours,  
HARLEM LIGHTING COMPANY,  
JOHN H. HAFGOOD, Vice-President.

Which was ordered on file.

The Mayor then stated that the Board of Aldermen was to hold a special meeting on Friday next, to take action on the resolution granting permission to the several electric light companies; and he moved that the Board do now adjourn until 11 o'clock A. M., of Saturday, 28th instant.

Which was adopted.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

SATURDAY, May 28, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 11 o'clock A. M., of Saturday, May 28, 1887.

All were present, viz:  
Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The Counsel to the Corporation being also present.

The minutes of the meeting of May 25, 1887, were read and approved.

The following communication was received:

OFFICE OF THE BALL ELECTRICAL ILLUMINATING COMPANY,  
No. 21 PARK ROW, NEW YORK, May 26, 1887.

To the Hon. ABRAM S. HEWITT, Mayor; EDWARD V. LOEW, Comptroller, and JOHN NEWTON, Commissioner of Public Works, New York City:

GENTLEMEN—In accordance with the action of the Board of Trustees of "The Ball Electrical Illuminating Company," we are instructed to say to your Honorable Commission that in the event of the proper franchise being granted to this company by the Board of Aldermen of said city in accordance with the resolution heretofore submitted by his Honor the Mayor, the conditions attached by this company to its "bid or estimate" submitted on the 16th instant, for furnishing the City with electric-lights, is hereby withdrawn and said "bid or estimate" is to stand and be considered by your Honorable Commission without any such conditions attached, and if a contract should be awarded to this company upon such "bid or estimate," the same will be duly executed and faithfully carried out by this company in accordance with the rules and regulations of the Department of Public Works, and the terms and conditions of such contract.

Respectfully submitted, etc.,

THE BALL ELECTRICAL ILLUMINATING COMPANY,  
By SAMUEL ASHTON, President.

MICHAEL CRANE, Secretary.  
Which was ordered on file.

The Mayor then stated that several adjournments of the Commission had been taken in order to await the action of the Board of Aldermen on the applications of the several electric light companies now pending before said Board, and that the Aldermen at the special meeting yesterday had referred the whole matter to its Committee on Lamps and Gas, and as the Brush Company was the lowest formal bidder he offered the following resolution:

Resolved, That an award of contract be made to the Brush Electric Illuminating Company of New York for furnishing and lighting electric-lamps on the several streets or parts of streets and places now lighted by said company, excepting Union and Madison Squares, at the rate specified in its bid, to wit: At the rate of twenty-five cents per night for each lamp.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

Mr. William L. Strong, President of the Brush Company, being present, stated his company

would continue to light the lamps on the masts in Union and Madison Squares until such time as the Gas Commission should order the company to discontinue the same.

The Mayor then moved that all other bids be rejected.

Which was adopted.

The Comptroller then moved that the Commissioner of Public Works be appointed a Committee of one to prepare a suitable form of contract for electric lighting, and that a readvertisement be issued at an early day.

Which was adopted.

On motion of the Mayor, the Board adjourned, subject to the call of the Chair.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

FRIDAY, July 29, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 11.45 o'clock A. M., on Friday, July 29, 1887.

Present—Hon. Abram S. Hewitt, Mayor; John Newton, Commissioner of Public Works.

The minutes of the meeting of May 28, 1887, were read and approved.

The Commissioner of Public Works submitted a form of contract for furnishing and maintaining electric lights for the streets, parks and public places of the City of New York.

The Mayor moved that the form of contract submitted by the Commissioner of Public Works be approved.

Which was adopted by the following vote:

Affirmative—The Mayor and the Commissioner of Public Works.

The Commissioner of Public Works moved that proposals for furnishing, lighting and maintaining electric-lamps be invited, and that the same be opened at 12 o'clock noon, of Monday, August 22, 1887.

Which was adopted.

The Secretary presented resolutions of the Board of Aldermen, requesting that Ninety-ninth street, from Second avenue to East river; Liberty street, from Broadway to West street; Madison street, from Catharine to Grand street; Cherry street, from Catharine street to East river; Hudson street, from Fourteenth to Houston street; Washington street, from Gansevoort to Houston street; Barrow street, from Fourth to West street; Third avenue, from One Hundred and Thirtieth to One Hundred and Seventieth street, be lighted by electric lights.

Which were ordered on file.

The Secretary presented the following:

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
July 13, 1887.

To the Gas Commission:

GENTLEMEN—Under an agreement between the Suburban Rapid Transit Company and this Department, the foot-path of the bridge over Harlem river at Second avenue has been opened for the free use of the public.

I am directed by the Board of Parks to request that provision be made for properly lighting the approaches to the stairways leading to the foot-path of the bridge in order that its use at night may be rendered safe.

Very respectfully,

CHARLES DE F. BURNS, Secretary Department Public Parks.

On motion of the Mayor, the matter was referred to the Commissioner of Public Works, with power to light these approaches to the bridge.

The Secretary presented the following:

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
July 20, 1887.

To the Gas Commission:

GENTLEMEN—In the early part of the present year this Department was advised by your Secretary that the matter of lighting Bryant Park would be considered by your Commission in March last. I am directed to ask whether any action has been taken in the matter, and, if not, to request that provision be made for the proper lighting of that park as soon as may be practicable.

Yours, very respectfully,

CHARLES DE F. BURNS, Secretary Department Public Parks.

The Mayor moved that the matter be referred to the Commissioner of Public Works, and that he cause the park to be lighted.

Which was adopted.

The Secretary presented the following:

CITY OF NEW YORK—DEPARTMENT OF PUBLIC PARKS,  
NOS. 49 AND 51 CHAMBERS STREET,  
July 21, 1887.

To the Gas Commission:

GENTLEMEN—At a meeting of the Board of Parks, held on 20th instant, it was Resolved, That in the interests of good order the Gas Commission be requested to cause the immediate lighting of Mount Morris Park by electricity through similar apparatus to that now in use in Madison Square Park.

Yours, very respectfully,

CHARLES DE F. BURNS, Secretary Department Public Parks.

On motion of the Mayor, the paper was laid over.

On motion, the Board then adjourned until 12 o'clock of Monday, August 22, 1887.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

MONDAY, August 22, 1887.

At a meeting of the officers designated in section 69 of the New York City Consolidation Act of 1882, at 12 o'clock M., of Monday, August 22, 1887.

On the roll being called the Commissioner of Public Works was present.

A quorum not being present, the Commissioner of Public Works announced that the opening of the proposals, advertised to be opened at 12 o'clock this day, would be postponed until 12 o'clock M. of Tuesday, August 23, 1887, and that the Gas Commission would stand adjourned until said time.

The estimate-box was securely sealed and placed in the possession of the Commissioner of Public Works.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

TUESDAY, August 23, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Commissioner of Public Works, at 12 o'clock M., of Tuesday, August 23, 1887.

Present—Hon. Henry R. Beekman, President of Board of Aldermen, Acting Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of July 29, 1887, were read and approved.

The Secretary presented an affidavit of J. C. Higgins, Clerk of the CITY RECORD, that an advertisement inviting proposals for furnishing, operating and maintaining electric-lamps on the streets, parks and public places of the City of New York had been published in the CITY RECORD for ten days consecutively, commencing on the 10th day of August, 1887.

Which was ordered on file.

The estimate-box was then opened and seven bids were found therein and publicly read, as follows:

1. The American Electric Manufacturing Company—For furnishing electric "arc" lamps (of not less than 1,000 candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of the American system, and to be on special lamp-posts or supports, to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for a period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:
 

Riverside Drive, One Hundred and Tenth to One Hundred and Twenty-second street.....	22 lamps.
Boulevard, One Hundred and Tenth to One Hundred and Fifty-fifth street.....	52 "
New avenue, One Hundred and Tenth to One Hundred and Twenty-second street.....	12 "
Eighth avenue, Ninety-second to One Hundred and Fifty-fifth street.....	70 "
Tenth avenue, One Hundred and Tenth to One Hundred and Eighty-fifth street.....	75 "
Seventh avenue, One Hundred and Tenth to One Hundred and Fifty-first street.....	40 "
Sixth avenue, One Hundred and Tenth to One Hundred and Thirty-sixth street.....	25 "
St. Nicholas avenue, One Hundred and Tenth to One Hundred and Fifty-fifth street.....	38 "
One Hundred and Tenth street, Boulevard to St. Nicholas avenue.....	16 "
One Hundred and Sixteenth street, Eighth to Sixth avenue.....	6 "
One Hundred and Twenty-fifth street, Sixth avenue, via Manhattan street, to North river.....	16 "
One Hundred and Thirty-fifth street, Eighth to Sixth avenue.....	7 "



One Hundred and Forty-fifth street, Eighth to Sixth avenue.....	about	7 lamps.
One Hundred and Fifty-fifth street, Boulevard to St. Nicholas avenue.....	"	6 "
McComb's Bridge road, Eighth avenue to bridge.....	"	5 "
Total.....		397 lamps.

—or any portion thereof as may be designated by the Gas Commission. The annexed maps, showing the proposed location of poles and lamps are subject to such changes and modifications as may be required by the Board of Electrical Control. For each lamp, per night, the sum of thirty-two cents (32 cents) for the lamps shown on Map No. 1.

The existing and proposed central stations are to be located as follows: No. 1 on the northeast corner of Lawrence street and Tenth avenue; No. 2, northwest corner of Oak and One Hundred and Thirty-eighth streets. It is proposed to provide against the extinction of the lights from damage to the central stations by fire, as follows: If fire prevents running Station No. 1, will connect lamps with Station No. 2, and vice versa.

Sureties { Edward H. Goff, No. 16 Cortlandt street, N. Y.  
John J. Kiernan, No. 19 Wall street, N. Y.

2. The East River Electric Light Company—For furnishing electric "arc" lamps (of not less than one thousand candle-power, by photometric test, estimated in one direction, at an angle of forty degrees with, and below from, the horizontal), said lamps to be of the voltaic arc kind of the Thomson-Houston system and to be on special lamp-posts or supports to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for the period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

In the district bounded by Ann and Vesey streets on the south, and East Eighty-sixth and West Fifty-ninth streets on the north, and by the East and Hudson rivers, about one thousand lamps, subdivided as follows:

For (19 9-10) nineteen 9-10 cents for each lamp per night—		
Third avenue, from Eighty-sixth street to Bowery.....	about	70 lamps.
Bowery, from Third avenue to Park Row.....	"	20 "
Park Row, from Bowery to Ann street and Broadway.....	"	14 "
Grand street, from Broadway to East river.....	"	30 "
Sixth avenue, from Carmine to Fifty-ninth street.....	"	51 "
Eighth avenue, from Fourteenth to Fifty-ninth street.....	"	46 "
Broadway, from Canal to Fourteenth street.....	"	25 "
Total.....		256 lamps.

For thirty-nine cents (39 cents) for each lamp per night—		
Ninth avenue, from Fourteenth to Fifty-ninth street.....	about	40 lamps.
Tenth avenue, from Fourteenth to Fifty-ninth street.....	"	41 "
Second avenue, from Houston to Eighty-sixth street.....	"	82 "
First avenue, from Houston to Twenty-third street.....	"	21 "
Avenue A, from Houston to Twenty-third street.....	"	21 "
Avenue B, from Houston to Fourteenth street.....	"	12 "
Avenue C, from Houston to Fourteenth street.....	"	12 "
Avenue D, from Houston to Fourteenth street.....	"	11 "
West Broadway and South Fifth avenue, from Washington Square to Chambers street.....	"	22 "
Centre street, from Brooklyn Bridge to Grand street.....	"	13 "
Desbrosses street, from ferry to Canal street, and Grand street to Broadway.....	"	12 "
Houston street, from North river to East river ferries.....	"	39 "
Christopher street, from Sixth avenue and Eighth street, on Eighth street, from Sixth avenue to Cooper Union Square, and on Stuyvesant street, from Eighth to Tenth street; and on Tenth street, from Second avenue to East river ferry.....	"	32 "
West Eleventh street, from Seventh avenue to North river.....	"	10 "
Fourth avenue, from Bowery to Fourteenth street.....	"	7 "
Park junction Third and Fourth avenues, forks of Bowery.....	"	3 "
Washington Square.....	"	15 "
Bryant Park.....	"	8 "
Total.....		401 lamps.

For forty-nine cents (49 cents) for each lamp per night—		
North river front, West Eleventh to Fifty-ninth street.....	about	54 lamps.
Eleventh avenue, from West Fourteenth to Fifty-ninth street.....	"	41 "
Madison avenue, from West Twenty-third to Eighty-sixth street.....	"	59 "
Irving place, Gramercy Park, East and West, and Lexington avenue, from Fourteenth to Eighty-sixth street.....	"	69 "
Depew place, from Forty-second to Forty-fifth street.....	"	3 "
Vanderbilt avenue, from Forty-second to Forty-fifth street.....	"	3 "
East river front, from Grand to Eighty-sixth street.....	"	50 "
Livingston place, from Fifteenth to Seventeenth street, both inclusive.....	"	3 "
Rutherford place, from Fifteenth to Seventeenth street, both inclusive.....	"	3 "
First avenue, from Twenty-fourth to Eighty-sixth street.....	"	60 "
East River Park, foot of Eighty-sixth street.....	"	8 "
Total.....		353 lamps.

Besides one arc lamp free for every fifty used by private consumers.

The existing and proposed central stations are located as follows: (1) West Eleventh street, between West street and Eleventh avenue, and (2) foot of Twentieth street, East river, N. Y.

It is proposed to provide against the extinction of the lights from damage to the central stations by fire, as follows: Should one of said central stations be damaged sufficiently by fire, the circuits will be connected with the other station; also arrangements have been made with G. F. Hall, of Centre street, N. Y., whereby circuits may be connected with his steam power plants, situated at Nos. 211 and 83 Centre street, corner Grand, N. Y., and Greenwich and Vestry streets, aggregating one thousand horse-power. Extra dynamos will be set up in his place ready for instant use.

Sureties { Edward Duffy, No. 231 East Eighteenth street, N. Y.  
Peter Butterly, No. 402 East Fifteenth street, N. Y.

3. Harlem Lighting Company—For furnishing electric "arc" lamps (of not less than one thousand candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of Waterhouse system, and to be on special lamp-posts or supports to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same, for the period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

One Hundred and Twenty-eighth street, from East river to Manhattan avenue; thence on Manhattan avenue to North river, 28 lamps, and for each lamp the sum of (24) twenty-four cents per night.

Third avenue, from Eighty-sixth to One Hundred and Thirtieth street, 44 lamps, and for each lamp the sum of (24) twenty-four cents per night.

On Third Avenue Bridge, 7 lamps, and for each lamp the sum of (60) sixty cents per night.

In Mount Morris Park, 12 lamps, and for each lamp the sum of (50) fifty cents per night.

Eighth avenue, from One Hundred and Twenty-first to One Hundred and Fifty-fifth street, 34 lamps, and for each lamp the sum of (24) twenty-four cents per night.

First avenue, from One Hundred and Tenth to One Hundred and Twenty-fifth street, 15 lamps, and for each lamp the sum of (40) forty cents per night.

Fourth avenue, from One Hundred and Sixteenth to One Hundred and Thirty-first street, 15 lamps, and for each lamp the sum of (40) forty cents per night.

Fifth avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street, 12 lamps, and for each lamp the sum of (50) fifty cents per night.

Sixth avenue, from One Hundred and Tenth to One Hundred and Thirty-sixth street, 26 lamps, and for each lamp the sum of (50) fifty cents per night.

Seventh avenue, from One Hundred and Tenth to One Hundred and Fifty-first street, 41 lamps, and for each lamp the sum of (50) fifty cents per night.

Madison avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-sixth street, 12 lamps, and for each lamp the sum of (50) fifty cents per night.

St. Nicholas avenue, from One Hundred and Tenth to One Hundred and Fifty-fifth street, 45 lamps, and for each lamp the sum of (50) fifty cents per night.

Mount Morris avenue, from One Hundred and Twentieth to One Hundred and Twenty-fourth street, 5 lamps, and for each lamp the sum of (50) fifty cents per night.

The existing and proposed central stations are to be located as follows: Nos. 242 and 244 East One Hundred and Twenty-fourth street, N. Y. City. It is proposed to provide against the extinction of the lights from damage to central stations by fire as follows: By an arrangement with the North New York Lighting Company to run the lamps of this company in case of accident by fire or otherwise.

Sureties { A. L. Souldard, No. 34 Nassau street, N. Y.  
Meyer Hillman, No. 39 Nassau street, N. Y.

4. The North New York Lighting Company—For furnishing electric "arc" lamps (of not less than 1,000 candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of the Thomson-Houston system and to be on special lamp-posts or supports to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for the period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

Third avenue, from bridge to One Hundred and Seventieth street.....	about	70 lamps.
One Hundred and Thirty-eighth street, from Madison Avenue Bridge to Southern Boulevard.....	"	31 "
Alexander avenue, from Southern Boulevard to junction of Third avenue.....	"	10 "
Willis avenue, from Southern Boulevard to junction of Third avenue.....	"	13 "
Courtland avenue, from Third avenue to One Hundred and Sixty-first street.....	"	15 "
Southern Boulevard, from Third avenue to One Hundred and Thirty-eighth street.....	"	25 "
Washington avenue, from Third avenue to One Hundred and Seventieth street.....	"	21 "
One Hundred and Fifty-sixth street, from Third to St. Ann's avenue.....	"	2 "
Lincoln avenue, from Southern Boulevard to Third avenue.....	"	4 "
Mott avenue, from One Hundred and Thirty-eighth street to New York Central and Hudson River Railroad.....	"	10 "
Morris avenue, from One Hundred and Thirty-eighth street and junction of Third avenue to New York and Harlem Railroad.....	"	21 "
Westchester avenue, from Third to St. Ann's avenue.....	"	8 "
St. Ann's avenue, from Westchester to Third avenue.....	"	9 "
Total.....		239 lamps.

For each lamp per night the sum of forty cents per night.

The existing and proposed central stations are to be located as follows:

On Railroad avenue, north of One Hundred and Thirty-eighth street, running through to Mott Haven Canal.

It is proposed to provide against the extinction of the lights from damage to central stations by fire as follows: To run the machines from J. L. Mott's Iron Works.

Sureties { Jordan L. Mott, Jr., No. 63 West Fifth street, N. Y.  
James M. Motley, No. 26 Liberty street, N. Y.

5. The Brush Electric Illuminating Company—For furnishing electric "arc" lamps (of not less than one thousand candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of the Brush system, and to be on special lamp-posts or supports to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for the period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

Park Row, from Ann street to Chatham Square.....	14 lamps.
Avenue A, from Fourteenth to Twenty-fourth street.....	9 "
Avenue B, from Fourteenth to Twenty-second street.....	8 "
First avenue, from Fourteenth to Fifty-ninth street.....	53 "
Grand street, from Sullivan street to East river.....	34 "
Union Square Park.....	8 "
Madison Square Park.....	14 "
(One hundred and forty).....	140 lamps.

For each lamp per night the sum of twenty-five cents (25 cents).

Second avenue, from Houston to Fifty-ninth street.....	56 lamps.
Vanderbilt avenue, from Forty-second to Forty-fifth street.....	3 "
Fourth avenue, from Sixth to Seventeenth street.....	12 "
Bowery, from Chatham Square to Fourth avenue.....	25 "
Chatham Square.....	6 "
Elizabeth street, from Bayard to Bleecker street.....	20 "
Tenth avenue, from Little Twelfth to Fifty-ninth street.....	44 "
Eleventh avenue, from Fourteenth to Fifty-ninth street.....	42 "
Irving place, from Fourteenth to Twentieth street.....	6 "
Eighth street, from Sixth avenue to East river.....	30 "
Houston street, from river to river.....	43 "
Seventh avenue, from Eleventh to Fourteenth street.....	3 "
Third avenue, from Sixth to Fifty-ninth street.....	48 "
Sixth avenue, from Carmine to Fifty-ninth street.....	52 "
Eighth avenue, from Abingdon Square to Fifty-ninth street.....	47 "
(Four hundred and thirty-seven).....	437 lamps.

For each lamp the sum of forty cents (40 cents).

The existing and proposed central stations are to be located as follows: Nos. 133 and 135 West Twenty-fifth street, Nos. 104 to 110 Elizabeth street (fire-proof).

It is proposed to provide against the extinction of the lights from damage to the central stations by fire as follows: By running city circuits from either of our stations which are connected together by trunk lines.

Sureties { Woodbury Langdon, No. 108 Worth street, New York.  
Julius Catlin, Jr., No. 216 Church street, New York.

6. The United States Illuminating Company—For furnishing electric "arc" lamps (of not less than one thousand candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of the United States Electric Lighting Company's system, and to be on special lamp-posts or supports, to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for the period commencing within thirty days or sixty days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

At 24 cents per lamp per night—		
Broadway, Canal to Thirteenth street.....		23 lamps.
Washington Square.....		15 "

At 40 cents per lamp per night—		
Cortlandt street, from Broadway to West street.....		5 lamps.
Liberty street, from Broadway to West street.....		5 "
Barclay street, from Broadway to ferry.....		8 "
Desbrosses street, from Canal to West street.....		4 "
Christopher street, from Bleecker to West street.....		7 "
Grand street, from East Broadway to East river.....		7 "
Houston street, from Bowery to East river.....		22 "
Whitehall street, from Bowling Green to South Ferry.....		5 "
Water-front, from Grand to Thirteenth street, East river.....		20 "
Chambers street, from Chatham street to East river.....		10 "
Chambers street, from Broadway to Chatham street.....		5 "
Fourth avenue, from Fourth to Thirteenth street.....		9 "
Grand street, from Bowery to Broadway.....		8 "
Park Row, from Broadway to Bowery.....		12 "

At 50 cents per lamp per night—		
Wall street, Broadway to ferry, East river.....		10 lamps.
Tenth street, Third avenue to ferry, East river.....		19 "
Centre street, Chambers to Broome street.....		12 "
Worth street, Park Row to Hudson street.....		12 "
Hudson street, Chambers to Thirteenth street.....		33 "

For each lamp per night the sum of twenty-four cents (24 cents) for 38 lamps; forty cents (40 cents) for 127 lamps; and fifty cents (50 cents) for 86 lamps.

The existing and proposed central stations are to be located as follows: Nos. 206 and 208 Fulton street, Nos. 36 and 38 Stanton street, and Nos. 416 to 426 East Twenty-ninth street, all of which are now in operation.

It is proposed to provide against the extinction of the lights from damage to the central stations by fire as follows: The above stations are already connected by trunk-line conductors, so that if the City lights should be suspended by reason of any damage at one station, the lights could in a moment be transferred to and run from either of the other stations, and to ensure reliable service this company has reserve powers.

Sureties { Malcolm Graham, No. 17 Maiden Lane, New York.  
Louis Fitzgerald, No. 115 East Thirty-sixth street, New York.

7. The Mount Morris Electric Light Company—For furnishing electric "arc" lamps (of not less than one thousand candle-power, by photometric test, estimated in one direction, at an angle of forty degrees from the horizontal), said lamps to be of the Schuyler system and to be on special lamp-posts or supports to be furnished and erected by the bidder, including the operating, maintaining, painting, cleaning and attending the same for the period commencing within thirty days or sixty



days after the execution of the contract, as the Mayor, Comptroller and Commissioner of Public Works may decide, to April 30, 1888, inclusive, in the following-described district, to wit:

Washington and Greenwich streets, from and including Battery place to and including Warren street—  
 On Washington street..... 16 lamps.  
 On Greenwich street..... 15 "  
 Church street, from Morris to and including Warren street..... 13 "  
 College place, from and including Barclay street to and including Warren street..... 4 "  
 Barclay street, from Greenwich to Church street, counted on College place.  
 Vesey street, from Greenwich to Church street..... 1 "  
 The intersection of Temple and Cedar streets..... 1 "  
 Rector street, Washington to Church, counted on other streets as laid down in map accompanying these specifications.  
 Making a total of fifty lamps..... 50 lamps.

For each lamp per night, forty (40) cents.

The existing and proposed central stations are to be located as follows:

One station at the southeast corner of Barclay and Washington streets, N. Y.

It is proposed to provide against the extinction of the lights from damage to the central stations by fire, as follows:

To rebate to the City of New York one-half the amount of payment as above mentioned, and to pay for the supply of gas burned at lamp-posts during company's disability.

Sureties { William Hills, No. 79 Park place, N. Y.

{ Julius A. May, No. 56 Broad street, N. Y.

The following communication was received:

OFFICE OF THE BALL ELECTRICAL ILLUMINATING CO.,  
 No. 21 PARK ROW,  
 NEW YORK, August 17, 1887.

To the Honorable ABRAM S. HEWITT, EDWARD V. LOEW and JOHN NEWTON, of the Gas Commission and Board of Public Works of the City of New York:

GENTLEMEN—We respectfully desire to call your attention to section 3 of your specifications, under which you invite proposals for furnishing and supplying electric lights for the City of New York. By reference to the section referred to it will be seen that its provisions exclude all companies except the United States, which uses what is known as the low-tension system, and necessitates a higher price to be bid for lights than that at which we could furnish you the same illuminating power and a steadier light than you could obtain by the use of the other system.

It is our purpose to submit proposals for furnishing the City with electric lights at a price which we think will be fully as low, if not less, than that which can be obtained from any other company, giving you a light of the candle-power called for. But if we should be hampered by the unnecessary and, as we believe, uncalled-for provisions of section 3 before referred to, we should necessarily be compelled to make our price per light much higher. With the provision referred to as it now stands, it will result in practical monopoly, and deprive the City of a cheap light. We, therefore, invite your attention to the section referred to, and respectfully suggest that so much of it as has been inadvertently, no doubt, inserted in the interest of a certain company be omitted, in which case it will open the door for all companies to bid, and give the City a much cheaper and equally as good a light, as well as be a great saving to the taxpayers.

To illustrate: There is but one company having a franchise in New York City using a dynamo filling the various requirements in specification 3, and by the insertion of same in the proposals, you are practically giving them a monopoly, which we know it is not your intention to do. The cost of an arc light is in direct proportion to the number of watts in the arc. Your specifications call for a light nearly twice as expensive to operate as those that you have been lighting the city with heretofore. The largest practical light which has been made for the past five years is what is known as the ten-ampere, giving a nominal 2,000 candle-power, or an actual candle-power measured one way as provided for in section 3 of your specifications of about 470, which measured in four ways, the system adopted, makes the nominal 2,000 candle-power. This contains about 450 watts in the lamp, which would give about 405 watts between carbons. Even this light is seldom used for street illumination, and is much larger than the lights furnished you by companies having contracts throughout the city. Our company, the Brush Illuminating Co., the East River Electric Light Co., the Harlem Electric Light Co., the Mt. Morris Electric Light Co. use the high-tension systems, while the United States Electric Light Co. is the only company possessing a franchise who professedly use the low-tension system.

We would suggest that if you desire to open the city lighting to fair competition you adopt as the basis of your bids the terms by which the various lights manufactured by the different electric-light companies are generally known, or the actual measurement of any of these lights measured at an angle of forty-five degrees, and by direct comparison with standard candles could be substituted in place of the nominal candle-power given below, and allow each company to bid for such size light as it may elect, subscribing to other portions of the specifications as to time of burning, size of carbons, etc.

The various lights made are commercially known as follows:

The Ball, 4-ampere, rated at 800 candle-power.

The Ball, 6-ampere; the Brush, 6 2-10-ampere; and the Thomson-Houston, 6 3-10-ampere, all rated at 1,200 candle-power.

The Ball, 8-ampere, rated at 1,600 candle-power.

The Ball, 10-ampere; Brush, 9 5-10-ampere; the Thomson-Houston, 9 6-10-ampere; Waterhouse, 9 5-10-ampere, all rated at 2,000 candle-power.

It is admitted that high-tension systems are much more economical than the low-tension, and the amount of light given is in direct proportion to the ampere current used. A high-tension arc having 475 watts between carbon points gives much more candle-power than your specifications call for. A high-tension arc giving the candle-power your specifications call for has less than 475 watts in the arc. Hence, you can plainly see that that clause of the specification referred to practically bars out the high-tension systems, or places them at a disadvantage.

All of which is respectfully submitted,

THE BALL ELECTRICAL ILLUMINATING CO.,  
 By SAMUEL ASHTON, President.

Which was ordered on file.

The following report was received:

TOMPKINSVILLE, N. Y.,  
 August 23, 1887.

Gen. JOHN NEWTON, U. S. Army, Commissioner of Public Works, New York City:

SIR—I have the honor to acknowledge receipt of a letter of August 17, 1887, addressed "to the Honorable Abram S. Hewitt, Edward V. Loew and John Newton, of the Gas Commission and Board of Public Works of the City," by Mr. Samuel Ashton, President of the Ball Electrical Illuminating Company of New York, which letter was referred to me by your endorsement of the 19th instant, requesting me to submit a report thereon.

I find that the letter makes certain criticisms upon the specifications under which proposals have been invited for lighting the streets, parks, etc., of the city by electric-lamps, and particular reference is made to that part of paragraph 3 of the specifications which gives the number of "watts" at which the lamps must be operated, exceptions being taken to this requirement on the ground that it is made in the interests of companies using particular systems of lighting. In regard to this it must only be stated that the number of watts used in a lamp being the product of the current by the difference of potential, the objection is manifestly without foundation, since the specifications allow either a large current with low potential ("low-tension system"), or a smaller current with higher potential ("high-tension system"), and only requires that the product of current by potential, which represents the amount of energy or power supplied to the lamp, shall not be less than a certain amount. This requirement is analogous to that in the gas contracts, which provides that a certain amount of gas must be consumed per hour in each burner, whether or not the illuminating power of the gas exceeds the standard of sixteen candles.

With regard to the actual candle-power of electric lamps, the statement that the largest practical lamp that has been made for the past five years has a power of about 470 candles is not in accordance with well-known facts.

The method of measurement suggested, by direct comparison with standard candles, has long been regarded by authorities as utterly unreliable. Forty degrees below the horizontal was adopted as the direction of measurement, since that is about the mean angle of maximum power for all systems of arc lamps. The maximum candle-power is found in a direction varying from 30 to 50 degrees from the horizontal, depending on the kind of lamp, whether "high-tension" or "low-tension."

With regard to the lamps now in use for street lighting, the contract under which they are operated requires them to be of 2,000 candle-power, and whether they are maintained at standard power or not, lamps of 470 candle-power were certainly not contemplated in making the present contracts for street illumination.

It should be added that in preparing the specifications in question a careful study was made of reports of reliable tests of arc lamps; among these the report of tests made at the International Electrical Exhibition held at Philadelphia in 1884. A copy of this report is submitted herewith. From the results given it will be seen that in order to get an actual power of 1,000 candles, 475 watts in the arc, making close allowance for power absorbed by the regulating mechanism of the lamp, is by no means an excessive calculation, even for some "high-tension" system.

It is well known to those acquainted with electric lighting that a great variety of arc lamps of inferior power have been made and brought into use, the difference between lamps of this class and those of higher power being often overlooked by the inexperienced user of electric light. These

low power lamps are of course much cheaper to operate than those that give more light, but since it was decided to adopt a lamp of 1,000 candle-power for street lighting, there is certainly no reasonable ground for objections to those portions of the specifications under which proposals for such lamps are invited, which were purposely inserted to exclude lamps of inferior power.

Very respectfully, your obedient servant,

JOHN MELLIS.

Which was ordered on file.

On motion, the Board then adjourned until 12 o'clock M., of Thursday, September 1, 1887.

S. McCORMICK, Superintendent Lamps and Gas, Secretary.

THURSDAY, September 1, 1887.

The officers designated in section 69 of the New York City Consolidation Act of 1882 met in the office of the Mayor at 12 o'clock M., of Thursday, September 1, 1887.

All were present, viz.:

Hon. Abram S. Hewitt, Mayor; Edward V. Loew, Comptroller; John Newton, Commissioner of Public Works.

The minutes of the meeting of August 23, 1887, were read and approved.

The Secretary presented the following report:

DEPARTMENT OF PUBLIC WORKS,  
 BUREAU OF LAMPS AND GAS, ROOM 11, NO. 31 CHAMBERS STREET,  
 NEW YORK, August 26, 1887.

Hon. ABRAM S. HEWITT, Mayor; EDWARD V. LOEW, Comptroller; JOHN NEWTON, Commissioner of Public Works:

SIRS—The following will show the lowest bidder for the several streets and places mentioned in the proposals for electric lighting, which were opened on the 22d inst., to wit:

The United States Illuminating Company was the lowest bidder for—  
 Washington Square Park, at 24 cents; East River Company bid 39 cents.  
 East river water-front, from Grand to Thirteenth street, at 40 cents; East River Company bid 49 cents.

And it was the only bidder for—

Cortlandt street, from Broadway to West street, at 40 cents.  
 Liberty street, from Broadway to West street, at 40 cents.  
 Barclay street, from Broadway to West street, at 40 cents.  
 Whitehall street, from Bowling Green to South Ferry, at 40 cents.  
 Chambers street, from Broadway to East river, at 40 cents.  
 Wall street, from Broadway to East river, at 50 cents.  
 Worth street, from Park Row to Hudson street, at 50 cents.  
 Hudson street, from Chambers to Thirteenth street, at 50 cents.  
 Centre street, from Grand to Broome street, at 50 cents.  
 Tenth street, from Broadway to Second avenue, at 50 cents.

The Brush Electric Illuminating Company was the lowest bidder for—

Avenue A, from Fourteenth to Twenty-fourth street, at 25 cents; East River Company bid 39 cents.

First avenue, from Fourteenth to Fifty-ninth street, at 25 cents; East River Company bid 39 cents.

Grand street, from Broadway to Varick street, at 25 cents; East River Company bid 39 cents.

Vanderbilt avenue, from Forty-second to Forty-fifth street, at 40 cents; East River Company bid 49 cents.

Eleventh avenue, from Fourteenth to Fifty-ninth street, at 40 cents; East River Company bid 49 cents.

Irving place, from Fourteenth to Twentieth street, at 40 cents; East River Company bid 49 cents.

And it was the only bidder for—

Avenue B, from Fourteenth to Twenty-second street, at 25 cents.  
 Union Park, at 25 cents.  
 Madison Park, at 25 cents.  
 Elizabeth street, from Bayard to Bleecker street, at 40 cents.  
 Fourth avenue, from Fourteenth to Seventeenth street, at 40 cents.  
 Seventh avenue, from Eleventh to Fourteenth street, at 40 cents.  
 Eighth avenue, from Abingdon Square to Fourteenth street, at 40 cents.  
 Eighth street, from Third avenue to East river, at 40 cents.

The East River Electric Light Company was the lowest bidder for—

Park Row, from Ann street to Bowery, at 19 9-10 cents; Brush Company bid 25 cents; United States Company bid 40 cents.

Bowery, from Park Row to Third avenue, 19 9-10 cents; Brush Company bid 40 cents.

Third avenue, from Bowery to Fifty-ninth street, 19 9-10 cents; Brush Company bid 40 cents.

Grand street, from Broadway to East river, at 19 9-10 cents; Brush Company bid 25 cents; United States bid 40 cents.

Sixth avenue, from Carmine to Fifty-ninth street, at 19 9-10 cents; Brush Company bid 40 cents.

Eighth avenue, from Fourteenth to Fifty-ninth street, at 19 9-10 cents; Brush Company bid 40 cents.

Broadway, from Canal to Fourteenth street, at 19 9-10 cents; United States Company bid 24 cents.

Tenth avenue, from Fourteenth to Fifty-ninth street, at 39 cents; Brush Company bid 40 cents.

Second avenue, from Houston to Fifty-ninth street, at 39 cents; Brush Company bid 40 cents.

Centre street, from Brooklyn Bridge to Grand street, 39 cents; United States Company bid 50 cents.

Desbrosses street, from West to Canal street, at 39 cents; United States Company bid 40 cents.

Christopher street, from West street to Sixth avenue, at 39 cents; United States Company bid 40 cents.

Houston street, from North to East river, at 39 cents; Brush Company bid 40 cents; United States Company, 40 cents.

Eighth street, from Sixth avenue to Cooper Union, at 39 cents; Brush Company bid 40 cents.

Tenth street, from Second avenue to East river, at 39 cents; United States Company bid 50 cents.

Fourth avenue, from Bowery to Fourteenth street, at 39 cents; United States Company bid 40 cents; Brush Company bid 40 cents.

And it was the only bidder for—

Third avenue, from Fifty-ninth to Eighty-sixth street, at 19 9-10 cents.  
 Ninth avenue, from Fourteenth to Fifty-ninth street, at 39 cents.  
 Avenue A, from Houston to Fourteenth street, at 39 cents.  
 Avenue B, from Houston to Fourteenth street, at 39 cents.  
 Avenue C, from Houston to Fourteenth street, at 39 cents.  
 First avenue, from Houston to Fourteenth street, at 39 cents.  
 Second avenue, from Fifty-ninth to Eighty-sixth street, at 39 cents.  
 Avenue D, from Houston to Fourteenth street, at 39 cents.  
 Grand street, from Varick to Sullivan street, at 39 cents.  
 West Broadway and South Fifth avenue, from Chambers street to Washington Square, at 39 cents.

Stuyvesant street, from Eighth to Tenth street, at 39 cents.

West Eleventh street, from Seventh avenue to North river, at 39 cents.

Park junction, Third and Fourth avenues, at 39 cents.

Bryant Park, at 39 cents.

North river water-front, from West Eleventh to Fifty-ninth street, at 49 cents.

East river water-front, from Thirteenth to Eighty-sixth street, at 49 cents.

Madison avenue, from Twenty-third to Eighty-sixth street, at 49 cents.

Lexington avenue, from Twenty-first to Eighty-sixth street, at 49 cents.

First avenue, from Fifty-ninth to Eighty-sixth street, at 49 cents.

Gramercy Park, East and West, at 49 cents.

Livingston place, from Fifteenth to Seventeenth street, at 49 cents.

Rutherford place, from Fifteenth to Seventeenth street, at 49 cents.

Depew place, from Forty-second to Forty-fifth street, at 49 cents.

East River Park, foot of Eighty-sixth street, at 49 cents.

The Mount Morris Electric Light Company was the only bidder for—

Washington street, from Battery place to Warren street,  
 Greenwich street, from Battery place to Warren street,  
 Church street, from Morris to Warren street,  
 College place, from Barclay to Warren street,  
 Vesey street, from Greenwich to Church street,  
 Junction of Temple and Cedar streets,  
 at 40 cents for 50 lamps.

The Harlem Lighting Company was the lowest bidder for—

One Hundred and Twenty-fifth street and Manhattan street, Sixth avenue to North river, at 24 cents; American Company bid 32 cents.

Eighth avenue, One Hundred and Twenty-first to One Hundred and Fifty-fifth street, at 24 cents; American Company bid 32 cents.



Tenth avenue, from Fourteenth to Fifty-ninth street . . . . .	about	41	lamps,	at	39	cents	each	per	night.
Centre street, from Brooklyn Bridge to Grand street.	"	13	"	"	39	"	"	"	"
Desbrosses street, from West to Canal street . . . . .	"	5	"	"	39	"	"	"	"
Christopher street, from West street to Sixth avenue	"	11	"	"	39	"	"	"	"
Houston street, from North to East river . . . . .	"	39	"	"	39	"	"	"	"
Tenth street, from Second avenue to East river . . .	"	7	"	"	39	"	"	"	"
Eighth street, from Sixth avenue to Cooper Union.	"	8	"	"	39	"	"	"	"
Fourth avenue, from Bowery to Fourteenth street.	"	7	"	"	39	"	"	"	"
Avenue B, from Houston to Fourteenth street. . .	"	12	"	"	39	"	"	"	"
Avenue D, from Houston to Fourteenth street. . .	"	11	"	"	39	"	"	"	"
First avenue, from Houston to Fourteenth street . .	"	12	"	"	39	"	"	"	"
West Broadway and South Fifth avenue, from Chambers street to Washington Square . . . . .	"	22	"	"	39	"	"	"	"
Stuyvesant street, from Eighth to Tenth street. . .	"	3	"	"	39	"	"	"	"
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.									
The Commissioner of Public Works offered the following resolution :									
Resolved, That an award of contract is hereby made to the Mount Morris Electric Light Company for furnishing, operating and maintaining electric-lamps on the following-named streets, to wit :									
Greenwich street, from Battery place to Warren street. .	about	15	lamps,	at	40	cents	each	per	night.
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.									
The Commissioner of Public Works offered the following resolution :									
Resolved, That an award of contract is hereby made to the Harlem Lighting Company for furnishing, operating and maintaining electric-lamps on the following-named streets, to wit :									
One Hundred and Twenty-fifth street, from East river to Manhattan street, and on Manhattan street to North river . . . . .	about	38	lamps,	at	24	cents	each	per	night.
Eighth avenue, from One Hundred and Twenty-first to One Hundred and Fifty-fifth street . . . . .	"	34	"	"	24	"	"	"	"
Third avenue, from Eighty-sixth to One Hundred and Thirtieth street . . . . .	"	44	"	"	24	"	"	"	"
Mount Morris Park . . . . .	"	12	"	"	50	"	"	"	"
Harlem Bridge, Third avenue . . . . .	"	7	"	"	60	"	"	"	"
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.									
The Commissioner of Public Works offered the following resolution :									
Resolved, That an award of contract is hereby made to the American Electric Manufacturing Company for furnishing, operating and maintaining electric-lamps on the following-named streets to wit :									
Sixth avenue, from One Hundred and Tenth to One Hundred and Thirty-sixth street . . . . .	about	25	lamps,	at	32	cents	each	per	night.
Boulevard, from One Hundred and Tenth to One Hundred and Fifty-fifth street . . . . .	"	52	"	"	32	"	"	"	"
One Hundred and Tenth street, from Boulevard to St. Nicholas avenue . . . . .	"	16	"	"	32	"	"	"	"
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.									
The Commissioner of Public Works offered the following resolution :									
Resolved, That an award of contract is hereby made to the North New York Lighting Company, for furnishing, operating and maintaining electric-lamps on the following-named streets to wit :									
Third avenue, from Harlem Bridge to Willis avenue. . .	about	20	lamps,	at	40	cents	each	per	night.
One Hundred and Thirty-eighth street, from Madison Avenue Bridge to Third avenue . . . . .	"	6	"	"	40	"	"	"	"
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.									
The Mayor then moved that all the remaining parts of the several bids not named in the resolutions of awards be rejected.									
Which was adopted by the following vote :									
Affirmative—The Mayor, the Comptroller and the									

BIDDER AND PRICE.	LOWEST BIDDER FOR LAMPS.	ONLY BIDDER FOR LAMPS.	TOTAL NUMBER OF LAMPS.
United States Illuminating Company, at 24 cents.....	25	....	
" " " at 40 cents.....	....	38	
" " " at 50 cents.....	....	58	
Brush Electric Illuminating Company, at 25 cents.....	69	....	121
" " " at 40 cents.....	51	....	
" " " at 25 cents.....	....	30	
" " " at 40 cents.....	....	40	
East River Electric Light Company, at 19 $\frac{1}{2}$ cents.....	244	....	150
" " " at 39 cents.....	181	....	
" " " at 19 $\frac{1}{2}$ cents.....	....	27	
" " " at 39 cents.....	....	178	
" " " at 49 cents.....	....	160	
Mount Morris Electric Light Company, at 40 cents.....	....	50	798
Harlem Lighting Company, at 24 cents.....	62	....	50
" " " at 24 cents.....	....	54	
" " " at 40 cents.....	....	80	
" " " at 50 cents.....	....	41	
" " " at 60 cents.....	....	7	
American Electric Manufacturing Company, at 32 cents.....	103	239	244
North New York Lighting Company, at 40 cents.....	....	239	342
			239
			1,984

Which was ordered on file.

The Commissioner of Public Works offered the following resolution :

Resolved, That an award of contract is hereby made to the United States Illuminating Company for furnishing, operating and maintaining electric-lamps on the following-named streets, to wit :

Washington Square Park.....	about 15	lamps, at 24	cents each per night.
Cortlandt street, from Broadway to West street.....	5	40	" "
Liberty street, from Broadway to West street.....	5	40	" "
Barclay street, from Broadway to West street.....	8	40	" "
Whitehall street, from Bowling Green to South Ferry.....	5	40	" "
Chambers street, from Broadway to East river.....	15	40	" "

Which was adopted by the following vote :

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Commissioner of Public Works offered the following resolution :

Resolved, That an award of contract is hereby made to the Brush Electric Illuminating Company, for furnishing, operating and maintaining electric-lamps on the following-named streets, to wit :

Avenue A, from Fourteenth to Twenty-fourth street..	about 9	lamps, at 25	cents each per night.
First avenue, from Fourteenth to Fifty-ninth street....	53	25	" "
Grand street, from Broadway to Sullivan street.....	7	25	" "
Irving place, from Fourteenth to Twentieth street....	6	25	" "
Avenue B, from Fourteenth to Twenty-second street..	8	25	" "
Union Park.....	8	25	" "
Madison Park.....	14	25	" "
Fourth avenue, from Fourteenth to Seventeenth street.	3	40	" "
Eighth street, from Third avenue to East river.....	14	40	" "

Which was adopted by the following vote :

Affirmative—The Mayor, the Comptroller and the Commissioner of Public Works.

The Commissioner of Public Works offered the following resolution :

Resolved, That an award of contract is hereby made to the East River Electric Light Company for furnishing, operating and maintaining electric-lamps on the following-named streets, to wit :

Park Row, from Ann street to Bowery .....	about 14	lamps, at 19 9-10	cents each per night.
Bowery, from Park Row to Third avenue.....	20	19 9-10	" "
Third avenue, from Bowery to Eighty-sixth street.	87	19 9-10	" "
Grand street, from Broadway to East river .....	30	19 9-10	" "
Sixth avenue, from Carmine to Fifty-ninth street.,	51	19 9-10	" "
Eighth avenue, from Fourteenth to Fifty-ninth street .....	46	19 9-10	" "
Bowery, from Canal to Fourteenth street.....	23	19 9-10	" "

DEPARTMENT OF PUBLIC CHARITIES AND  
CORRECTION.

MEETINGS, AUGUST 29 TO SEPTEMBER 3, 1887.

### Communications Received.

From Penitentiary—List of prisoners received during week ending August 27, 1887 : Males, 38 ; females, 3. On file.

List of 37 prisoners to be discharged from September 4 to 10, 1887. Transmitted to Prison Association.

From Lunatic Asylum, Blackwell's Island—History of 8 patients received during week ending August 27, 1887. On file.

From N. Y. City Asylum for Insane, Ward's Island—History of 14 patients received during week ending August 27, 1887. On file.

From City Prison—Amount of fines received during week ending August 27, 1887, \$198. On file.

From District Prisons—Amount of fines received during week ending August 27, 1887, \$488. On file.

From Heads of Institutions—Reporting meats, milk, fish, etc., received during week ending August 27, 1887, of good quality and up to the standard. On file.

From Civil Service Board—Transmitting names of six persons standing highest on eligible list for Assistant Apothecaries. On file.

From the Comptroller—Statement of unexpended balances up to and including August 27, 1887. To Bookkeeper.

*Contracts Awarded.*

N. F. Palmer, Jr., & Co.—For repairs to steamboat "Thomas S. Brennan," for \$3,725.  
Sureties, Henry Steers, No. 10 East Thirty-eighth street; Abner B. Mills, No. 127 Avenue D.  
H. Henneberger—7,100 pounds dairy butter, at 20 70-100 cents per pound. Sureties, R.  
Rutter, No. 116 East Fourteenth street; H. L. R. Pershall, No. 211 Broome street.

*Appointed.*

August	29.	Hugo Parteltes, Fireman, N. Y. City Asylum for Insane.	Salary, \$300 per annum.
"	30.	Annie Grupe, Attendant, Lunatic Asylum.	Salary, \$192 per annum.
"	31.	Frank H. Farrell, Orderly, Harlem Hospital.	Salary, \$240 per annum.
"	31.	Margaret Simmons, Nurse, Charity Hospital.	Salary, \$120 per annum.
"	31.	Annie J. Phair, Attendant, Lunatic Asylum.	Salary, \$192 per annum.
Sept.	2.	Daniel Flanagan, Fireman, Hart's Island Hospital.	Salary, \$240 per annum.
"	2.	Margaret O'Connell, Attendant, Bellevue Hospital.	Salary, \$192 per annum.

*Reappointed.*

Sept. 2. William Seigel, Attendant, N. Y. City Asylum for Insane. Salary, \$240 per annum.  
2. Ellen Kent, Attendant, Lunatic Asylum. Salary, \$192 per annum.

*Resigned.*

August 30. Mary A. Blaney, Attendant, Lunatic Asylum.  
 " 30. Mary I. Calvano, Attendant, Branch Lunatic Asylum.  
 " 31. Kate M. Coady, Nurse, Charity Hospital.  
 Sept. 1. Bridget McGough, Attendant, Lunatic Asylum.  
 " 1. Jeremiah Denehy, Orderly, Harlem Hospital.  
 " 1. E. Otto Richter, Attendant, N. Y. City Asylum for Insane.  
 " 2. Alfred Tuxford, Nurse, Homœopathic Hospital.  
 " 3. Charles Rudolph, Attendant, N. Y. City Asylum for Insane.  
 " 3. Kate M. Duffy, Attendant, Lunatic Asylum.

*Dismissed.*

August 31. John J. Ferry, Attendant, N. Y. City Asylum for Insane.  
Sept. 1. Josephine Egar, Attendant, Lunatic Asylum.  
2. Patrick O'Shaughnessy, Attendant, N. Y. City Asylum for Insane.  
" 2. Cassie Cahill, Attendant, Lunatic Asylum.

G. F. BRITTON, Secretary.



# HEALTH DEPARTMENT OF THE CITY OF NEW YORK, SANITARY BUREAU, DIVISION OF VITAL STATISTICS.

REPORTED MORTALITY\* for the week ending September 10, 1887, together with the ACTUAL MORTALITY for the week ending September 3, 1887.

W. DE F. DAY, M. D., Sanitary Superintendent and Register:

SIR—There were 781 deaths reported to have occurred in this city during the week ending Saturday, September 10, 1887, which is an increase of 88, as compared with the number reported the preceding week, and 128 more than were reported during the corresponding week of the year 1886. The actual mortality for the week ending September 3, 1887, was 725, which is 78.0 above the average for the corresponding week for the past five years, and represents an annual death-rate of 25.31 per 1,000 persons living, the population estimated at 1,489,646.

Table showing the Reported Mortality for the week ending September 10, 1887, and the Actual Number of Deaths each day, from the Principal Causes, with the Ages of Decedents, for the week ending September 3, 1887.

METEOROLOGY.		Week ending Sept. 10.	Week ending Sept. 3.	ACTUAL NUMBER OF DEATHS EACH DAY DURING THE WEEK ENDING SATURDAY, SEPTEMBER 3, 1887.									AGE BY YEARS.																			SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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CAUSES OF DEATH.		Total Deaths reported during the week ending Sept. 10, 1887.	Total Deaths reported during the week ending Sept. 3, 1887.	DATE.									Total Actual Mortality during the week ending Sept. 3, 1887.	Actual number of Deaths for the corresponding week of 1886.	Average number of Deaths in the corresponding week of the past five years.	Annual Death-rate per 1,000, during week (population estimated at 1,489,646).	Under 1 year.													Total under 5 years.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 and over.	Male.	Female.	COLOR.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Aug. 28.	Aug. 29.	Aug. 30.	Aug. 31.	Sept. 1.	Sept. 2.	Sept. 3.							1 to 2.	2 to 3.	3 to 4.	4 to 5.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</



Births \* reported during the week ending September 10, 1887.

TOTAL.	COLOR.		SEX.			NATIVITY OF PARENTS.								NAME OF CHILD.		
	White.	Colored.	Male.	Female.	Not stated.	Foreign.	Native.	Foreign Father only.	Foreign Mother only.	NATIVITY OF FATHER STATED ONLY		NATIVITY OF MOTHER STATED ONLY		Not stated.		
										Native.	Foreign.	Native.	Foreign.			
691	681	10	377	314	..	363	196	82	43	..	..	..	2	..	601	90

Marriages \* reported during the week ending September 10, 1887.

TOTAL.	COLOR.				NATIVITY.						CONDITION.											
	WHITE.		COLORED.		FOREIGN.		NATIVE.		BORN AT SEA.	NOT STATED.	FIRST MARRIAGE.		SECOND MARRIAGE.		THIRD MARRIAGE.		FOURTH MARRIAGE.		NOT STATED.			
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
289	283	283	6	6	177	156	112	132	..	..	..	1	247	251	40	37	2	1	..	..	..	..

\* The returns of births, marriages, and still-births are incomplete.

Nativity of those who were Married, and the Parents of the Births and Still-Births, for the week ending September 10, 1887, and those who Died (actual mortality), week ending September 3, 1887.

NATIVITY OF DECEASED.	COUNTRY.	DEATHS.		BIRTHS.		MARRIAGES.		STILL-BIRTHS.	
		Nativity of Father.	Nativity of Mother.	Nativity of Father.	Nativity of Mother.	Nativity of Groom.	Nativity of Bride.	Nativity of Father.	Nativity of Mother.
5	Austria.....	21	23	30	27	15	15	3	3
10	British America.....	4	3	7	6	6	6	1	..
10	England.....	29	25	16	19	10	12	2	..
5	France.....	6	5	13	12	2	2	1	1
84	Germany.....	177	167	179	153	68	64	7	9
105	Ireland.....	206	217	101	109	25	30	11	9
11	Italy.....	30	37	14	10	7	6	7	7
3	Poland.....	8	8	25	25	11	7	2	2
5	Scotland.....	12	10	8	7	5	1	..	1
..	Switzerland.....	1	1	6	8	4	2	..	..
464	United States.....	163	168	244	278	112	132	13	16
4	Unknown or not stated.....	33	30	2	..	..	1	4	4
1	West Indies.....	..	..	2	1	..	..	..	..
16	Other countries.....	35	31	44	40	23	15	3	2

Still-Births reported during the week ending September 10, 1887.

TOTAL.	SEX.			COLOR.			NATIVITY OF						PERIOD OF UTERO-GESTATION.											
	Male.	Female.	Not stated.	White.	Not Stated.	Colored.	FATHER.			MOTHER.			MONTH.											
							Native.	Foreign.	Not stated.	Native.	Foreign.	Not stated.	1	2	3	4	5	6	7	8	9	10	Unknown or not stated.	
54	32	22	..	52	..	2	13	37	4	16	34	4	..	..	3	..	9	8	9	10	15	..	..	

Deaths reported during the week ending September 10, 1887.

TOTAL.	PLACE OF DEATH.														RESIDENCE.			CONDITION.				
	Institutions.	Tenement-houses (four families or more).	Houses containing three families or less.	Hotels and Boarding-houses.	In Rivers, Streets, Boats, etc.	Not stated.	FLOORS.								New York City.	Outside New York City.	Not stated.†	STATED.			Not stated.†	
							Basement.	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.				Not Stated.	Single.	Married.		Widowed.
781	142	473	141	7	18	..	6	157	185	143	94	35	1	..	..	766	15	..	94	178	97	412

† Principally children and deaths in Institutions.

## DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE, No. 31 CHAMBERS STREET,  
NEW YORK, September 8, 1887.

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 September 3, 1887:

### Public Moneys Received during the Week.

For Croton water rents .....	\$36,494 32
For penalties on water rents .....	292 80
For tapping Croton-pipes .....	381 50
For sewer permits .....	694 95
For restoring and repaving—Special Fund .....	806 00
For redemption of obstructions seized .....	38 00
For vault permits .....	147 32
<b>Total .....</b>	<b>\$38,854 89</b>

### Public Lamps.

- 8 new lamps lighted.
- 10 old lamps relighted.
- 2 lamps discontinued.
- 7 lamp-posts removed.
- 4 lamp-posts reset.
- 17 lamp-posts straightened.
- 4 columns refitted.
- 10 columns relabeled.

Report of Photometrical Examinations of Illuminating Gas, for the week ending September 3, 1887, 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.
Aug. 29	7:30 A.M.	72.	30.16	Manhattan ....	Empire 5 ft. ....	.64	5.00	124.2	21.30	22.04
" 30	8:50 A.M.	72.	30.24	" .....	" .....	.65	5.00	117.0	21.07	21.42
" 31	7:30 A.M.	72.	30.34	" .....	" .....	.67	5.00	117.0	23.23	22.65
Sept. 1	8:50 A.M.	72.	30.27	" .....	" .....	.65	5.00	115.2	23.44	22.49
" 2	7:30 A.M.	73.	30.07	" .....	" .....	.64	5.00	114.0	23.46	22.28
" 3	9:20 A.M.	72.	30.00	" .....	" .....	.64	5.00	114.0	23.56	22.38
Average.									22.21	
Aug. 29	7:50 A.M.	72.	30.16	New York .....	Bray's Slit Union 7	.87	5.00	124.8	20.27	21.08
" 30	8:30 A.M.	72.	30.24	" .....	" .....	.85	5.00	120.0	23.78	23.78
" 31	7:50 A.M.	72.	30.34	" .....	" .....	.88	5.00	121.2	22.43	22.65
Sept. 1	7:30 A.M.	72.	30.27	" .....	" .....	.88	5.00	120.0	21.84	21.84
" 2	7:50 A.M.	73.	30.07	" .....	" .....	.85	5.00	126.0	21.82	22.91
" 3	9 A.M.	72.	30.00	" .....	" .....	.85	5.00	122.4	23.16	23.62
Average.									22.64	
Aug. 29	8:10 A.M.	72.	30.16	N. Y. Mutual ..	" .....	.95	5.00	123.0	28.57	29.28
" 30	7:50 A.M.	72.	30.24	" .....	" .....	.95	5.00	126.0	27.11	28.46
" 31	8:30 A.M.	72.	30.34	" .....	" .....	.95	5.00	120.0	27.61	27.61
Sept. 1	8:10 A.M.	72.	30.27	" .....	" .....	.95	5.00	120.0	27.78	27.78
" 2	8:30 A.M.	73.	30.07	" .....	" .....	.95	5.00	122.4	27.28	27.82
" 3	8:20 A.M.	72.	30.00	" .....	" .....	.94	5.00	123.6	26.48	27.27
Average.									28.03	
Aug. 29	8:50 A.M.	72.	30.16	Municipal .....	" .....	.90	5.00	126.0	26.59	27.92
" 30	8:10 A.M.	72.	30.24	" .....	" .....	.90	5.00	126.0	28.29	29.70
" 31	8:50 A.M.	72.	30.34	" .....	" .....	.92	5.00	122.4	29.60	30.19
Sept. 1	7:50 A.M.	72.	30.27	" .....	" .....	.96	5.00	126.0	25.98	27.28
" 2	8:10 A.M.	73.	30.07	" .....	" .....	.92	5.00	122.4	26.27	26.79
" 3	8:40 A.M.	72.	30.00	" .....	" .....	.93	5.00	118.8	29.09	28.80
Average.									28.44	
Aug. 29	8:30 A.M.	72.	30.16	Equitable .....	" .....	.97	5.00	118.8	30.89	30.58
" 30	7:30 A.M.	72.	30.24	" .....	" .....	.97	5.00	120.0	31.13	31.13
" 31	8:10 A.M.	72.	30.34	" .....	" .....	.93	5.00	118.8	31.81	31.49
Sept. 1	8:30 A.M.	72.	30.27	" .....	" .....	.93	5.00	123.0	29.29	30.02
" 2	8:50 A.M.	73.	30.07	" .....	" .....	.93	5.00	118.8	30.05	29.75
" 3	8 A.M.	74.	30.00	" .....	" .....	.94	5.00	116.4	31.36	30.42
Average.									30.56	
Aug. 29	5:30 P.M.	76.	30.18	Metropolitan ..	" No. 6	.65	5.00	126.0	21.08	22.13
" 30	9:30 A.M.	75.	30.28	" .....	" .....	.65	5.00	126.0	23.42	24.59
" 31	10 A.M.	74.	30.38	" .....	" .....	.65	5.00	120.0	25.19	25.19
Sept. 1	10 A.M.	72.	30.32	" .....	" .....	.65	5.00	120.0	23.57	23.57
" 2	9:30 A.M.	75.	30.08	" .....	" .....	.65	5.00	123.0	22.85	23.42
" 3	11:30 A.M.	76.	30.00	" .....	" .....	.65	5.00	114.0	24.19	22.97
Average.									23.64	
Aug. 29	5 P.M.	76.	30.18	Knickerbocker ..	" .....	.75	5.00	120.0	23.90	23.90
" 30	10 A.M.	75.	30.28	" .....	" .....	.75	5.00	120.0	24.18	24.18
" 31	9:30 A.M.	74.	30.38	" .....	" .....	.75	5.00	120.0	24.43	24.43
Sept. 1	9:30 A.M.	72.	30.32	" .....	" .....	.78	5.00	120.0	24.55	24.55
" 2	10 A.M.	75.	30.08	" .....	" .....	.78	5.00	126.0	22.44	23.56
" 3	11 A.M.	76.	30.00	" .....	" .....	.80	5.00	126.0	22.84	23.98
Average.									24.10	

E. G. LOVE, PH. D., Gas Examiner.

### Permits Issued.

- 92 permits to tap Croton pipes.
- 47 permits to open streets.



- 30 permits to make sewer connections.  
40 permits to repair sewer connections.  
147 permits to place building material on streets.  
17 permits—special.  
1 permit to construct street vaults.

*Obstructions Removed.*

- 26 obstructions removed from various streets and avenues.

*Pavement Repairs.*

- 10,938 square yards of pavement repaired in various streets and avenues.

Statement of Laboring Force Employed in the Department of Public Works during the Week ending September 3, 1887.

NATURE OF WORK.	MECHANICS.	LABORERS.	TEAMS.	CARTS.
Aqueduct—Repairs and Maintenance and Strengthening .....	51	209	18	7
Supplying Water to Shipping.....	5	...	..	..
Laying Croton Pipes.....	3	12	2	..
Repairs and Renewals of Pipes, Stop-cocks, etc.....	55	136	2	11
Bronx River Works—Maintenance and Repairs.....	2	21	2	1
Repairing and Cleaning Sewers.....	5	50	..	23
Repairs and Renewals of Pavements.....	155	274	2	84
Boulevards, Roads and Avenues, Maintenance of.....	12	71	27	2
Roads, Streets and Avenues.....	1	32	6	..
Totals.....	289	805	59	128
Increase over previous week .....	..	3	..	..
Decrease from previous week .....	1	..	2	1

*Repairing and Cleaning Sewers.*

- 72 receiving-basins and culverts cleaned.  
1,486 lineal feet of sewer cleaned.  
26 lineal feet of culvert rebuilt.  
24 lineal feet of spur-pipe laid.  
12 lineal feet of new curb set.  
14 lineal feet of curb reset.  
6 basins repaired.  
27 manholes repaired.  
25 manhole heads reset.  
2 new manhole heads and covers put on.  
3 new manhole covers put on.  
3 new basin heads and covers put on.  
1 new basin cover.  
163 cubic yards of earth excavated and refilled.  
69 square yards of paving relaid.  
91 square feet flagging relaid.  
10 cart-loads earth filling.  
199 cart-loads of dirt removed.

*Appointments.*

- E. F. Cook, Clerk, at \$1,000 per annum.  
Francis Fosket, Inspector of Paving.  
F. J. Byrnes, "  
John J. Clabby, "  
L. P. Huger, "  
James McShane, "

*Requisitions on the Comptroller.*

The total amount of requisitions drawn by the Department on the Comptroller during the week is \$137,540.17.

D. LOWBER SMITH, Deputy Commissioner of Public Works.

## DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING—CITY OF NEW YORK,  
Nos. 31 AND 32 PARK ROW,  
NEW YORK, September 15, 1887.

In accordance with the provisions of section 51, chapter 410, of the Laws of 1882, the Commissioner of Street Cleaning makes the following abstract of the transactions of the Department of Street Cleaning for the week ending September 11, 1887:

*Streets Swept.*

	Miles.	Feet.
By the Department.....	314	725
By the First District.....	202	3,483
By the Second District.....	320	4,290
Totals.....	837	4,218

*Material Collected.*

	Loads
Ashes.....	13,433
Street dirt.....	5,229
Permits.....	2,599
Markets.....	188
Department of Public Works.....	299
Total.....	21,748

*Final Disposition.*

	Loads
25 dumpers at sea.....	10,944
30 deck scows at sea.....	11,937
Total.....	22,881

*Removals.*

- W. Schuyler, Driver.  
Peter Saler, Temporary Steward "Dassori."  
Con's O'Connor, Laborer, Nineteenth Precinct.  
John Hogan, Laborer, Nineteenth Precinct.  
John Breen, Laborer, Twenty-ninth Precinct.  
J. McNamee, Hired Cart, Nineteenth Precinct.  
Thomas Downing, Driver.  
Hugh Gallagher, Driver.  
R. Tracey, Driver.

*Appointments.*

- George White, Driver.  
Patrick Lyden, Driver.  
Thomas Taylor, Temporary Steward "Dassori."

*Bills*

—audited and transmitted to the Finance Department, chargeable to the appropriation for "Cleaning Streets—Department of Street Cleaning," for the year 1887:

Schedule No. 83—	
Canale, I., unloading scows.....	\$835 00
L'Hommedieu, S., towing.....	892 00
The Barney Dumping-boat Co., hired scows.....	3,850 00
Total.....	\$5,577 00

*Revenues.*

For trimming scows.....	\$290 00
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J. S. COLEMAN, Commissioner of Street Cleaning.

## APPROVED PAPERS.

Resolved, That Sedgwick avenue, between its intersection with the northerly curb-line of Montgomery avenue and its intersection with the southerly curb-line of Van Courtland avenue, in the Twenty-fourth Ward, be regulated and graded upon the established grade, the curb-stones set and sidewalks flagged a space of four feet wide between said limits, under the direction of the Commissioners of the Department of Public Parks; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, September 2, 1887.

Approved by the Mayor, September 12, 1887.

Resolved, That the carriageway of Boston avenue, from the Third avenue to the crosswalk to be laid across said avenue, at or near the southerly intersection of One Hundred and Sixty-seventh street, be paved with trap-block pavement, except that a crosswalk of two courses of blue stone be laid across said avenue at or near each intersection of each street and avenue, and within the lines of the sidewalks thereof, and also that a crosswalk of three courses of blue stone be laid across each intersecting street and avenue, within the lines of the sidewalks of said Boston avenue, where not already done, under the direction of the Commissioners of the Department of Public Parks; and that the accompanying ordinance therefor be adopted.

Adopted by the Board of Aldermen, September 2, 1887.

Approved by the Mayor, September 12, 1887.

Resolved, That permission be and hereby is granted to Joseph Crocheron to erect and maintain an iron porch or portico according to the design and dimensions given in the accompanying diagram, within the stoop-line in front of the entrance to the "Brower House," on Twenty-eighth street, near the southwest corner of Broadway and Twenty-eighth street, the work to be done at the expense of the said Joseph Crocheron, and under the direction of the Commissioner of Public Works; this permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, August 30, 1887.

Received from his Honor the Mayor, August 30, 1887, without his approval or objections thereto; therefore, as provided in section 75, chapter 410, Laws of 1882, the same became adopted.

Resolved, That permission be and the same is hereby given to Hugh O'Neill & Co. to place and keep a storm-door at each of the entrances to Nos. 323, 329 and 335 Sixth avenue, the work to be done at their own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, August 16, 1887.

Received from his Honor the Mayor, August 30, 1887, with his objections thereto.

In Board of Aldermen, September 13, 1887, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

Resolved, That permission be and the same is hereby given to Michael Crovo to place and keep a small portable stand for the sale of fruit and newspapers in Park Row, near the starter's box, at the terminus of the Third Avenue Railroad, provided that said stand shall not be an obstruction to the free use of the street by the public, or exceed three feet long by two feet wide; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, August 16, 1887.

Received from his Honor the Mayor, August 30, 1887, with his objections thereto.

In Board of Aldermen, September 13, 1887, taken up, reconsidered, as provided in section 75, chapter 410, Laws of 1882, and adopted, notwithstanding the objections of his Honor the Mayor, three-fourths of all the members elected voting in favor thereof.

## CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.

CITY OF NEW YORK—CIVIL SERVICE  
SUPERVISORY AND EXAMINING BOARDS,  
SECRETARY'S OFFICE,  
ROOM 11, CITY HALL,  
NEW YORK, June 3, 1887.

THOMAS COSTIGAN, Esq.,  
Supervisor City Record:

DEAR SIR—The following amendment to Regulation 16 of the New York City Civil Service Regulations has been made:

If the appointing officer shall notify the Secretary of more than one vacancy at any one time, the Secretary shall certify to the appointing officer for appointment, the names of as many persons as there are vacancies to be filled, with the addition of two names for the first vacancy and one name for every two vacancies in addition to the first.

Yours respectfully,

LEE PHILLIPS,  
Secretary and Executive Officer.

CITY OF NEW YORK—CIVIL SERVICE  
SUPERVISORY AND EXAMINING BOARDS,  
SECRETARY'S OFFICE,  
ROOM 11, CITY HALL,  
NEW YORK, May 31, 1887.

THOMAS COSTIGAN, Esq.,  
Supervisor:

DEAR SIR—The following resolution was passed by the Supervisory Board at their meeting, held May 27, 1887:

"Resolved, That in view of the inadequate space in the Secretary's office and in order to enable him more readily to discharge the business of the same, the Secretary is authorized to

arrange the business of the office so that the same shall be open for personal interviews with applicants and the public during a part of the day only."

Pursuant to the above action, I hereby designate the two hours between 2 and 4 o'clock in afternoon as the time for which the offices shall be open for personal interviews with applicants and the public.

Very respectfully,

LEE PHILLIPS,  
Secretary and Executive Officer.

## 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 3 P. M.  
ABRAM S. HEWITT, Mayor; ARTHUR BERRY,  
Secretary and Chief Clerk.

## Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.  
THOMAS W. BYRNES, First Marshal.  
GEORGE W. BROWN, Jr., Second Marshal.

## COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.  
WM. PITT SHEARMAN, J. B. ADAMSON.

## AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 5 P. M.  
JAMES C. SPENCER, President; JOHN C. SHEEHAN,  
Secretary; BENJAMIN S. CHURCH, 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.  
HENRY R. BEEKMAN, President Board of Aldermen.  
FRANCIS J. TWOMEY, Clerk Common Council.  
*City Library.*  
No. 12 City Hall, 10 A. M. to 4 P. M.  
BERNARD JACOBS, City Librarian.

DEPARTMENT OF PUBLIC WORKS.

*Commissioner's Office.*  
No. 31 Chambers street, 9 A. M. to 4 P. M.  
JOHN NEWTON, Commissioner; D. LOWBER SMITH, 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 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.  
GEO. 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. KEESSE, City Hall.

FINANCE DEPARTMENT.

*Comptroller's Office.*  
No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
EDWARD V. LOWE, 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.  
*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.  
JAMES J. KELSO, Collector of the City Revenue and Superintendent of Markets.  
GRAHAM MCADAM, Chief Clerk.  
*Bureau for the Collection of Taxes.*  
No. 57 Chambers street and No. 35 Reade street, Stewart Building.  
GEORGE W. McLEAN, Receiver of Taxes; ALFRED VREDENBURGH, Deputy Receiver of Taxes.  
*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.  
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.  
MORGAN J. O'BRIEN, Counsel to the Corporation.  
ANDREW T. CAMPBELL, Chief Clerk.  
*Office of the Public Administrator.*  
No. 40 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.  
CHARLES E. SIMMONS, President; GEORGE F. BRITTON, Secretary.  
Purchasing Agent, FREDERICK A. CUSHMAN Office hours, 9 A. M. to 4 P. M. Closed 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. Closed Saturdays, 12 M.  
RUFUS L. WILDER, General Bookkeeper and Auditor.

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.*  
GEORGE H. SHELTON, Fire Marshal.  
*Bureau of Inspection of Buildings.*  
ALBERT F. D'ONCH, Superintendent of Buildings.  
*Attorney to Department.*  
WM. L. FINDLEY.

Fire Alarm Telegraph

J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.  
Central Office Fire Alarm Telegraph 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. 49 and 51 Chambers street, 9 A. M. to 4 P. M.  
M. C. D. BORDEN, President; CHARLES DE F. BURNS, Secretary.  
*Civil and Topographical Office.*  
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, 9 A. M. to 4 P. M.  
L. J. N. STARK, President; G. KEMBLE, Secretary.  
Office hours from 9 A. M. to 4 P. M. daily, except Saturdays; on Saturdays as follows: from October 1 to June 1, from 9 A. M. to 3 P. M.; from June 1 to September 30, from 9 A. M. to 12 M.

**DEPARTMENT OF TAXES AND ASSESSMENTS**  
Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 3 P. 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; WILLIAM COMERFORD, Clerk

DEPARTMENT OF STREET CLEANING.

Nos. 31 and 32 Park Row, "World" Building, Rooms 1, 2 and 3, 9 A. M. to 4 P. M.  
JAMES S. COLEMAN, Commissioner; JACOB SEABOLD, Deputy Commissioner; R. W. HORNER, Chief Clerk.

**CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.**  
Room No. 11, City Hall.  
EVERETT P. WHEELER, Chairman of the Supervisory Board; LEE PHILLIPS, 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; DAVID S. WHITE, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.  
HUGH J. GRANT, Sheriff; JOHN B. SEXTON, 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.  
JAMES A. FLACK, County Clerk; THOMAS F. GILROY, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.  
RANDOLPH B. MARTINE, District Attorney; ANDREW D. PARKER, 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 3 P. 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. B. MESSEMER, FERDINAND LEVY, FERDINAND EIDMAN, JOHN R. NUGENT, Coroners; JOHN T. TOAL, 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; JAMES A. FLACK, Clerk; THOMAS F. GILROY, 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, SAMUEL BARRY, Clerk.  
Circuit, Part II., Room No. 14, RICHARD J. SULLIVAN, 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 J. KNIGHT, Librarian.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.  
General Term, Room No. 35.  
Special Term, Room No. 33.  
Chambers, Room No. 33, 10 A. M.  
Part I., Room No. 34.  
Part II., Room No. 35.  
Part III., Room No. 36.  
Judges' Private Chambers, Room No. 30.  
Naturalization Bureau, Room No. 32.  
Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.  
JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.  
Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.  
Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.  
General Term, Room No. 24, 11 o'clock A. M. to adjournment.  
Special Term, Room No. 21, 11 o'clock A. M. to adjournment.  
Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.  
Part I., Room No. 25, 11 o'clock A. M. to adjournment.  
Part II., Room No. 26, 11 o'clock A. M. to adjournment.  
Part III., Room No. 27, 11 o'clock A. M. to adjournment.  
Naturalization Bureau, Room No. 23, 9 A. M. to 4 P. M.  
RICHARD L. LARREMORE, Chief Justice; NATHANIEL JARVIS, Jr., Chief Clerk.

COURT OF GENERAL SESSIONS.

No. 32 Chambers street. Parts I. and II. Court opens at 11 o'clock A. M.  
FREDERICK SMYTH, Recorder; HENRY A. GILDER-SLEEVE and RUFUS B. COWING, Judges of the said Court.  
Terms, first Monday each month.  
JOHN SPARKS, Clerk. Office, Room No. 11, 10 A. M. till 4 P. M.

CITY COURT.

City Hall.  
General Term, Room No. 20.  
Trial Term, Part I., Room No. 20.  
Part II., Room No. 19.  
Part III., Room No. 15.  
Special Term, Chambers, Room No. 21, 10 A. M. to 4 P. M.  
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.  
DAVID MCADAM, Chief Justice; JOHN REID, Clerk.

OVER AND TERMINER COURT

New County Court-house, second floor, southeast corner, Room No. 12. Court opens at 10 1/2 o'clock A. M.  
Clerk's Office, Brown-stone Building, City Hall Park, second floor, northwest corner, Room No. 11, 10 A. M. till 4 P. M.

COURT OF SPECIAL SESSIONS.

At Tombs, corner Franklin and Centre streets, daily at 10.30 A. M., excepting Saturday.  
Clerk's Office, Tombs.

DISTRICT CIVIL COURTS.

First District—First, Second, Third and Fifth Wards, southwest corner of Centre and Chambers streets.  
MICHAEL NORTON, Justice.  
Clerk's office open from 9 A. M. to 4 P. M.  
Second District—Fourth, Sixth and Fourteenth Wards, corner of Pearl and Centre streets, 9 A. M. to 4 P. M.  
CHARLES M. CLANCY, Justice.  
Third District—Ninth and Fifteenth Wards, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
GEORGE W. PARKER, Justice.  
Fourth District—Tenth and Seventeenth Wards, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily; continues to close of business.  
ALFRED STECKLER, Justice.  
Fifth District—Seventh, Eleventh and Thirteenth Wards, No. 154 Clinton street.  
JOHN H. MCCARTHY, Justice.  
Sixth District—Eighteenth and Twenty-first Wards, No. 61 Union place, Fourth avenue, southwest corner of Eighteenth street. Court opens 9 A. M. daily; continues to close of business.  
WILLIAM H. KELLY, Justice.  
Seventh District—Nineteenth and Twenty-second Wards, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays) and continues to the close of business.  
AMBROSE MONELL, Justice.  
Eighth District—Sixteenth and Twentieth Wards, southwest corner of Twenty-second street and Seventh avenue. Court opens at 9 A. M. and continues to close of business. Clerk's office open from 9 A. M. to 4 P. M. each court day.  
On and after Monday, October 3, 1887, the trial days of this Court will be Mondays, Wednesdays and Fridays.  
FREDERICK G. GRODVEY, Justice.  
Ninth District—Twelfth Ward, No. 225 East One Hundred and Twenty-fifth street.  
HENRY P. MCGOWN, Justice.  
Clerk's office open daily from 9 A. M. to 4 P. M. Trial days Tuesdays and Fridays. Court opens at 9 1/2 A. M.  
Tenth District—Twenty-third and Twenty-fourth Wards, corner of Third avenue and One Hundred and Fifty-eighth street.  
Office hours, from 9 A. M. to 4 P. M. Court opens at 9 A. M.  
ANDREW J. ROGERS, Justice.  
Eleventh District—No. 979 Eighth avenue; Twenty-second Ward, and all that part of the Twelfth Ward lying south of One Hundred and Tenth street and west of Sixth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.  
LEO C. DESSAR, Justice.

POLICE COURTS.

Judges—MAURICE J. POWER, J. HENRY FORD, JACOB PATTERSON, JR., JAMES T. KILBRETH, JOHN J. GORMAN, HENRY MURRAY, SOLON B. SMITH, ANDREW J. WHITE, CHARLES WELDE, DANIEL O'REILLY, PATRICK G. DUFFY.  
GEORGE W. CREGIER, Secretary.  
Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue.  
First District—Tombs, Centre street.  
Second District—Jefferson Market.  
Third District—No. 69 Essex street.  
Fourth District—Fifty-seventh street, near Lexington avenue.  
Fifth District—One Hundred and Twenty-fifth street, near Fourth avenue.  
Sixth District—One Hundred and Fifty-eighth street and Third avenue.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,  
157 AND 159 EAST SIXTY-SEVENTH STREET,  
NEW YORK, September 16, 1887.

TO CONTRACTORS.

**SEALED PROPOSALS FOR FURNISHING THIS**  
Department with the following articles:  
450,000 pounds Hay, of the quality and standard known as Best Sweet Timothy.  
70,000 pounds good, clean Rye Straw.  
4,800 bags clean No. 1 White Oats, 80 pounds to the bag.  
2,100 bags first quality Bran, 40 pounds to the bag.  
—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 11 o'clock A. M., Wednesday, September 28, 1887, at which time and place they will be publicly opened by the head of said Department and read.  
All of the articles are to be delivered at the various houses of the Department, in such quantities and at such times as may be directed.  
No estimate will be received or considered after the hour named.  
The form of the agreement, with specifications, showing the manner of payment for the articles, may be seen and forms of proposals may be obtained at the office of the Department.  
Proposals must include all the items, specifying the price per cwt. for hay and straw, and per bag for oats and bran.

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

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 above 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 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 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 four thousand and five hundred (4,500) 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 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 and 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 is 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 National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two hundred and twenty-five (225) 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 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.

HENRY D. PURROY,  
RICHARD CROKER,  
Commissioners.

HEADQUARTERS FIRE DEPARTMENT,  
Nos. 157 and 159 East Sixty-seventh Street.

NOTICE IS HEREBY GIVEN THAT THE Board of Commissioners of this Department will meet daily, at 10 o'clock A. M., for the transaction of business.

By order of  
HENRY D. PURROY, President.  
RICHARD CROKER  
Commissioners.

CARL JUSSEN,  
Secretary.

THE COLLEGE OF THE CITY OF NEW YORK.

A STATED MEETING OF THE BOARD OF Trustees of the College of the City of New York will be held at the Hall of the Board of Education, No. 146 Grand street, on Tuesday, September 20, 1887, at 4 o'clock P. M.

By order of the Chairman.  
ARTHUR McMULLIN,  
Secretary.

Dated New York, September 13, 1887.

ARMORY BOARD.

ARMORY BOARD—OFFICE OF THE SECRETARY,  
STAATS ZEITUNG BUILDING, TRYON ROW,  
NEW YORK, September 17, 1887.

PROPOSALS FOR ESTIMATES FOR FURNISHING MATERIALS AND PERFORMING IRON WORK IN THE ERECTION OF AN ARMORY BUILDING ON FOURTH AVENUE, EXTENDING FROM NINETY-FOURTH TO NINETY-FIFTH STREET, NEW YORK CITY.

PROPOSALS FOR ESTIMATES FOR FURNISHING materials and performing Iron Work in the erection of an Armory Building on Fourth avenue, extending from Ninety-fourth to Ninety-fifth street, New York City, will be received by the Armory Board at the Mayor's office, City Hall, until 2 P. M. of the 29th day of September, 1887, at which time and place they will be publicly opened and read by said Board.

Any person making an estimate for the above work shall furnish the same in a sealed envelope to the President of said Armory Board, indorsed, "Estimate for Furnishing Materials and Performing Iron Work in the Erection of an Armory Building on Fourth avenue, extending from Ninety-fourth to Ninety-fifth street," and also with the name of the person or persons presenting the same, and the date of its presentation.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the amount of twenty thousand dollars (\$20,000).



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

1st. 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 estimate, and shall not at any time after the submission of an estimate, dispute or complain of the statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Armory Board, 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 prices therefor to be specified by the lowest bidder, shall be due or payable for the entire work.

Bidders will state in their estimates a price for the whole of the work to be done, in conformity with the approved form of contract 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 is accepted and executed.

Bidders are required to state in their estimate 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 in 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, on 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 on its completion, and that which said Corporation or Armory Board 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 and stated in the proposals, 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 is to be approved 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 one thousand dollars (\$1,000). 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 Board 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 by the Comptroller 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 by the Comptroller.

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.

Bidders are requested, in making their bids or estimates, to use a blank prepared for that purpose by the Board, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be seen upon application at the office of the architect, Mr. J. R. Thomas, No. 160 Broadway.

The Board reserves the right to reject any or all estimates not deemed beneficial to or for the public interest.

Plans may be examined, and specifications and blank forms for bids or estimates obtained, by application to the architect, at his office, No. 160 Broadway, New York City.

ABRAM S. HEWITT,

Mayor;

MICHAEL COLEMAN,

President of Department of Taxes and Assessments;

BRIG.-GEN. JOHN NEWTON,

Commissioner of Department of Public Works;

Commissioners.

## 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, 1887.

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 and District Court 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.

## CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 2452, No. 1. Paving Ninety-third street, from Ninth to Tenth avenue.

List 2453, No. 2. Paving One Hundred and First street, from Second to Third avenue.

List 2455, No. 3. Paving Sixty-sixth street, from Boulevard to Tenth avenue.

List 2466, No. 4. Curbing and flagging Manhattan avenue, from One Hundred and Sixteenth to One Hundred and Twentieth street.

List 2475, No. 5. Sewer in One Hundred and Forty-third street, between Seventh and Eighth avenues.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Ninety-third street, between Ninth and Tenth avenues, and to the extent of half the block at the intersecting avenues.

No. 2. Both sides of One Hundred and First street, between Second and Third avenues, and to the extent of half the block at the intersecting avenues.

No. 3. Both sides of Sixty-sixth street, between Boulevard and Tenth avenue, and to the extent of half the block at the intersecting avenues.

No. 4. Both sides of Manhattan avenue, from One Hundred and Sixteenth to One Hundred and Twentieth street, excepting the west side of said avenue, between One Hundred and Sixteenth and One Hundred and Seventeenth streets.

No. 5. Both sides of One Hundred and Forty-third street, between Seventh and Eighth avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 18th day of October, 1887.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
VAN BRUGH LIVINGSTON,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 11½ CITY HALL,  
NEW YORK, September 17, 1887.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 2345, No. 1. Regulating and grading, setting curbs and flagging Kingsbridge road, from One Hundred and Fifty-fifth to One Hundred and Ninetieth street.

List 2422, No. 2. Paving with granite-block pavement the roadway of East One Hundred and Fiftieth street, from Mott avenue to Walton avenue, and laying crosswalks at the terminating avenues.

List 2442, No. 3. Sewer in One Hundred and Third street, between Ninth and Tenth avenues.

List 2449, No. 4. Flagging One Hundred and Thirtieth street, south side, between Lexington and Fourth avenues.

List 2451, No. 5. Paving Eighty-eighth street, from First to Second avenue.

List 2459, No. 6. Fencing vacant lots on the north side of One Hundred and Tenth street, between Fourth and Madison avenues.

List 2460, No. 7. Fencing vacant lots on block bounded by One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, Manhattan and Ninth avenues.

List 2461, No. 8. Fencing vacant lots on the west side of Seventh avenue, between One Hundred and Twenty-eighth and One Hundred and Twenty-ninth streets; on the northerly side of One Hundred and Twenty-eighth street for about 100 feet west of Seventh avenue, and on the southerly side of One Hundred and Twenty-ninth street for about 75 feet west of Seventh avenue.

List 2462, No. 9. Fencing vacant lots on the block bounded by One Hundred and Eleventh and One Hundred and Twelfth streets, Madison and Fifth avenues.

List 2463, No. 10. Sewer in One Hundredth street, between Boulevard and West End avenue.

List 2465, No. 11. Sewer in Ninety-seventh street, between Ninth avenue and summit west of Ninth avenue.

List 2467, No. 12. Laying one course of flagging 3 feet wide on south side of Fifty-ninth street, between Fourth and Madison avenues.

List 2469, No. 13. Paving roadway of West Fifty-fifth street, from the present bulkhead-line at the North river, with trap-block pavement.

List 2479, No. 14. Fencing vacant lots, from St. Nicholas to Manhattan avenue, One Hundred and Twenty-second to One Hundred and Twenty-third street.

List 2476, No. 15. Receiving-basin on the southeast corner of Twenty-first street and Thirtieth avenue.

List 2477, No. 16. Fencing vacant lots on block bounded by One Hundred and Eighteenth and One Hundred and Nineteenth streets, St. Nicholas and Eighth avenues.

List 2478, No. 17. Flagging the south side of One Hundred and Twenty-second street, from First avenue to Avenue A.

List 2480, No. 18. Fencing vacant lots on the block bounded by One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets, Seventh and Eighth avenues.

List 2495, No. 19. Flagging both sides of Seventieth street, from Ninth to Tenth avenue.

List 2496, No. 20. Sewer in Lexington avenue, between One Hundred and Twenty-second and One Hundred and Twenty-third streets.

List 2500, No. 21. Receiving-basin on the northwest corner of One Hundred and Twenty-fifth street and First avenue.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Kingsbridge road, from One Hundred and Fifty-fifth street to Spuyten Duyvil Creek, and to the extent of one-half the block at the intersecting streets and avenues.

No. 2. Both sides of East One Hundred and Fiftieth street, from Mott to Walton avenue, and to the extent of half the block at the intersecting avenues.

No. 3. Blocks bounded by One Hundred and Second and One Hundred and Fourth streets, Ninth and Tenth avenues.

No. 4. South side of One Hundred and Thirtieth street, between Lexington and Fourth avenues.

No. 5. Both sides of Eighty-eighth street, from First to Second avenue, and to the extent of half the block at the intersecting avenues.

No. 6. North side of One Hundred and Tenth street, between Fourth and Madison avenues.

No. 7. Block bounded by One Hundred and Twenty-third and One Hundred and Twenty-fourth streets, Manhattan and Ninth avenues.

No. 8. West side of Seventh avenue, between One Hundred and Twenty-eighth and One Hundred and Twenty-ninth streets; north side of One Hundred and Twenty-eighth street, for about 100 feet west of Seventh avenue, and south side of One Hundred and Twenty-ninth street, for about 70 feet west of Seventh avenue.

No. 9. Block bounded by One Hundred and Eleventh and One Hundred and Twelfth streets, Madison and Fifth avenues.

No. 10. Both sides of One Hundredth street, between Boulevard and West End avenue.

No. 11. Both sides of Ninety-seventh street, between Ninth and Tenth avenues.

No. 12. South side of Fifty-ninth street, between Fourth and Madison avenues.

No. 13. Both sides of Fifty-fifth street, from Twelfth avenue to Hudson river.

No. 14. Block bounded by One Hundred and Twenty-second and One Hundred and Twenty-third streets, St. Nicholas and Manhattan avenues.

No. 15. Block bounded by Twentieth and Twenty-first streets, Eleventh and Thirteenth avenues.

No. 16. Block bounded by One Hundred and Eighteenth and One Hundred and Nineteenth streets, St. Nicholas and Eighth avenues.

No. 17. South side of One Hundred and Twenty-second street, from First avenue to Avenue A.

No. 18. Block bounded by One Hundred and Thirty-sixth and One Hundred and Thirty-seventh streets, Seventh and Eighth avenues.

No. 19. Both sides of Seventieth street, from Ninth to Tenth avenue.

No. 20. Both sides of Lexington avenue, between One Hundred and Twenty-second and One Hundred and Twenty-third streets.

No. 21. North side of One Hundred and Twenty-fifth street, between First and Second avenues.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Chairman of the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 4th day of October, 1887.

EDWARD GILON, Chairman,  
PATRICK M. HAVERTY,  
CHAS. E. WENDT,  
VAN BRUGH LIVINGSTON,  
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,  
No. 11½ CITY HALL,  
NEW YORK, September 3, 1887.

## DEPARTMENT OF PUBLIC PARKS

CITY OF NEW YORK, DEPARTMENT OF PUBLIC PARKS,  
Nos. 49 AND 51 CHAMBERS STREET.

NOTICE IS HEREBY GIVEN THAT THE COMMISSIONers of the Department of Public Parks, in the City of New York, will, on the 10th day of October, 1887, at 12 o'clock M., at their office in the Emigrant Savings Bank Building, Nos. 49 and 51 Chambers street, in said city, hear and consider all statements, objections and evidence that may then and there be offered in reference to the proposed plan for the depression of the tracks and changing the grades of the New York and Harlem Railroad, and carrying certain streets, avenues, roads, boulevards and parkways in the Twenty-third and Twenty-fourth Wards over said railroad, in accordance with the provisions of chapter 721 of the Laws of 1887.

The map showing the contemplated changes is on exhibition in said office.

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

The railroad tracks are to be lowered in various parts, commencing at One Hundred and Thirty-eighth street and extending to between the Jerome Park and Williamsbridge stations, the maximum depression being about 7½ feet.

Bridges will be required over the railroad at—

East One Hundred and Thirty-eighth street.

East One Hundred and Forty-fourth street.

East One Hundred and Forty-ninth street.

East One Hundred and Fifty-third street.

East One Hundred and Fifty-sixth street and Morris avenue.

East One Hundred and Fifty-eighth street.

East One Hundred and Sixty-first street.

East One Hundred and Sixty-fifth street, Brook and Webster avenues.

East One Hundred and Sixty-eighth street.

East One Hundred and Seventieth street.

Wendover avenue.

East One Hundred and Seventy-third street (former "Warren street").

East One Hundred and Seventy-fifth street.

Tremont avenue (75 feet wide east of the railroad).

Samuel street.

East One Hundred and Eighty-third street.

East One Hundred and Eighty-seventh street.

Pelham avenue.

Southern Boulevard.

Woodlawn road.

Olin avenue.

Convenient approaches to the various bridges by way of the adjacent streets and avenues are to be provided.

Dated New York, September 14, 1887.

M. C. D. BORDEN,  
JOHN D. CRIMMINS,  
THEODORE W. MYERS,  
WALDO HUTCHINS,  
Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS,  
49 AND 51 CHAMBERS STREET,  
NEW YORK, September 9, 1887.

## TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR THE FOLLOWING-mentioned work, with the title of the work and the name of the bidder indorsed thereon, 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, September 21, 1887:

For furnishing and erecting complete the Entire New Steam Heating Apparatus, together with the Removal, Replacing, Renewal and Repair of existing plant and connecting the same with the New, of the ENLARGEMENT OF THE METROPOLITAN MUSEUM OF ART in the Central Park; the whole in accordance with Plans, Specifications and Directions therefor:

Bidders will be required to state in their proposals one price or sum for which they will execute the entire work, including the furnishing of all materials, labor and transportation; all implements, tools, apparatus and appliances of every description necessary to complete in every particular the whole of the work as set forth in the plans and in the specification, schedule and form of agreement.

The time allowed to complete the whole work will be one hundred days, and the damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are, by a clause in the contract, fixed and liquidated at twenty dollars per day.

The estimates received will be publicly opened by the head of the said Department at the place and hour 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 or their sureties for its faithful performance; 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 section 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National or State 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 neglect or refuse, 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.

N. B.—The prices must be written in the estimate, and also stated in figures, and all estimates will be considered as informal which do not contain bids for the whole work herein called for. Permission will not be given for the withdrawal of any bid or estimate. No bid 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 amount in which security will be required for the performance of the contract is the sum of six thousand dollars.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the city so to do, and to readvertise until a satisfactory bid or proposal shall be received. But the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposal and forms of the contract which the successful bidder will be required to execute, can be had at the office of the Secretary, and the plans can be seen and information relative to them can be had at the office of the Department, Nos. 49 and 51 Chambers street.

M. C. D. BORDEN,  
JOHN D. CRIMMINS,  
WALDO HUTCHINS,  
THEODORE W. MYERS,  
Commissioners of Public Parks.

## DEPARTMENT OF PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
ROOM 6, No. 31 CHAMBERS ST.,  
NEW YORK, September 12, 1887.

## 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., Tuesday, September 27, 1887, at which place and hour they will be publicly opened by the head of the Department.

No. 1. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-FOURTH STREET, from Ninth to Tenth avenue.

No. 2. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-FIRST STREET, from the Boulevard to West End avenue.

No. 3. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAY OF SEVENTY-SEVENTH STREET, from Ninth avenue to the Boulevard.

No. 4. FOR REGULATING AND PAVING WITH TRAP-BLOCK PAVEMENT THE ROADWAYS OF COENIE SLIP AND SOUTH STREET, between Piers 6 and 8, East river.

No. 5. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF EIGHTY-FIFTH STREET, from Ninth to Tenth avenue.

No. 6. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF NINETEENTH STREET, from Eighth to Ninth avenue.

No. 7. FOR REGULATING AND PAVING WITH GRANITE-BLOCK PAVEMENT THE ROADWAY OF ONE HUNDRED AND FIFTIETH STREET, from Seventh to Eighth avenue.

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 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 1, No. 31 Chambers street.

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

DEPARTMENT OF PUBLIC WORKS,  
COMMISSIONER'S OFFICE,  
No. 31 CHAMBERS STREET,  
NEW YORK, September 29, 1886.

**PUBLIC NOTICE.**

**PERSONS HAVING ANY BUSINESS IN THIS** Department which is not assigned to or transacted by the several Bureaux in the Department, and which should come under the immediate notice of the Commissioner of Public Works, are requested to communicate directly in person, or by letter, with the Commissioner.

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 230 and 221 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 of one year.

JOHN NEWTON,  
Commissioner of Public Works.

**SUPREME COURT.**

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 Commonalty 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 FORTY-FIFTH STREET (although not yet named by proper authority) extending from East One Hundred and Forty-sixth street 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 29th day of September, 1887, 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 Commonalty 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-fifth street, extending from East One Hundred and Forty-sixth street 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 Third avenue distant 1,737<sup>3</sup>/<sub>8</sub> feet northeasterly from the intersection of the eastern line of the lands acquired for the opening of Morris avenue and the western line of Third avenue.

1. Thence northeasterly along the western line of Third avenue for 50 feet.
2. Thence northwesterly, deflecting 90° to the left, for 634<sup>3</sup>/<sub>8</sub> feet.
3. Thence westerly, deflecting 37° 05' 40" to the left, for 82<sup>3</sup>/<sub>8</sub> feet.
4. Thence southeasterly for 700<sup>1</sup>/<sub>8</sub> feet to the point of beginning.

**PARCEL B.**

Beginning at a point in the western line of Brook avenue distant 719<sup>3</sup>/<sub>8</sub> feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the western line of Brook avenue.

1. Thence southerly along the western line of Brook avenue for 60 feet.
2. Thence westerly, deflecting 90° to the right, for 421<sup>3</sup>/<sub>8</sub> feet.
3. Thence westerly, deflecting 5° 25' 30" to the right, for 991<sup>3</sup>/<sub>8</sub> feet to the eastern line of Third avenue.
4. Thence northeasterly along the eastern line of Third avenue for 67<sup>3</sup>/<sub>8</sub> feet.
5. Thence easterly, deflecting 63° 15' 00" to the right, for 958<sup>3</sup>/<sub>8</sub> feet.
6. Thence easterly, deflecting 5° 25' 30" to the left, for 418<sup>3</sup>/<sub>8</sub> feet to the point of beginning.

**PARCEL C.**

Beginning at a point in the eastern line of Brook avenue distant 719<sup>3</sup>/<sub>8</sub> feet southerly from the intersection of the southern line of East One Hundred and Forty-eighth street and the eastern line of Brook avenue.

1. Thence southerly along the eastern line of Brook avenue for 60 feet.
2. Thence easterly, deflecting 90° to the left, for 524<sup>3</sup>/<sub>8</sub> feet to the western line of St. Ann's avenue.
3. Thence northerly along the western line of St. Ann's avenue for 60 feet.
4. Thence westerly for 524<sup>3</sup>/<sub>8</sub> 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, August 25, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND NINETEENTH STREET, from Tenth avenue to New avenue (Morningside 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 29th day of September, 1887, 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 Commonalty 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 NINETEENTH STREET, from Tenth avenue to New avenue (Morningside 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 725 feet 6 inches northerly from the northerly line of One Hundred and Sixteenth street; thence easterly and parallel with said street 450 feet to the westerly line of New avenue—Morningside 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 lines of Tenth avenue and New avenue (Morningside West).

Dated New York, August 24, 1887.

MORGAN J. O'BRIEN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of BURNSIDE AVENUE (although not yet named by proper authority) extending from Sedgwick avenue to Webster 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 said Department.

**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 twenty-fourth day of October, 1887, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said twenty-fourth day of October, 1887, and for that purpose we will be in attendance at our said office on each of said ten days at three 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 Parks, in the City of New York, there to remain until the twenty-fourth day of October, 1887.

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 a line drawn parallel or nearly so with the northerly line or side of Burnside avenue and distant 1,000 feet therefrom and extending from the eastern line or side of the New York City and Northern Railroad to the westerly line or side of Vanderbilt avenue west; easterly by the westerly line or side of Vanderbilt avenue west; southerly by an irregular line drawn easterly and parallel or nearly so with the southerly side of Burnside avenue and extending from a point in the eastern line or side of the New York City and Northern Railroad, distant 100 feet north of Morris Dock Station, to the easterly side of Aqueduct avenue, an irregular line drawn easterly and parallel or nearly so with the southerly side of Burnside avenue and distant 1,000 feet therefrom and extending from the easterly side of Aqueduct avenue to a point distant about 160 feet easterly from the easterly side of Morris avenue and about 100 feet northerly from the northerly side of Tremont avenue, a line drawn easterly and parallel with the northerly side of Tremont avenue, and extending from the last-mentioned point to the westerly side of Anthony avenue, and by the northerly line or side of East One Hundred and Seventy-sixth street and westerly by the easterly line or side of the New York City and Northern Railroad and the easterly side of Anthony avenue; excepting from said area all the streets and avenues heretofore opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares or 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 eleventh day of November, 1887, 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, August 16, 1887.

EDWARD HOGAN,  
CHARLES PRICE,  
CHARLES REILLY,  
Commissioners.

CARROLL BERRY, Clerk.

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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND SIXTY-SIXTH STREET, from Tenth avenue to Eleventh avenue, in the Twelfth Ward of the City of New York.

**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 fourteenth day of October, 1887, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said fourteenth day of October, 1887, and for that purpose will be in attendance at our said office on each of said ten days at 2:30 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 Parks, in the City of New York, there to remain until the fourteenth day of October, 1887.

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 block or farm number between One Hundred and Sixty-sixth street and the centre line of the block or farm number between One Hundred and Sixty-seventh street and the centre line of the block or farm number between One Hundred and Sixty-eighth street, Eleventh avenue and Kingsbridge road; easterly by the westerly side of Tenth avenue; southerly by the centre line of the block or farm numbers between One Hundred and Sixty-fifth street and One Hundred and Sixty-sixth street and the centre line of the block or portion of farm number between One Hundred and Sixty-sixth street, Audubon avenue and Kingsbridge road, and westerly by the easterly side of Eleventh avenue, excepting from said area all the unimproved land included within the lines of streets, avenues, roads, public squares or 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-eighth day of October, 1887, 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, September 2, 1887.

E. B. HART,  
ADOLPH L. SANGER,  
CHARLES A. HERRMANN,  
Commissioners.

CARROLL BERRY, Clerk.

In the Matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of AST ONE HUNDRED AND FORTY-NINTH STREET (although not yet named by proper authority) extending from the southern line of the Southern Boulevard to its intersection with the west line of Austin place 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 said Department.

**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 fourteenth day of October, 1887, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said fourteenth day of October, 1887, 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 fourteenth day of October, 1887.

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 southerly side of Fox street and a line drawn parallel with the northerly side of East One Hundred and Forty-ninth street, distant 640 feet northerly therefrom, and extending from the southerly side of Fox street to its intersection with a line drawn northerly from the northeasterly termination of East One Hundred and Forty-ninth street and perpendicular thereto; easterly by said last-mentioned line and the easterly side of Austin place; southerly by a line drawn parallel with the northerly side of One Hundred and Forty-seventh street, distant 100 feet northerly therefrom, and extending from the easterly side of the Southern Boulevard to the easterly side of Austin place; and westerly by the easterly side of the Southern Boulevard, the easterly side of Prospect avenue and the southerly side of Fox street; excepting from said area all the streets and avenues heretofore opened and all the unimproved land included within these lines of streets, avenues, roads, public squares or 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-eighth day of October, 1887, 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, August 22, 1887.

B. CASSERLY,  
THOMAS J. MILLER,  
ADOLPH L. SANGER,  
Commissioners.

CARROLL BERRY, Clerk.

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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND TWENTIETH STREET, from Tenth avenue to New avenue (Morningside 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 29th day of September, 1887, 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 Commonalty 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 Twentieth street, from Tenth avenue to New avenue (Morningside 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 987 feet 4 inches northerly from the northerly line of One Hundred and Sixteenth street; thence easterly and parallel with said street 421 feet 5<sup>1</sup>/<sub>2</sub> inches to the westerly line of New avenue (Morningside West); thence northerly along said line 60 feet 7 inches; thence westerly 413 feet 4<sup>3</sup>/<sub>8</sub> inches 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 lines of Tenth avenue and New avenue (Morningside West).

Dated New York, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty of the City of New York, relative to the opening of ONE HUNDRED AND TWENTY-FIRST STREET, from Tenth avenue to New avenue (Morningside 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 29th day of September, 1887, 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 Commonalty 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 Twenty-first street, from Tenth avenue to New avenue (Morningside 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 1,249 feet 2 inches northerly from the northerly line of One Hundred and Sixteenth street; thence easterly and parallel with said street 385 feet 2<sup>1</sup>/<sub>2</sub> inches to the westerly line of New avenue (Morningside West); thence northerly along said line 60 feet 7 inches; thence westerly 776 feet 9<sup>3</sup>/<sub>8</sub> inches 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 lines of Tenth avenue and New avenue (Morningside West).

Dated New York, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty 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 THIRTY-NINTH 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.

**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 29th day of September, 1887, 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 Commonalty 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 Thirty-ninth street, 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, being the following-described lots, pieces or parcels of land, viz.:

## PARCEL A.

Beginning at a point in the eastern line of Rider avenue, distant 200 feet northerly from the intersection of the eastern line of Rider avenue and the northern line of East One Hundred and Thirty-eighth street.

1. Thence northerly along the eastern line of the land acquired for the opening of Rider avenue for 54 $\frac{1}{2}$  feet.
2. Thence southeasterly, deflecting 105° 41' 50" to the right, for 214 $\frac{1}{2}$  feet to the western line of Morris avenue.
3. Thence southerly along the western line of Morris avenue for 52 $\frac{1}{2}$  feet.
4. Thence northwesterly for 207 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL B.

Beginning at the intersection of the eastern line of the lands acquired for the opening of Morris avenue and the western line of Third avenue.

1. Thence northeasterly along the eastern line of said lands acquired for the opening of Morris avenue for 53 $\frac{1}{2}$  feet.
2. Thence southeasterly, deflecting 109° 43' 30" to the right, for 22 $\frac{1}{2}$  feet to the western line of Third avenue.
3. Thence southwesterly along the western line of Third avenue for 50 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL C.

Beginning at a point in the eastern line of Third avenue distant 218 $\frac{1}{2}$  feet northerly from the intersection of the eastern line of Third avenue and the northern line of East One Hundred and Thirty-eighth street.

1. Thence northeasterly along the eastern line of Third avenue for 65 $\frac{1}{2}$  feet.
2. Thence southeasterly, deflecting 63° 15' to the right, for 213 $\frac{1}{2}$  feet to the western line of Brook avenue.
3. Thence southwesterly along the western line of Brook avenue for 60 $\frac{1}{2}$  feet.
4. Thence northwesterly for 2,345 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL D.

Beginning at a point in the eastern line of Brook avenue distant 200 $\frac{1}{2}$  feet northerly from the intersection of the eastern line of Brook avenue and the northern line of East One Hundred and Thirty-eighth street.

1. Thence northeasterly along the eastern line of Brook avenue for 60 $\frac{1}{2}$  feet.
2. Thence southeasterly, deflecting 95° 25' 30" to the right, for 488 $\frac{1}{2}$  feet to the western line of St. Ann's avenue.
3. Thence southwesterly along the western line of St. Ann's avenue for 60 $\frac{1}{2}$  feet.
4. Thence northwesterly for 484 $\frac{1}{2}$  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, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty 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 FORTY-THIRD STREET (although not yet named by proper authority), extending from East One Hundred and Forty-fourth street 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 29th day of September, 1887, 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 Commonalty 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-third Street, extending from East One Hundred and Forty-fourth street 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 eastern prolongation of the most northern course of the lands acquired for the opening of Rider avenue from East One Hundred and Thirty-sixth street to East One Hundred and Forty-fourth street, being the southern line of East One Hundred and Forty-fourth street distant 55 $\frac{1}{2}$  feet easterly from the intersection of the eastern line of Rider avenue and the southern line of East One Hundred and Forty-fourth street.

- 1st. Thence easterly in the prolongation of the above described southern line of East One Hundred and Forty-fourth street for 83 $\frac{1}{2}$  feet.
- 2d. Thence southeasterly, deflecting 36° 50' 48" to the right, for 118 $\frac{1}{2}$  feet to the western line of Morris avenue.
- 3d. Thence southerly along the western line of Morris avenue for 56 $\frac{1}{2}$  feet.
- 4th. Thence northwesterly for 211 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL B.

Beginning at a point in the western line of Third avenue distant 1,227 $\frac{1}{2}$  feet northeasterly from the intersection of the lands acquired for the opening of Morris avenue and the western line of Third avenue.

- 1st. Thence northeasterly along the western line of Third avenue for 50 feet.
- 2d. Thence northwesterly, deflecting 90° to the left, for 667 $\frac{1}{2}$  feet to the eastern line of Morris avenue.
- 3d. Thence southerly along the eastern line of Morris avenue for 56 $\frac{1}{2}$  feet.
- 4th. Thence southeasterly for 641 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL C.

Beginning at a point in the western line of Brook avenue, distant 1,238 $\frac{1}{2}$  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 451 $\frac{1}{2}$  feet.
- 3d. Thence westerly, deflecting 5° 25' 30" to the right, for 1,250 $\frac{1}{2}$  feet.
- 4th. Thence northerly, deflecting 90° to the right, for 60 feet.

- 5th. Thence easterly, deflecting 90° to the right, for 1,207 $\frac{1}{2}$  feet.
- 6th. Thence easterly, deflecting 5° 25' 30" to the left, for 449 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL D.

Beginning at a point in the eastern line of Brook avenue, distant 1,238 $\frac{1}{2}$  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 521 $\frac{1}{2}$  feet to the western line of St. Ann's avenue.
- 3d. Thence northerly along the western line of St. Ann's avenue for 60 $\frac{1}{2}$  feet.
- 4th. Thence westerly for 523 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, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of WENDOVER AVENUE (although not yet named by proper authority) extending from Webster 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 Thursday, the 29th day of September, 1887, 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 Commonalty 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 Wendover avenue, extending from Webster 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.:

1. Beginning at a point in the eastern line of Webster avenue distant 2,241 $\frac{1}{2}$  feet northerly from the north-eastern corner of Webster avenue and East One Hundred and Sixty-ninth street.
1. Thence northerly along the eastern line of Webster avenue for 110 $\frac{1}{2}$  feet.
2. Thence easterly, deflecting 93° 45' 37" to the right, for 777 $\frac{1}{2}$  feet.
3. Thence easterly, deflecting 7° 54' 30" to the right, for 438 $\frac{1}{2}$  feet.
4. Thence southerly, deflecting 87° 23' 36" to the right, for 51 $\frac{1}{2}$  feet.
5. Thence southerly, deflecting 1° 30' 34" to the right, for 48 $\frac{1}{2}$  feet.
6. Thence westerly, deflecting 91° 05' 50" to the right, for 434 $\frac{1}{2}$  feet.
7. Thence westerly, deflecting 7° 54' 30" to the left, for 371 $\frac{1}{2}$  feet.
8. Thence northerly, deflecting 89° 46' 45" to the right, for 50 feet.
9. Thence westerly, deflecting 89° 46' 45" to the left, for 168 $\frac{1}{2}$  feet.
10. Thence southerly, deflecting 90° 18' 05" to the left, for 60 feet.
11. Thence westerly, deflecting 90° 18' 05" to the right, for 223 $\frac{1}{2}$  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, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty 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 THIRTY-SEVENTH STREET (although not yet named by proper authority), extending from Rider avenue to Locust 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 29th day of September, 1887, 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 Commonalty 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 Thirty-seventh street, extending from Rider avenue to Locust 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.:

1. Beginning at a point in the eastern line of Rider avenue distant 250 feet southerly from the intersection of the eastern line of Rider avenue and the southern line of East One Hundred and Thirty-eighth street.
1. Thence southerly along the eastern line of Rider avenue for 50 feet.
2. Thence southeasterly, deflecting 90° to the left, for 267 $\frac{1}{2}$  feet to the western line of Third avenue.
3. Thence northeasterly along the western line of Morris avenue for 50 $\frac{1}{2}$  feet.
4. Thence northwesterly for 271 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL B.

Beginning at a point in the western line of Brook avenue distant 250 feet southerly from the intersection of the western line of Brook avenue and the southern line of East One Hundred and Thirty-eighth street.

1. Thence southerly along the western line of Brook avenue for 60 feet.
2. Thence westerly, deflecting 90° to the right, for 2,593 $\frac{1}{2}$  feet to the eastern line of Third avenue.
3. Thence northeasterly along the eastern line of Third avenue for 63 $\frac{1}{2}$  feet.
4. Thence easterly for 2,572 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL C.

Beginning at a point in the eastern line of Brook avenue distant 200 feet southerly from the intersection of the eastern line of Brook avenue and the southern line of East One Hundred and Thirty-eighth street.

1. Thence southerly along the eastern line of Brook avenue for 60 feet.
2. Thence easterly, deflecting 90° to the left, for 480 $\frac{1}{2}$  feet to the western line of St. Ann's avenue.
3. Thence northerly along the western line of St. Ann's avenue for 60 $\frac{1}{2}$  feet.
4. Thence westerly for 479 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL D.

Beginning at a point in the eastern line of St. Ann's avenue distant 200 $\frac{1}{2}$  feet southerly from the intersection of the eastern line of St. Ann's avenue and the southern line of East One Hundred and Thirty-eighth street.

1. Thence southerly along the eastern line of St. Ann's avenue for 60 $\frac{1}{2}$  feet.
2. Thence easterly, deflecting 88° 22' 25" to the left, for 1,320 $\frac{1}{2}$  feet to the western line of the Southern Boulevard.
3. Thence northeasterly along the western line of the Southern Boulevard for 69 $\frac{1}{2}$  feet.
4. Thence westerly for 1,356 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL E.

Beginning at a point in the eastern line of the Southern Boulevard distant 231 $\frac{1}{2}$  feet southerly from the intersection of the eastern line of the Southern Boulevard and the southern line of East One Hundred and Thirty-eighth street.

1. Thence southwesterly, along the eastern line of the Southern Boulevard for 69 $\frac{1}{2}$  feet.
2. Thence easterly, deflecting 120° 02' 30" to the left, for 925 $\frac{1}{2}$  feet.
3. Thence southerly, deflecting 8° 22' 53" to the right, for 819 $\frac{1}{2}$  feet.
4. Thence northeasterly, deflecting 90° to the left, for 60 feet.
5. Thence northwesterly, deflecting 90° to the left, for 823 $\frac{1}{2}$  feet.
6. Thence westerly, deflecting 8° 22' 53" to the left, for 894 $\frac{1}{2}$  feet to the point or place 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, August 24, 1887.

MORGAN J. O'BRIEN,  
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 Commonalty 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 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.

**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 29th day of September, 1887, 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 Commonalty 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-second street, 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, being the following-described lots, pieces or parcels of land, viz.:

1. Beginning at a point in the eastern line of Rider avenue distant 190 $\frac{1}{2}$  feet southerly from the intersection of the eastern line of Rider avenue and the southern line of East One Hundred and Forty-fourth street.
1. Thence southerly along the eastern line of Rider avenue for 56 $\frac{1}{2}$  feet.
2. Thence southeasterly, deflecting 62° 05' 40" to the left, for 269 $\frac{1}{2}$  feet to the western line of Morris avenue.
3. Thence northerly along the western line of Morris avenue for 56 $\frac{1}{2}$  feet.
4. Thence northwesterly for 270 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL B.

Beginning at a point in the western line of Third avenue distant 975 $\frac{1}{2}$  feet northeasterly from the intersection of the eastern line of the lands acquired for the opening of Morris avenue and the western line of Third avenue.

1. Thence northeasterly along the western line of Third avenue for 50 feet.
2. Thence northwesterly, deflecting 90° to the left, for 537 $\frac{1}{2}$  feet to the eastern line of Morris avenue.
3. Thence southerly along the eastern line of Morris avenue for 56 $\frac{1}{2}$  feet.
4. Thence southeasterly for 512 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL C.

Beginning at a point in the western line of Brook avenue distant 1,028 $\frac{1}{2}$  feet northerly from the northwestern corner of East One Hundred and Thirty-eighth street and Brook avenue.

1. Thence northerly along the western line of Brook avenue for 60 feet.
2. Thence westerly, deflecting 90° to the left, for 464 $\frac{1}{2}$  feet.
3. Thence westerly, deflecting 5° 25' 30" to the right, for 1,379 $\frac{1}{2}$  feet to the eastern line of Third avenue.
4. Thence southwesterly along the western line of Third avenue for 67 $\frac{1}{2}$  feet.
5. Thence easterly, deflecting 116° 45' to the left, for 1,412 $\frac{1}{2}$  feet.
6. Thence easterly, deflecting 5° 25' 30" to the left, for 467 $\frac{1}{2}$  feet to the point of beginning.

## PARCEL D.

Beginning at a point in the eastern line of Brook avenue distant 1,036 $\frac{1}{2}$  feet northerly from the northeastern corner of East One Hundred and Thirty-eighth street and Brook avenue.

1. Thence northerly along the eastern line of Brook avenue for 60 feet.
2. Thence easterly, deflecting 90° to the right, for 516 $\frac{1}{2}$  feet to the western line of St. Ann's avenue.
3. Thence southerly along the western line of St. Ann's avenue for 60 $\frac{1}{2}$  feet.
4. Thence westerly for 515 $\frac{1}{2}$  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, August 24, 1887.

MORGAN J. O'BRIEN,  
Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Commissioners of the Department of Public Parks, for and on behalf of the Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to that part of PROSPECT AVENUE (although not yet named by proper authority), commencing at West hester avenue and running to its intersection with the west line of Southern Boulevard, 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 said Department.

**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. 73 William street (third floor), in the said city, on or before the fifteenth day of September, 1887, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said fifteenth day of September, 1887, and for that purpose will be in attendance at our said office on each of said ten days at three 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 fifteenth day of September, 1887.

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 southerly side of Westchester avenue; easterly by the centre line of the blocks between Prospect avenue and Stebbins and Legget avenues; southerly by the northerly side of the Southern Boulevard; and westerly by the centre line of the blocks between Prospect avenue and Union avenue; excepting from said area all the streets and avenues heretofore opened, and all the unimproved land included within the lines of streets, avenues, roads, public squares or 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 thirtieth day of September, 1887, 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, July 16, 1887.

JOHN O'BRYNE,  
DELANO C. CALVIN,  
JOHN T. BOYD,  
Commissioners

CARROLL BERRY, Clerk.

## POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,  
No. 300 MULBERRY STREET,  
NEW YORK, September 19, 1887.

**PUBLIC NOTICE IS HEREBY GIVEN** THAT two horses, the property of this Department, will be sold at public auction, on Friday, September 30, 1887, at 10 o'clock A. M., by Van Tassel & Kearney, Auctioneers, at their stables, No. 110 East Thirteenth street.

By order of the Board.

WM. H. KIPP,  
Chief Clerk.

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 IN ACCORD-**ance with the provisions of section 105 of chapter 335 of the Laws of 1873, entitled "An act to reorganize the local government of the City of New York," passed April 30, 1873; chapter 410 of the Laws of 1882; chapter 350 of the Laws of 1883, and chapter 183 of the Laws of 1885, and of all other provisions of law relating thereto:

That the Board of Street Opening and Improvement of the City of New York deem it for the public interest to alter the map or plan of the City of New York by laying out, opening and extending One Hundred and Thirty-fourth street, of a uniform width of 60 feet between the lines of St. Ann's avenue and the Southern Boulevard, said street being more particularly bounded and described as follows:

- Beginning at a point in the eastern line of St. Ann's avenue, distant 108.01 feet northerly from the intersection of the eastern line of St. Ann's avenue with the northern line of the Southern Boulevard;
- 1st. Thence northeasterly along the eastern line of St. Ann's avenue for 60 feet;
- 2d. Thence southeasterly deflecting 90 degrees to the right for 754.85 feet;
- 3d. Thence southwesterly along the northern line of Southern Boulevard for 125.12 feet;
- 4th. Thence northeasterly on a line forming an angle of 30 degrees 27 minutes 1 second to the right with a radius of the preceding course drawn through its southern extremity for 8.20 feet;
- 5th. Thence northwesterly deflecting 50 degrees to the left for 650 feet to the point of beginning.

And that they propose to alter the map or plan of said City of New York by laying out, opening and extending said street aforesaid.

And that such proposed action of this Board has been duly laid before the Board of Aldermen of the City of New York.

Dated August 23, 1887.

WILLIAM V. I. MERCER,  
Secretary.

**NOTICE IS HEREBY GIVEN IN ACCORDANCE** with the provisions of section 105 of chapter 335 of the Laws of 1873, entitled "An act to reorganize the local government of the City of New York," passed April 30, 1873; chapter 410 of the Laws of 1882; chapter 350 of the Laws of 1883, and chapter 183 of the Laws of 1885, and of all other provisions of law relating thereto:

That the Board of Street Opening and Improvement of the City of New York deem it for the public interest to alter the map or plan of the City of New York by laying out, opening and extending an approach to McComb's Dam Bridge, from Seventh avenue to McComb's Lane; the said approach being more particularly bounded and described as follows:



PARCEL A.

Commencing at the intersection of the southern line of One Hundred and Fifty-third street with the western line of Seventh avenue.

1st. Thence northwesterly along the southern line of One Hundred and Fifty-third street for 99.92 feet.

2d. Thence southerly on the arc of a circle, whose centre lies southerly of the preceding course, and whose radius, drawn through the western extremity of the said course, forms an angle of 90 degrees with it, and is 99.92 feet for 156.92 feet to the western line of Seventh avenue.

3d. Thence northwesterly along the western line of Seventh avenue for 99.92 feet to the point of beginning.

PARCEL B.

Beginning at the intersection of the northern line of One Hundred and Fifty-third street with the western line of Seventh avenue.

1st. Thence northwesterly along the western line of Seventh avenue for 40 feet.

2d. Thence northwesterly along a line parallel to the northern line of One Hundred and Fifty-third street, and distant 40 feet therefrom, for 99.92 feet.

3d. Thence curving to the right northerly on the arc of a circle, tangent to the preceding course, whose radius is 76.97 feet, for 161.14 feet.

4th. Thence southwesterly, on a line tangent to the preceding course, for 48.75 feet.

5th. Thence southwesterly, deflecting to the left one degree 36' 13" for 128.58 feet to the northern line of One Hundred and Fifty-third street.

6th. Thence southeasterly along the northern line of One Hundred and Fifty-third street for 252 feet to the point of beginning.

And that they propose to alter the map or plan of said City of New York by laying out, opening and extending said approach as aforesaid.

And that such proposed action of this Board has been duly laid before the Board of Aldermen of the City of New York.

Dated New York, August 23, 1887.

WM. V. I. MERCER,  
Secretary.

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE obtained at No. 2 City Hall northwest corner basement. Price three cents each.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR NEW FLOORS, ETC., AT BELLEVUE HOSPITAL.

SEALED BIDS OR ESTIMATES FOR THE aforesaid job, in accordance with the specifications and plans, 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 Friday, September 30, 1887. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for New Floors, etc., at Bellevue Hospital," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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.

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of FIVE THOUSAND (\$5,000) dollars.

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; also that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud; and that no member of the 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 faithful performance; and that if he shall omit or refuse to execute the same, they shall 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 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 surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered, to be approved by the Comptroller of the City of New York.

No bid or 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 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 ex-

ecute 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 him 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.

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.

BIDDERS ARE INFORMED THAT NO DEVIATION FROM THE SPECIFICATIONS WILL BE ALLOWED, UNLESS UNDER THE WRITTEN INSTRUCTIONS OF THE COMMISSIONERS OF PUBLIC CHARITIES AND CORRECTION.

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department, where the plans will be on exhibition for the information of bidders.

Dated NEW YORK, September 20, 1887.

CHARLES E. SIMMONS, M. D., President.

HENRY H. PORTER, Commissioner.

THOMAS BRENNAN, Commissioner.

Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE.

TO CONTRACTORS.

PROPOSALS FOR GROCERIES, CROCKERY, DRY GOODS, IRON, LEATHER, LUMBER, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING

GROCERIES.

6,000 pounds Dairy Butter, sample on exhibition Thursday, September 22, 1887.

1,000 pounds Cheese.

1,500 pounds Dried Apples.

2,000 pounds Prunes.

4,000 pounds Barley, price to include packages.

2,500 pounds Wheaten Grits, price to include packages.

1,600 pounds Chicory.

9,000 pounds Brown Sugar.

250 bushels Beans.

100 bushels Peas.

200 bushels Rye.

500 pounds Candles, 16 ounces to the pound.

4 dozen Tomato Catsup.

6 dozen Canned Salmon.

20 dozen Sea Foam.

30 dozen Potash.

4 pieces prime quality City Cured Bacon, to average about 6 pounds each.

40 prime quality City Cured Smoked Hams, to average about 14 pounds each.

4,000 pounds Rice.

20 barrels pure Cider Vinegar.

20 barrels prime quality Sal-soda, about 340 pounds per barrel.

3,200 dozen Fresh Eggs, all to be candled.

600 barrels good sound Irish Potatoes, to weigh 172 pounds net per barrel.

50 barrels prime Red Onions, 150 pounds net per barrel.

50 bags Coarse Meal, 100 pounds net each.

100 bags Bran, 50 pounds net each.

250 bales long, bright Rye Straw, prime quality, tare not to exceed three pounds weight; charged as received at Blackwell's Island.

DRY GOODS.

15,000 yards Brown Muslin.

2,000 yards Furniture Check.

500 yards Linen Diaper.

1,500 yards Crash Toweling.

4,000 yards Ticking.

1,000 yards Cotton Jeans.

1,500 yards Gingham (brown).

150 Hoods.

250 Shawls.

HARDWARE, WOODENWARE, IRON, ETC.

6 dozen Trimmers, 8 in.

120 pounds Sail Twine, net weight.

12 dozen Mop Handles.

60 Fathoms first quality White Manila Bolt Rope, 3 in.

1 coil first quality White Manila Bolt Rope, 6 in.

1/2 gross Basins.

30 bundles first quality Common Sheet Iron, No. 22.

10 bundles R. G. Iron, 24 x 84.

5 bundles R. G. Iron, 26 x 84.

5 bundles Hoop Iron, 1 1/2 in.

20 barrels first quality Rosendale Cement.

LEATHER AND FINDINGS.

100 sides good damaged Sole Leather, to weigh 21 to 25 pounds each.

25 gross Shoe Binding.

PAINTS AND OILS.

2 barrels first quality Raw Linseed Oil.

2 barrels first quality Boiled Linseed Oil.

150 pounds first quality Raw Sienna, ground in oil, 10 58, 25 25, 50 15.

20 barrels Standard White Kerosene Oil, 150° test.

LUMBER.

50,000 feet first quality Coffin Box Boards, 1 in. x 12 in. to 15 in. x 12 ft. to 16 ft., dressed one side.

5,000 feet first quality extra Clear Shelving, 12 in. to 16 in. wide, 12 ft. to 16 ft. long, dressed 2 sides.

250 feet extra Clear White Pine, 1/2 in., dressed 2 sides.

50 first quality Ceiling Boards, clear, thoroughly seasoned, 3/4 x 4 1/2, tongued and grooved, dressed and beaded both sides.

All lumber to be delivered at Blackwell's Island.

—will be received at the Department of Public Charities and Correction, in the City of New York, until 9.30 o'clock A. M. of Friday, September 23, 1887. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Groceries, Crockery, Dry Goods, etc.," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES AND CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

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.

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

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, in the penal amount of fifty (50) per cent. of the ESTIMATED amount of the contract.

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; also that it is made without

any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud; and that no member of the 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 faithful performance; and that if he shall omit or refuse to execute the same, they shall 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 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 section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or 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 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 him 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.

BIDDERS ARE INFORMED THAT NO DEVIATION FROM THE SPECIFICATIONS WILL BE ALLOWED, UNLESS UNDER THE WRITTEN INSTRUCTIONS OF THE COMMISSIONERS OF PUBLIC CHARITIES AND CORRECTION.

No bid or estimate will be accepted from, or a 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 form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated NEW YORK, September 12, 1887.

CHARLES E. SIMMONS, President.

HENRY H. PORTER, Commissioner.

THOMAS S. BRENNAN, Commissioner.

Public Charities and Correction.

DEPARTMENT OF PUBLIC CHARITIES AND CORRECTION,  
No. 66 THIRD AVENUE,  
NEW YORK, September 6, 1887.

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 Ward No. 25, Bellevue Hospital—Unknown man, aged about 45 years; 5 feet 8 inches high; light brown hair; blue eyes; full brown beard. Had on blue hickory jumper, dark pants; brock knit undershirt, blue flannel drawers, brown socks, laced shoes.

Unknown man from No. 490 Pearl street, aged about 30 years; 5 feet 7 in. high; light brown hair; small sandy mustache and imperial; gray eyes. Had on black diagonal coat and vest, dark pants, white shirt, white flannel undershirt and drawers, white cotton socks, low cut shoes.

Unknown man from foot of Ninety-first street, East river, aged about 35 years; 5 feet 7 1/2 inches high; dark brown hair; sandy mustache and side whiskers. Had on black coat, dark diagonal vest, plaid pants, white shirt, brown knitted undershirt, white flannel drawers, brown socks.

At Penitentiary, Blackwell's Island—Ella Smith, aged 39 years. Committed March 29, 1887.

At Workhouse, Blackwell's Island—Jennie Brown, aged 18 years. Committed July 20, 1887.

At Homeopathic Hospital, Ward's Island, Giuseppe Ulo, aged 54 years, 5 feet 5 inches high; black eyes and hair. Had on when admitted gray coat and vest, black pants, Blucher shoes, black felt 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, September 14, 1887.

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 No. 154 Bleeker street—Unknown man, aged about 30 years; 5 feet 9 inches high; black hair, eyes and moustache. Had on dark coat, vest and pants, white shirt, blue check jumper, brown socks, rubber shoes.

At Charity Hospital, Blackwell's Island—Angela Gattello, aged 52 years; 5 feet 4 inches high; dark hair; dark brown eyes. Had on when admitted plaid calico skirt, calico blouse, gingham apron, slippers.

Jesse Young, aged 34 years; 5 feet 8 inches high; red hair, blue eyes. Had on when admitted dark coat and pants, white shirt, black felt hat.

At Penitentiary, Blackwell's Island—James Reardon, alias William Brancroft, aged 39 years; 5 feet 4 inches high; brown hair, blue eyes. Had on when received blue coat, black pants, white shirt, Oxford tie shoes, black derby hat.

At Homeopathic Hospital, Ward's Island—Thomas H. Sease, aged 61 years; 5 feet 6 inches high; brown eyes, gray hair. Had on when admitted black overcoat, gray coat, black pants and vest, gaiters, brown derby hat.

Peter Engel, aged 47 years; 5 feet 8 inches high; black hair, brown eyes. Had on when admitted black coat, blue overalls, gray check jumper, boots, brown derby hat.

Joseph Keller, aged 52 years; 5 feet 7 inches high; brown hair and eyes. Had on when admitted brown coat, black vest, gray pants, laced shoes, black derby hat.

Nothing known of their friends or relatives.

By order.

G. F. BRITTON,

Secretary.

DEPARTMENT OF DOCKS.

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

TO CONTRACTORS.

(No. 254.)

PROPOSALS FOR ESTIMATES FOR DREDGING THE SITE OF PIER, NEW 37, NORTH RIVER.

ESTIMATES FOR DREDGING THE SITE OF Pier, new 37, near the foot of Charlton street, 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

FRIDAY, SEPTEMBER 23, 1887.

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 Nine Hundred 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:

Site of Pier new 37, North river, 15,000 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 fifteenth day of October, 1887, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for



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.

LUCIUS J. N. STARK,  
JAMES MATTHEWS,  
CHARLES H. MARSHALL,  
Commissioners of the Department of Docks.

Dated New York, September 10, 1887.

DEPARTMENT OF DOCKS,  
PIER "A," BATTERY PLACE,  
NEW YORK, September 1, 1887.

#### NOTICE.

VAN TASSELL & KEARNEY, Auctioneers, will sell at public auction at Pier "A," Battery place, in the City of New York, on Tuesday, September 20, 1887, at 12 o'clock noon, the right to collect and retain all wharfage which may accrue for the use and occupation by vessels of more than five tons burden, of the following named piers and bulkhead, to wit:

#### ON THE EAST RIVER.

Lot No. 1. For and during the term of ten years from May 1, 1888.

The easterly half of Pier No. 51 and the westerly half of Pier No. 52, and the small pier between, sometimes called Pier No. 51½, and the bulkhead situated between Pier 51 and the small pier, and between the small pier and Pier 52.

The Department will, in pursuance of the statute in such cases made and provided, grant permit to shed said piers, on the usual terms and conditions, provided the owner or owners of the other halves of said piers join the Department's lessee in an application for the same, such sheds to revert to and become the property of the city on the expiration or sooner termination of the lease.

The Department will, in pursuance of the statute in such cases made and provided, also, if desired by the lessee, grant permit to build a platform, about fifty feet wide, in front of the bulkhead between Pier 51 and the small pier situated between Piers 51 and 52, and in front of the bulkhead between the small pier, situated between Piers 51 and 52, and Pier 52, upon condition that the lessee shall pay for the same, at the rate of twenty-five cents per square foot per annum, for the use of the land under water, and shall agree that the said platform shall revert to and become the property of the city on the expiration or sooner termination of the lease.

In case permission to shed the platform be granted the price to be paid for such privilege to shed shall be determined by agreement to be hereafter made between the lessee and this Department.

#### TERMS AND CONDITIONS OF SALE.

The premises must be taken in the condition in which they may be at the commencement of the term of the lease, and no claim or demand that the premises or property are not in suitable and tenable condition at the commencement of the term will be allowed by this Department.

All repairs, maintaining or rebuilding required or necessary to be done to or upon the premises, or any part thereof, during the continuance of the term of the lease, shall be done by and at the cost and expense of the lessee or purchaser.

No claim or demand will be considered or allowed by the Department for any loss or deprivation of wharfage or otherwise, resulting from or occasioned by any delay on account or by reason of the premises or any part thereof being occupied for or on account of any repairs, rebuilding or dredging.

The up-set price of the parcels or premises exposed or offered for sale will be announced by the Auctioneer at the time of sale.

The Department will do all dredging, whenever it shall deem it necessary or advisable so to do.

The term for which leases are sold will commence at the date mentioned in the advertisement, viz., May 1, 1888, and the rents accruing therefor will be payable from that date in each case.

Each purchaser of a lease will be required, at the time of the sale, to pay, in addition to the Auctioneer's fees, to the Department of Docks, twenty-five per cent. (25%) of the amount of annual rent bid, as security for the execution of the lease, which twenty-five per cent. (25%) will be applied to the payment of the rent first accruing under the lease when executed, or will be forfeited to the Department if the purchaser neglects or refuses to execute the lease, with good and sufficient surety or sureties, to be approved by the Department, within ten days after being notified that the lease is prepared and ready for execution at the Department of Docks.

The Department expressly reserves the right to resell the lease or premises bid off, by these failing, refusing or neglecting to comply with these terms and conditions, the party so failing, refusing or neglecting, to be liable to the Corporation of the City of New York, for any deficiency resulting from or occasioned by such resale.

Lessees will be required to pay their rent quarterly in advance, in compliance with the terms and conditions of the lease prepared and adopted by the Department.

In all cases where it is mentioned in the advertisement of sale, the purchaser shall be entitled to the privilege of occupying any shed upon the pier or bulkhead at the commencement of the term or that may thereafter be permitted or licensed by the Department and to the rights attached to such permission or license, but subject to the condition thereof, such purchaser being engaged in the business of steam transportation and using and employing the same for the purpose of regularly receiving and discharging cargo thereat.

Not less than two sureties, each to be a householder or freeholder in the City of New York, to be approved by the Commissioners of Docks, will be required under each lease to enter into a bond or obligation, jointly and severally with the lessee, in the sum of double the annual rent, for the faithful performance of all the conditions and conditions of the lease, the names and addresses of the sureties to be submitted at the time of sale.

Each purchaser will be required to agree that he will, upon ten days' notice so to do, execute a lease with sufficient surety as aforesaid, the printed form of which may be seen and examined upon application to the Secretary at the office of the Department, Pier "A," Battery place.

No person will be received as a lessee or surety who is delinquent on any former lease from this Department or the Corporation.

No bid will be accepted from any person who is in arrears to this Department or the Corporation, upon debt or contract, or who is a defaulter as surety or otherwise upon any obligation to this Department or to the Corporation of the City of New York.

The Auctioneer's fees (\$25) on each lot or parcel must be paid by the purchasers thereof, respectively, at the time of sale.

L. J. N. STARK,  
JAMES MATTHEWS,  
CHARLES H. MARSHALL,  
Commissioners of the Department of Docks.

### FINANCE DEPARTMENT.

#### INTEREST ON CITY BONDS AND STOCKS.

THE INTEREST DUE NOVEMBER 1, 1887, ON the Bonds and Stocks of the City of New York, will be paid on that day by the Comptroller, at the office of the City Chamberlain, Room 27, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from September 24 to November 1, 1887.

E. V. LOEW, Comptroller.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,  
NEW YORK, September 16, 1887.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
August 26, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

One Hundred and Twelfth street opening, between Tenth avenue and Boulevard,  
—which was confirmed by the Supreme Court, August 18, 1887, and entered on 25th day of August, 1887, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 37, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before November 1, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
August 12, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

One Hundred and Thirtieth street opening, between Eighth avenue and Avenue St. Nicholas.

One Hundred and Fortieth street opening, between Eighth avenue and Edgecombe road,  
—which were confirmed by the Supreme Court July 29, 1887, and entered on the 10th day of August, 1887, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 37, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before October 10, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
July 30, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

William street regulating and grading, from Duane street to the intersection of North William street.

Willis avenue regulating, grading, setting curb-stones, paving, gutters and flagging sidewalks, between the Southern Boulevard and North Third street.

One Hundred and Thirty-third street regulating, grading, curbing and flagging, from Eighth avenue to Avenue St. Nicholas.

One Hundred and Thirty-fifth street regulating, grading, curbing, flagging, laying crosswalks and paving with trap-block pavement, from North Third avenue to Mott Haven Canal.

One Hundred and Fifty-fifth street regulating, grading, curbing and flagging, from Eighth avenue to first new avenue west of Eighth avenue.

One Hundred and Sixty-fifth street regulating, grading, setting curb and gutter stones, flagging and laying crosswalks, between Boston road and Union avenue.

Lexington avenue sewer, between Eighty-third and Eighty-fifth streets.

Morris avenue sewer, from the summit between One Hundred and Thirty-ninth and One Hundred and Fortieth streets to North Third street.

Eighty-seventh street sewer, between Tenth and Riverside avenues.

One Hundred and Thirty-third street sewer, between Eighth avenue and Avenue St. Nicholas.

One Hundred and Thirty-eighth street sewer, from Brook to St. Ann's avenue.

One Hundred and Fifty-first street sewer, between Avenue St. Nicholas and Tenth avenue, east side, between One Hundred and Fiftieth and One Hundred and Fifty-first streets.

One Hundred and Sixty-fourth street sewer, between Washington and Brook avenues.

Alteration and improvement to receiving-basins on southeast corners of Seventy-ninth and Eighty-first streets; on northeast and southeast corners of Eighty-first street;

on the northeast corner of Eighty-second street; on the northeast and northwest corners of Eighty-third, Eighty-fourth, Eighty-sixth, Eighty-seventh, and Eighty-eighth street and West End avenue.

Alteration and improvement to receiving-basins on southeast and southwest corners of Ninety-second, Ninety-fourth, and Ninety-sixth streets; on southwest corner of Ninety-third street; on northeast and northwest corners of Ninety-sixth and Ninety-eighth streets, and on northwest corners of Ninety-ninth, One Hundredth, One Hundred and First, and One Hundred and Second streets, and West End avenue.

Receiving-basins on the northwest and southwest corners of One Hundred and First street and Third avenue, and on the northeast, southeast, northwest and southwest corners of One Hundred and Sixth street and Fourth avenue.

First avenue fencing vacant lots, southwest corner of One Hundred and Twenty-fourth street.

Fourth avenue fencing vacant lots, northwest corner of One Hundred and Ninth street.

Seventh avenue fencing vacant lots, east side, between One Hundred and Twenty-first and One Hundred and Twenty-second streets.

Seventh avenue fencing vacant lot, southeast corner of One Hundred and Twenty-second street.

Seventh avenue fencing vacant lots, southwest corner of One Hundred and Thirty-first street.

Ninety-sixth street fencing vacant lots, south side, between Second and Third avenues.

Fencing vacant lots on block bounded by One Hundred and Ninth and One Hundred and Tenth streets, and Fifth and Madison avenues.

One Hundred and Twenty-eighth street fencing vacant lots, south side, from Seventh to Eighth avenue,  
—which were confirmed by the Board of Revision and Correction of Assessments July 10, 1887, and entered on the same date, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before October 5, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
July 26, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 997 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

One Hundred and Eighteenth street opening, between Eighth and Ninth avenues.

One Hundred and Nineteenth street opening, between Eighth and Ninth avenues.

—which were confirmed by the Supreme Court, July 15, 1887, and entered on the 21st day of July, 1887, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon as provided in section 998 of said "New York City Consolidation Act of 1882."

Section 998 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," Room 37, Stewart Building, between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before October 1, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
July 16, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

Lexington avenue regulating, grading, curb, gutter and flagging, from One Hundred and Second street to Harlem river.

Washington street regulating, grading, curbing and flagging, from Twelfth to Fourteenth street.

One Hundred and First street regulating, grading, curbing and flagging, from Third to Fourth avenue.

One Hundred and Fourth street regulating, grading, curbing and flagging, from the Boulevard to Riverside Drive.

One Hundred and Seventeenth street regulating, grading, curbing, guttering and flagging, from Sixth to Seventh avenue.

One Hundred and Thirtieth street regulating, grading and flagging, from Old Broadway to the Boulevard.

Lexington avenue paving, from One Hundred and Fourth to One Hundred and Thirty-first street, with granite-block pavement.

Sixty-fourth street paving, from First to Second avenue, with trap-block pavement.

Eighty-second street paving, from Avenue A to Avenue B, with granite-block pavement.

Ninety-first street paving, between Second and Fourth avenues, with trap-block pavement.

Ninety-third street paving, from Eighth to Ninth avenue, with trap-block pavement.

One Hundred and Third street paving, with granite-block pavement, and laying crosswalks, from First to Second avenue.

One Hundred and Seventh street paving, from Third to Lexington avenue, with trap-block pavement.

One Hundred and Ninth street paving, from Madison to Fourth avenue, with trap-block pavement.

One Hundred and Thirty-second street paving, from Seventh to Eighth avenue, with trap-block pavement.

One Hundred and Thirty-third street paving, from Seventh to Eighth avenue, with granite-block pavement.

Seventy-second, Seventy-third, and Seventy-fourth streets, alterations and improvements to basins northeast and northwest corners of West End avenue.

Eighty-first street basin, southeast corner of Avenue A.

One Hundred and Seventh street basin, northwest corner of First avenue.

One Hundred and Seventh street basin, northeast corner of First avenue.

One Hundred and Ninth street basin, southeast corner of Fourth avenue.

One Hundred and Twenty-first street basin, northwest corner of Fourth avenue.

One Hundred and Twenty-ninth street basin, on the north side at the junction of Manhattan street, and on south side, east and west corners of Manhattan street.

North Third avenue and Boston road sewer and appurtenances, between Brook avenue and One Hundred and Sixty-seventh street, with branch in North Third avenue, between One Hundred and Sixty-third and One Hundred and Sixty-fourth streets.

Forsyth street sewer, between Stanton and Houston streets.

Lexington avenue sewer, between Ninety-fifth and Ninety-seventh streets, and Ninety-fifth and Ninety-sixth streets, between Lexington and Fourth avenues, with alterations and improvements to existing sewers in Third avenue, between Ninety-seventh and Ninety-eighth streets.

Fourth avenue sewer, east side between Fifty-fourth and Fifty-fifth streets.

Ninety-fourth street sewer, between Eighth and Ninth avenues.

Ninety-fifth street sewer, between Ninth and Tenth avenues.

One Hundred and Fifth street sewer, between First avenue and Harlem river.

One Hundred and Fifteenth street sewer, between Seventh and Eighth avenues.

Grand Boulevard flagging, additional course of, on west side, from Sixty-first to Sixty-third street.

Leroy street flagging, south side, from Greenwich to West street.

Seventh avenue flagging, with an additional course, from One Hundred and Twenty-eighth to One Hundred and Forty-fifth street.

Madison avenue fencing, east side, from One Hundred and Tenth to One Hundred and Eleventh street.

Seventy-seventh street fencing, south side, between Madison and Fourth avenues, and Fourth avenue, west side, between Seventy-sixth and Seventy-seventh streets, and Seventy-sixth street, north side, between Madison and Fourth avenues.

—which were confirmed by the Board of Revision and Correction of Assessments June 29, 1887, and entered on the same date, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon, at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before September 22, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

CITY OF NEW YORK,  
FINANCE DEPARTMENT,  
COMPTROLLER'S OFFICE,  
August 6, 1887.

#### NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment list, viz.:

Westchester avenue sewer and appurtenances, from Brook to St. Ann's avenue, with branches in St. Ann's avenue, between Port Morris Branch Railroad and Carr street.

One Hundred and Seventieth street sewer and appurtenances, between North Third and Franklin avenues, with a branch in Fulton avenue, between One Hundred and Seventieth and One Hundred and Sixty-ninth streets.

—which were confirmed by the Board of Revision and Correction of Assessments, July 20, 1887, and entered on the same date, in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before October 13, 1887, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,  
Comptroller.

#### 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."

EDWARD V. LOEW,  
Comptroller.