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## THE CITY RECORD.

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## PUBLIC SERVICE COMMISSION, FIRST DISTRICT.

No. 120 BROADWAY, NEW YORK CITY.

Calendar of Hearings Commencing Dec. 24, 1917.

Wednesday, Dec. 26, 1917—11:30 a. m.—Room 2562—R. T. 7252—Rapid Transit Railroads—“Opening of bids for construction of station finish on parts of the Broadway-Fourth Avenue and Seventh Avenue-Lexington Avenue Rapid Transit Railroads”—Whole Commission.

Thursday, Dec. 27, 1917—11:00 a. m.—Room 2562—Adjourned Meeting of the Commission. 2:30 p. m.—Room 2562—Case No. 1577—Brooklyn Borough Gas Company—“Gas pressure regulations”—Whole Commission.

## DEPARTMENT OF FINANCE.

### OFFICE OF THE CHAMBERLAIN.

Statement of Receipts and Payments of The City of New York for the 8 Days Ended Dec. 8, 1917.

	City Treasury.	Sinking Funds.	Special Funds.	Total.
Balances Nov. 30, 1917.....	\$22,396,807 91	\$4,385,408 07	\$5,819,368 84	\$32,601,584 82
Receipts .....	29,952,443 88	421,882 42	26,915,642 81	57,289,969 11
Total .....	\$52,349,443 88	\$4,807,290 49	\$32,735,011 65	\$89,891,553 93
Payments .....	36,958,012 07	2,800,192 96	31,482,315 97	71,240,521 00
Balances Dec. 8, 1917	\$15,391,239 72	\$2,007,097 53	\$1,252,695 68	\$18,651,032 93

E. F. BARRETT, Deputy Chamberlain.

## MUNICIPAL CIVIL SERVICE COMMISSION.

Eligible List—Promulgated Dec. 19, 1917.

Consultant on City Planning.

1. John P. Fox, City Club, 55 W. 44th st., 92-30.
2. Herbert S. Swan (N. Q.), 976 E. 13th st., Brooklyn, 84-40.
3. Frederick V. Z. Lane (N. Q.), 76 Montgomery st., Jersey City, N. J., 80.
4. Ralph F. Warner, Hartsdale, N. Y., 71-80.
5. Robert A. Pope, 16 E. 33rd st., 70-90.

## DEPARTMENT OF PLANT AND STRUCTURES.

### REPORT FOR THE QUARTER ENDED SEPTEMBER 30, 1917.

On July 23, the operation of elevated trains was commenced on the two tracks on the upper deck of the Queensboro Bridge and on Sept. 4 the operation of subway trains was begun on the two tracks on the lower deck on the easterly side of the Manhattan Bridge. With the opening of these lines of traffic, all the railway tracks on these two bridges are now used for rapid transit or surface car traffic.

#### BROOKLYN BRIDGE.

Work was commenced on Aug. 3 on the reconstruction of the south roadway. The work of reconstructing and repaving the two roadways between the anchorages of the bridge will include the placing of new steel stringers and ties to support the trolley track on each roadway, the removal of the old timber underflooring and the spruce plank wearing surface, and the placing of a new underflooring and a creosoted wood block wearing surface, 21-4 inches deep. The existing T-rails in the trolley tracks will be replaced with new 7-inch girder rails. The work during the quarter consisted in the erection of scaffolds under portions of the south roadway, removing parts of the steel work which are not to be retained, and putting in 118 new steel I-beam stringers.

The upper chord pins and pin plates were renewed at ten panel points on the second truss from the south side on the main span of the bridge. The work of making repairs to stringers and floor beams under the elevated railway tracks was continued on the Manhattan end span.

The surface railway track on the north roadway was renewed by the Brooklyn Heights Railroad Co., from the Manhattan Terminal to the westerly side of Pearl Street.

#### MANHATTAN BRIDGE.

The work on the contract for the improvement of the Manhattan plaza was completed. The amount of the contract was \$821,653.68. This contract was entered into on Jan. 18, 1913. The lowest bid received for the work was \$96,920, less than the second lowest bid. The contract was awarded to the lowest bidder and it is gratifying to be able to report that, notwithstanding the low price for which the contract was let and the financial difficulties which have been encountered thereby, the work has been finally completed without readvertising a contract for any part of the work and without extra cost to the City.

Work was continued on the contract for the improvement of the southerly portion of the Manhattan plaza. The amount of this contract is \$105,768.85. The contract work, which was 50 per cent. finished at the beginning of the quarter, was 89 per cent. completed at the end of the quarter.

Work was continued and completed by the New York Municipal Railway Corporation under the direction of the Public Service Commission on the installation of third rails and equipment on the two tracks on the lower deck on the easterly side of the structures. These tracks are a part of the Fourth Avenue (Brooklyn)-Broadway (Manhattan) Line, and operation of subway trains on the tracks commenced Sept. 4, 1917.

Bids were received on July 9 for the lease of a parcel of property having an area of 1,770 square feet on the northerly side of Division st., under the Manhattan approach of the bridge. The lease, which was executed on Aug. 24, 1917, is for a period of ten years at a rental of \$3,350 per year, with the privilege of a renewal for an additional period of ten years at a rental of \$3,685 per year. The lessee completed the erection of a two-story brick building on the property, and the building is occupied by three stores. Under the terms of the lease the building will become the property of the City at the termination of the lease.

#### WILLIAMSBURG BRIDGE.

The contract for repaving the south roadway on the approaches of the bridge was completed on August 5 at a cost of \$33,199. The south roadway, which had been closed to traffic on May 7, was reopened July 26; while the south roadway was closed the north roadway was used for vehicular traffic in both directions. In the course of the work 8,404 square yards of new granite block pavement were laid, 1,596 square yards of old granite block pavement were relaid and 42 square yards of cast iron block pavement were laid. The cast iron blocks were placed at the expansion joints on the roadway in order to eliminate the excessive wear which occurs when granite blocks are put at these joints.

Work was continued on the end spans at the places where the inner cables cross the trusses of the bridge in preparation for the shifting of these cables a maximum of ten inches for each cable, in order to permit the operation of elevated railroad cars 10 feet wide over the structure. The compressed air pipe line was shifted, hangers at panel points 4 and 5 were disconnected and eight yokes for bases of temporary hangers put in position.

The construction at the Manhattan anchorage of the new cross bridge between the north and south footwalks of the bridge was completed on August 29 and opened on September 12; this made available for recreation purposes another section of the north footwalk.

Work was continued by departmental labor on removing the old cable coverings and rewinding the cables with new steel wire. About 900 feet of cable were wrapped on the two northerly cables, main span, and about 600 feet of scaffold were erected from which to continue wrapping on the most northerly cable.

The New York Consolidated Railroad Company continued the work of renewing the rails on the two elevated tracks on the bridge and completed the work on the main span and on a part of the Brooklyn side span.

#### QUEENSBORO BRIDGE.

Work was continued by departmental labor on the reconstruction of the pavement on the north half of the roadway. The reinforcing of the buckle plates was completed on August 17, and the new concrete foundation was completed on August 24. The new wood block pavement was completed and opened to traffic from the easterly pier on Blackwell's Island to panel point 37 on the Queens Approach. The portion between the Manhattan Anchorage and the easterly pier on Blackwell's Island had been completed during the preceding quarter. The whole work of reconstructing and repaving the roadway was completed at the end of the quarter with the exception of the laying of wood blocks on a length of 1,200 feet on the north half of the roadway at the easterly end of the Queens Approach.

Work was continued and completed by the Interborough Rapid Transit Co., under the direction of the Public Service Commission, on the installation of two tracks on the upper deck of the bridge. Operation of elevated trains over these tracks was commenced on July 23, thus connecting the Second Avenue Elevated Line in Manhattan with the rapid transit lines in Queens.

Work was completed, under the direction of the Department of Water Supply, Gas and Electricity, on the placing on the bridge of a water main 12 inches in diameter, crossing both the east and west channel spans. The main from the Borough of Manhattan to Blackwell's Island was put in service in September.

The contractors for the construction of the two rapid transit tunnels under the East River, connecting the Boroughs of Manhattan and Queens, were engaged in the erection, adjacent to the Queens Approach of the bridge, of the connection between the tunnels and the rapid transit station on the Queens Plaza. This work is being done under the direction of the Public Service Commission.

The entire steel work on the Manhattan Approach and the lower portion, including railings, on the Manhattan end span, were painted. Parts of the lower portions of the

west channel and island spans were cleaned and painted with red lead and linseed oil.

The elevators at the Queens Anchor Pier carried a total of \$549,387 passengers during the quarter, which was a decrease of 219,379 compared with the third quarter of 1916. This decrease is mostly due to the operation of elevated railroad trains over the bridge, which operation commenced, as previously noted, on July 23. The surface railway cars stop at the Queens Anchor Pier, whereas the elevated trains do not stop there, and many people who formerly traveled on the surface cars now use the elevated line.

#### HARLEM RIVER, MANHATTAN AND BRONX BRIDGES.

*Third Avenue Bridge*—The shafts operating the lift rams at the ends of the swing span were realigned. Repairs were made to the roadway aprons at the ends of the swing span. The lamp posts on the bridge were refastened with new bolts wherever the old bolts had deteriorated.

*Macomb's Dam Bridge*—Repairs were made to the westerly side of the fender north of the center pier. The outer timbers on a portion of the fender were rebuilt down to low water. The work of cleaning and painting the bridge and its approaches, which was 90 per cent. finished at the beginning of the quarter, was completed on August 11.

*Unionport Bridge*—Work on the contract for the construction of the Unionport Bridge was continued. The amount of the contract is \$195,511. The work during the quarter consisted of the following: Placing fill at approaches, pointing masonry, painting railings, dredging the channel, removing old piers, installing electric control, laying submarine cables, driving pile clusters and work on the bridge tenders' houses. The delivery of the steel for the lift span and the machinery was completed on September 29.

*City Island Bridge*—The Pelham Park and City Island Railroad Co., Inc., raised its track to grade and repaved the railway area on the approaches of the bridge. Old granite blocks were relaid between the rails of the track and asphalt was laid in the strips two feet wide outside the rails. The portions of the roadway on the approaches outside the railway area had been regraded and paved during the preceding quarter with an asphalt pavement, under contract with this Department. The regrading and repaving work on the roadway on the approaches is therefore fully completed.

*Riverside Drive Viaduct at W. 96th St.*—Funds to the amount of \$2,900 were authorized on July 3, 1917, by the Board of Estimate and Apportionment for cleaning, painting and making minor structural repairs to the viaduct carrying Riverside Drive over W. 96th st., and for placing concrete protection about the bases of columns of the viaduct. This viaduct is under the jurisdiction of the Commissioner of the Department of Parks, Manhattan and Richmond, but at his request arrangements were made for the work to be done by the Department of Plant and Structures. At the close of the quarter about 75 per cent. of the work had been completed.

*BRIDGES IN BROOKLYN, QUEENS AND RICHMOND.*  
Repairs were made to the fastenings on the rolling segments or rockers of the Vernon Ave. and 9th St. Bridges. Repairs were made to the operating machinery at the Greenpoint Ave. and Grand St. Bridges. At the temporary foot bridge over Sheepshead Bay on the line of E. 19th st. additional horizontal and vertical bracings were placed on the pile pier at the north end of the steel span and on eight pile bents in the timber trestle.

At the Little Neck Bridge new timber supports were built under the ends of the swing span by cutting off the old piles and putting on new caps and blocking. The roadway planking at the ends of the approaches, which had settled, was raised to the level of the bridge floor.

The work of repairing the lower chords of the swing span of the Fresh Kills Bridge was completed. In this work approximately one-half of the lacing bars and cover plates of the lower chords and a number of gusset plates were renewed. The old roadway flooring on the swing span was also renewed.

The Bridge Tenders' houses were painted at the Grand St., Metropolitan Ave., Meeker Ave. and Greenpoint Ave. Bridges.

#### MUNICIPAL BUILDING.

Work on the contract for the interior finish of the tower was continued and was about 85 per cent. completed at the close of the quarter; work on the contract for the plumbing and vacuum line work in the tower was continued and was about 75 per cent. completed; and work on the contract for the heating work in the tower was practically completed.

Work on the contract for the finish of the kitchen and dining room quarters was continued and was about 95 per cent. completed at the close of the quarter; work on the contract for the plumbing and refrigerating work in the kitchen and dining room quarters was continued and was about 90 per cent. finished; and the work on the contract for the heating and ventilating work in the kitchen and dining room quarters was practically completed.

Work on the contract for furnishing and installing metal partitions and railings was continued and was about 77 per cent. completed at the close of the quarter.

Work on the contract for furnishing and installing metal book stacks was continued and was about 90 per cent. finished at the end of the quarter.

#### Financial Report.

##### Appropriations from Tax Levy—Bridges.

Appropriations, 1915, unexpended balance, July 1, 1917	\$68 81
Appropriations, 1916, unexpended balance, July 1, 1917	20,580 39
Appropriations, 1917, unexpended balance, July 1, 1917	363,768 29
 Total	\$384,417 49
Additions, by transfer, to appropriations, 1917	3,125 18
 Total	\$387,542 67
Deductions, by transfer, from appropriations, 1917	67 26
 Balance available during the period	\$387,475 41

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#### DEPARTMENT OF FINANCE.

##### REPORT ON THE MAINTENANCE AND OPERATION OF THE DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY FOR THE YEARS 1915 AND 1916.

December 19, 1917.

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

Dear Sir—Under date of May 25, 1916, there was submitted to you a report upon the revenues and expenses of the Department of Water Supply, Gas and

Comparative Summary of the Water Revenues and Operating Expenses for the Years 1913 to 1916, Inclusive.

	1916.		1915.		1914.		1913, Amount.
	Amount.	Increase or *Decrease.	Amount.	Increase or *Decrease.	Amount.	Increase or *Decrease.	
<i>Revenues.</i>							
(A) Meter Rates	\$6,264,438 98	\$126,950 49	\$6,137,488 49	+\$212,526 68	\$6,350,015 17	\$47,522 34	\$6,302,492 83
(B) Frontage Rates	6,561,528 95	225,203 98	6,336,324 97	193,258 45	6,143,066 52	137,758 35	6,005,308 17
(C) Water for Miscellaneous Purposes	276,322 82	37,266 92	239,055 90	*\$12,083 01	251,138 91	10,169 83	240,969 08
(D) Other Miscellaneous Revenues, Sale of Materials, etc.	40,675 72	5,029 89	35,645 83	14,195 71	21,450 12	9,195 23	12,254 89
(E) Penalties for Delayed Payments	257,227 51	*19,649 24	276,876 75	26,119 30	250,757 45	16,782 29	233,975 16
Total Revenues	\$13,400,193 98	\$374,802 04	\$13,025,391 94	\$8,963 77	\$13,016,428 17	\$221,428 04	\$12,795,000 13
<i>Operating Expenses.</i>							
(F) General Administration	\$292,959 07	+\$2,901 54	\$295,860 61	\$22,637 72	\$273,222 89	\$3,779 46	\$269,443 43
(G) Water Supply	2,921,977 28	*\$28,487 86	2,950,465 14	*\$103,196 54	3,053,661 68	*\$364,835 47	3,418,497 15
(H) Water Revenue Collections	544,180 54	*\$8,488 89	582,669 43	*\$7,899 81	660,569 24	*\$28,020 81	688,590 05
(I) Taxes Accrued (Estimated)	235,000 00		235,000 00	35,000 00	200,000 00	4,150 00	195,850 00
Total Expenses	\$3,994,116 89	+\$69,878 29	\$4,063,995 18	+\$123,458 63	\$4,187,453 81	+\$384,926 82	\$4,572,380 63
Net Income (Exclusive of Interest on Funded Debt, Sinking Fund Charges and Amortization)	\$9,406,077 09	+\$444,680 33	\$8,961,396 76	\$132,422 40	\$8,828,974 36	\$606,354 86	\$8,222,619 50

Claims amounting to \$31,494.85, for the purchase of water in 1914, paid by the Department of Finance, are not included in the foregoing figures.

Expenditures during three months ended Sept. 30, 1917	151,785 24
Unexpended balance, Sept. 30, 1917	\$235,690 17
Outstanding obligations, Sept. 30, 1917	86,401 60
Unencumbered balance, Sept. 30, 1917	\$149,288 57

#### Municipal Garage Service.

Appropriations, 1916, unexpended balance, July 1, 1917	\$0 91
Appropriations, 1917, unexpended balance, July 1, 1917	51,673 72
Total	\$51,674 63
Deductions, by transfer, from appropriations, 1917	100 70
Balance available during the period	\$51,573 93

Expenditures during three months ended Sept. 30, 1917	23,087 13
Unexpended balance, Sept. 30, 1917	\$28,486 80
Outstanding obligations, Sept. 30, 1917	8,523 87
Unencumbered balance, Sept. 30, 1917	\$19,962 93

#### Special Revenue Bond Funds.

Unexpended balance, July 1, 1917	\$29,400 31
New authorizations during three months ended Sept. 30, 1917	2,774 73
Total available during the period	\$32,175 04
Expenditures during three months ended Sept. 30, 1917	27,187 18
Unexpended balance, Sept. 30, 1917	\$4,987 86

Outstanding obligations, Sept. 30, 1917	.....
Unencumbered balance, Sept. 30, 1917	\$2,587 73

## Revenues.

## (A) Water Meter Rates.

It is estimated that only about 24 per cent. of the water consumed is metered. The revenue therefrom, however, nearly equals that derived from unmetered water. The Department of Water Supply, Gas and Electricity is of the opinion that all water should be metered and in due course it confidently expects that this will occur. Meters constitute the best known means of controlling the use and checking the waste of water, and the amounts of water actually used form the basis for the charge. The following tabulation sets forth by boroughs the water revenue for the years 1913 to 1916, inclusive:

## (A) Water Meter Revenue.

Boroughs.	1916.	1915.	1914.	1913.
Manhattan	\$3,937,689 36	\$3,929,623 59	\$4,080,015 61	\$4,020,461 26
The Bronx	360,671 65	333,501 05	366,489 83	373,608 52
Brooklyn	1,519,098 67	1,468,820 27	1,465,423 67	1,494,387 59
Queens	314,630 19	280,008 01	313,368 54	292,614 88
Richmond	132,349 11	125,535 57	124,717 52	121,420 58
Totals	\$6,264,438 98	\$6,137,488 49	\$6,350,015 17	\$6,302,492 83
Comparisons with Preceding Years.	Increase or *Decrease. Cent.			
The Bronx	8,065 77	.21	\$150,392 02	*3.69
Brooklyn	27,170 60	8.15	*32,988 78	*9.00
Queens	50,278 40	3.42	3,396 60	.23
Richmond	34,622 18	12.36	*33,360 53	*10.64
Manhattan	6,813 54	5.43	818 05	.66
Totals	\$126,950 49	2.07	*\$212,526 68	*3.35
Number of Meters in Use	103,446	101,068	98,868	96,495
Increase	2,378 2.35	2,200 2.22	2,373 2.46	.....

It will be noted that the year 1915 shows a large falling off in the meter revenue. The reasons advanced are the removal of meters from large apartment houses in the boroughs of Manhattan and The Bronx and conservation of water by large corporations by improvements in their plants with reference to condensers. The Pennsylvania Railroad, in Queens Borough, effected a saving of two million cubic feet per month by such changes. The substitution of electric for water motive power was also a factor in the reduction.

Section 475 of the Greater New York Charter, as amended by chapter 602 of the Laws of 1916, relative to charges by the City for water furnished by it, reads in part as follows:

"The commissioner of water supply, gas and electricity is authorized, in his discretion, to install or cause to be installed water meters, the pattern and maximum price of which shall be approved by the board of aldermen, in any or all stores, workshops, hotels, manufactories, office buildings, public edifices, at wharves, ferry houses, stables, and in all places in which water is furnished for business consumption, and, if authorized thereto by resolution or ordinance of the board of aldermen, in any or all apartment houses, tenements, flat houses, and private dwellings; and upon written demand of the owner of any lot or premises to which such water is supplied, he shall install or cause to be installed a meter or meters, etc."

Article 2, chapter 25 of the Code of Ordinances provides, under section 22, that "the charge for water measured by meter shall be 10 cents per 100 cubic feet." This is equivalent to \$1 per 1,000 cubic feet, or 7,480.5 gallons.

The meters in use in the various boroughs as of December 31 of the past three years is as follows:

Boroughs.	1916.	1915.	1914.
Manhattan	52,900	52,889	52,764
The Bronx	8,073	7,839	7,520
Brooklyn	28,818	27,271	26,181
Queens	8,041	7,881	7,657
Richmond	5,614	5,188	4,746
Totals	103,446	101,068	98,868

## (B) Frontage Rates.

The water revenue from this source for years 1913 to 1916, inclusive, is shown as follows:

## (B) Frontage Rate Revenue.

Boroughs.	1916.	1915.	1914.	1913.
Manhattan	\$2,875,810 87	\$2,822,429 19	\$2,770,186 98	\$2,730,697 02
The Bronx	1,079,899 76	1,025,601 38	984,905 07	932,017 40
Brooklyn	2,366,372 71	2,260,641 29	2,171,639 82	2,136,521 13
Queens	132,018 74	123,851 21	115,938 02	110,577 51
Richmond	107,426 87	103,801 90	100,396 63	95,495 11
Totals	\$6,561,528 95	\$6,336,324 97	\$6,143,066 52	\$6,005,308 17
Comparisons with Preceding Years.	Per Increase. Cent.	Per Increase. Cent.	Per Increase. Cent.	Per Increase. Cent.
Manhattan	\$53,381 68	1.89	\$52,242 21	1.88
The Bronx	54,298 38	5.29	40,696 31	4.13
Brooklyn	105,731 42	4.68	89,001 47	4.10
Queens	8,167 53	6.54	7,913 19	6.85
Richmond	3,624 97	3.49	3,405 27	3.39
Totals	\$225,203 98	3.55	\$193,258 45	3.14
			\$137,758 35	2.29

The small percentage of increase, as shown in the Borough of Manhattan, is due to the fact that for every two and a half buildings demolished one is erected, and buildings formerly upon a frontage basis are superseded by those in which meters are installed. The larger percentages of increases shown in the other boroughs reflect the growth of the residential districts.

Chapter 25, article 2 of the Code of Ordinances provides, under section 20, that "the annual frontage rents on premises wholly or partly unmetered \* \* \* shall be as follows, to wit:

Frontage Width of Building.	One Story.
16 feet and under	\$4 00
16 feet to 18 feet	5 00
18 feet to 20 feet	6 00
20 feet to 22 1/2 feet	7 00
22 1/2 feet to 25 feet	8 00
25 feet to 30 feet	10 00
30 feet to 37 1/2 feet	12 00
37 1/2 feet to 50 feet	14 00

For each additional story one dollar (\$1.00) shall be added; and for each additional 10 feet or part thereof above 50 feet in front width of building \$2 shall be added.

The above frontage rents are on the basis of one family, one bath and one water closet for each building.

In addition to the frontage rents there are numerous miscellaneous rates charged where the supply is not metered. These include charges for extra baths and water closets, bakeries, fish stands, barges without steam, laundries, liquor and lager beer

saloons, milk depots, soda and mineral water fountains, florists, photograph galleries, dentists, fountains, etc., etc., all of which are included in table "B, Frontage Rate Revenue."

The charges for extra baths and extra water closets together constitute about 52 per cent. of the entire amount of "frontage rate revenue." The charge for extra families makes up about 13 1/2 per cent. of the entire "frontage rate revenue."

## (C) Water for Miscellaneous Purposes.

The revenues from this source for the years 1913 to 1916, inclusive, are as follows:

	1916.	1915.	1914.	1913.
Building Purposes	\$201,503 18	\$167,838 74	\$180,818 32	\$181,779 10
Hose Permits	18,810 00	20,335 00	19,232 62	9,835 00
Shipping	53,131 48	46,087 06	46,220 66	43,982 66
Street Sprinkling	2,878 16	4,795 10	4,867 31	5,372 32
Totals	\$276,322 82	\$239,055 90	\$251,138 91	\$240,969 08
Comparisons with Preceding Years.	Increase or *Decrease. Cent.			
Building Purposes	\$33,664 44 20.06	\$12,979,58 *7.18	\$960 78 *0.53	
Hose Permits	*1,525 00 *7.49	1,102 38 5.73	9,397 62 95.57	
Shipping	7,044 42 15.28	*133 60 *0.29	2,238 00 5.08	
Street Sprinkling	*1,916 94 *39.98	*72 21 *1.48	*505 01 *9.40	
Totals	\$37,266 92 15.59	\$12,083 01 *4.81	\$10,169 83 4.22	

Building Purposes—Water used in connection with the stone, brick and plaster for construction work.

Hose Permits—The charge made by the City for each hose permit during the period covered by this report was \$5.

Shipping—Represents the revenues from water sold to steam lighters, tugboats, yachts, etc.

Street Sprinkling—These revenues represent water sold for private sprinkling carts in residential districts.

Careful estimates made by the department covering the consumption of water on all free services, including private institutions exempt from payment of water rents, public buildings and municipal usage for street and miscellaneous purposes, indicate that the daily consumption for these purposes is nearly 44 million gallons and that the annual value at the regular meter rate of this water is upwards of \$2,148,000.

## (D) Other Miscellaneous Revenues.

The income from sources other than water is tabulated below:

	1916.	1915.	1914.	1913.
Sale of Ashes	\$2,334 76	\$2,668 19	\$1,624 00	\$892 75
Sale of Old Materials	8,825 06	15,483 92	16,137 56	8,454 62
Pole Licenses and Rentals	1,771 28	1,914 62	1,764 33	2,030 50
Electric Licenses and Permits	19,776 00	11,812 00	.....	.....
Repairs to Lamp Posts	4,186 41	601 12	884 45	712 50
Miscellaneous	3,782 21	3,165 98	1,039 78	164 52
Totals	\$40,675 72	\$35,645 83	\$21,450 12	\$12,254 89

Sale of Ashes—These ashes are from the various pumping stations.

Sale of Old Materials—Accumulated junk from equipment and old materials at storage points.

Pole Licenses, etc.—The department makes a small initial charge for telegraph and telephone poles placed by private parties on property of the City, under the department's jurisdiction, and a small annual charge per pole thereafter.

Electric Licenses and Permits—Represents revenue from master electrician's and electricians' special licenses, special permits, renewals, etc. Masters original licenses are issued for \$10 and \$5 for each renewal. Special licenses, permits and renewals are

**Expenditures.**  
**(F) GENERAL ADMINISTRATION—COMPARATIVE SUMMARY STATEMENT OF EXPENDITURES FOR THE YEARS 1913 TO 1916, INCLUSIVE.**

	1916.		1915.		1914.		1913, Expendi- tures.
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	
<i>General Administration.</i>							
1. Executive, Office of Commissioner and Deputy Commissioners	\$107,828 07	*\$14,931 76	\$122,759 83	*\$3,693 31	\$126,453 14	\$6,387 86	\$120,065 28
2. Audit and Accounts, Auditing Bureau	36,834 57	*13,035 59	49,870 16	*7,304 94	57,175 10	1,719 30	55,455 80
3. Purchase and Storage of Supplies, Bureau of Supplies and Storehouses	66,387 58	1,427 08	64,960 50	16,476 24	48,484 26	*7,630 11	56,114 37
4. General, Motor Vehicles (Undistributed)	81,908 85	23,638 73	58,270 12	17,159 73	41,110 39	3,302 41	37,807 98
Total	\$292,959 07	*\$2,901 54	\$295,860 61	\$22,637 72	\$273,222 89	\$3,779 46	\$269,443 43

Below is a more detailed consideration of the elements that make up the foregoing expenditures:

(1) *Executive.*

<i>Operation.</i>							
Salaries and Wages	\$87,684 02	*\$2,638 55	\$90,322 57	\$8,426 07	\$81,896 50	*\$3,220 19	\$85,116 69
Supplies, etc.	779 22	*642 86	1,422 08	*621 12	2,043 20	*365 89	2,409 09
Miscellaneous	17,926 40	*11,870 25	29,796 65	*9,343 03	39,139 68	7,368 50	31,771 18
Totals	\$106,389 64	*\$15,151 66	\$121,541 30	*\$1,538 08	\$123,079 38	\$3,782 42	\$119,296 96
<i>Maintenance.</i>							
Labor	\$504 31	\$415 87	\$88 44	*\$176 91	\$265 35	\$26 90	\$238 45
Materials and Supplies	360 48	283 39	77 09	*142 23	219 32	*63 81	283 13
Contract or Open Order	573 64	296 51	277 13	*806 35	1,083 48	836 74	246 74
Totals	\$1,438 43	\$995 77	\$442 66	*\$1,125 49	\$1,568 15	\$799 83	\$768 32
Purchase of Equipment	.....	*\$775 87	\$775 87	*\$1,029 74	\$1,805 61	\$1,805 61	.....
Grand Totals	\$107,828 07	*\$14,931 76	\$122,759 83	*\$3,693 31	\$126,453 14	\$6,387 86	\$120,065 28

The apparent reduction in 1916 of \$14,931.76 is mainly due to the readjustment of distribution of charges in miscellaneous accounts. Prior to 1916, total postage expenditures were charged to this account. In 1916, \$11,648.06 was charged to Purchase and Storage of Supplies, etc., Miscellaneous, which created a corresponding increase in that account. The decrease of \$9,343.03 in 1915 in Miscellaneous account is the result of reduction in Special Services, Incidental and Telephone Service.

(2) *Audit and Accounts.*

<i>Operation.</i>							
Salaries and Wages	\$35,602 05	*\$13,175 41	\$48,777 46	*\$6,521 11	\$55,298 57	\$3,730 40	\$51,568 17
Supplies	483 31	154 39	328 92	*528 61	857 53	523 10	334 43
Miscellaneous	602 96	239 11	363 85	*242 59	606 44	*2,148 63	2,755 07
Totals	\$36,834 57	*\$13,035 59	\$49,470 23	*\$7,292 31	\$56,762 54	\$2,104 87	\$54,657 67
<i>Maintenance.</i>							
Labor	.....	.....	\$38 75	\$38 75	.....	*\$8 25	\$8 25
Materials and Supplies	\$17 50	*\$48 99	50	50	.....	*449 43	449 43
Contract or Open Order	128 75	128 75	27 24	*19 12	\$46 36	*294 09	340 45
Totals	\$146 25	\$79 76	\$66 49	\$20 13	\$46 36	*\$751 77	\$798 13
Purchase of Equipment	.....	*\$333 44	\$333 44	*\$32 76	\$366 20	\$366 20	.....
Grand Totals	\$36,834 57	*\$13,035 59	\$49,470 16	*\$7,304 94	\$57,175 10	\$1,719 30	\$55,455 80

Decreases of \$13,035.59 for 1916 and \$7,304.94 for 1915, chiefly due to reduction in the force and salaries.

(3) *Purchase and Storage of Supplies.*

<i>Operation.</i>							
Salaries and Wages	\$51,806 46	*\$11,066 37	\$62,872 83	\$16,359 93	\$46,512 90	*\$1,302 79	\$47,815 69
Supplies, etc.	571 05	162 78	408 27	*161 90	570 17	*580 62	1,150 79
Miscellaneous	12,585 21	12,089 58	495 63	80 77	414 86	389 86	25 00
Totals	\$64,962 72	\$1,185 99	\$63,776 73	\$16,278 80	\$47,497 93	*\$1,493 55	\$48,991 48
<i>Maintenance.</i>							
Labor	\$102 50	*\$944 53	\$1,047 03	\$206 83	\$840 20	*\$5,744 89	\$6,585 09
Materials and Supplies	285 86	223 22	62 64	19 72	42 92	*428 33	471 25
Contract or Open Order	1,036 50	962 40	74 10	*29 11	103 21	36 66	66 55
Totals	\$1,424 86	\$241 09	\$1,183 77	\$197 44	\$986 33	*\$6,136 56	\$7,122 89
Grand Totals	\$66,387 58	\$1,427 08	\$64,960 50	\$16,476 24	\$48,484 26	*\$7,630 11	\$56,114 37

The principal increase is in Salaries and Wages during 1915, due to the transfer of employees from distribution division and to the employment of additional help. The decrease in 1916 is chiefly due to the reduction of force and salaries. The increase in miscellaneous is due to the readjustment of postage expenditures, changed from Executive to Purchase and Storage of Supplies, etc., \$11,648.06 of the increase being offset by a corresponding decrease in Executive "Miscellaneous" accounts.

(4) *General Motor Vehicle Service.*

<i>Operation.</i>							
Salaries and Wages	\$46,228 04	\$11,537 97	\$34,690 07	\$10,115 02	\$24,575 05	\$5,852 30	\$18,722 75
Supplies, etc.	16,320 30	9,830 74	6,489 56	2,254 70	4,234 86	323 03	3,911 83
Miscellaneous	1,599 39	1,142 60	456 79	58 80	397 99	5 85	392 14
Totals	\$64,147 73	\$22,514 31	\$41,636 42	\$12,428 52	\$29,207 90	\$6,181 18	\$23,026 72
<i>Maintenance.</i>							
Labor	\$7,021 71	\$60 36	\$6,961 35	\$2,673 04	\$4,288 31	*\$339 96	\$4,628 27
Materials and Supplies	8,173 91	86 91	8,087 00	1,522 85	6,564 15	*661 23	7,225 38
Contract or Open Order	2,565 50	980 15	1,585 35	535 32	1,050 03	*1,877 58	2,927 61
Totals	\$17,761 12	\$1,127 42	\$16,633 70	\$4,731 21	\$11,902 49	*\$2,878 77	\$14,781 26
Grand Totals	\$81,908 85	\$23,638 73	\$58,270 12	\$17,159 73	\$41,110 39	\$3,302 41	\$37,807 98

These increases are due to the motorization of the department. In 1915, 31 additional automobiles were purchased, which necessitated additional employees. The increase in 1916 would account for a full year's maintenance of those purchased in 1915 plus the increased number maintained in 1916.

(G) *WATER SUPPLY—SUMMARY STATEMENT OF EXPENDITURES FOR THE YEARS 1913 TO 19*

	1916.	1915.	1914.	1913,			
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.
Supplies, etc. ....	2,361 60	844 95	1,516 65	*158 15	1,674 80	*1,369 43	3,044 23
Miscellaneous ....	2,904 80	*998 31	3,803 11	*2,157 63	5,960 74	*4,083 98	10,044 72
Totals.....	\$89,352 56	*\$7,643 38	\$96,995 94	\$6,018 59	\$90,977 35	\$439 69	\$90,537 66
<i>Maintenance.</i>							
Labor .....	\$49 75	*\$144 00	\$193 75	*\$697 88	\$891 63	\$891 63	.....
Materials and Supplies.....	386 40	238 46	147 94	*69 71	217 65	217 65	.....
Contract or Open Order.....	128 03	*242 35	370 38	*284 72	655 10	421 26	\$233 84
Totals.....	\$564 18	*\$147 89	\$712 07	*\$1,052 31	\$1,764 38	\$1,530 54	\$233 84
Purchase of Equipment .....	.....	*\$1,400 48	\$1,400 48	\$852 75	\$547 73	\$547 73	.....
Grand Totals .....	\$89,916 74	*\$9,191 75	\$99,108 49	\$5,819 03	\$93,289 46	\$2,517 96	\$90,771 50

The increase in 1915 of \$5,819.03 is attributed to the transfer of employees from corporate stock to tax levy and water revenue payrolls.

(2) Collection and Storage System.

	Operation.	1916.	1915.	1914.	1913,		
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.
Salaries and Wages .....	\$227,740 67	\$31,597 93	\$196,142 74	\$59,852 87	\$136,289 87	*\$9,937 35	\$146,227 22
Supplies, etc. ....	50,278 17	7,643 74	42,634 43	3,408 93	39,225 50	6,222 20	33,003 30
Special Contracts .....	.....	*897 50	897 50	*312 65	1,210 15	*5,947 82	7,157 97
Miscellaneous .....	14,996 87	*13,862 34	28,859 21	9,744 18	19,115 03	*4,149 21	23,264 24
Totals.....	\$293,015 71	\$24,481 83	\$268,533 88	\$72,693 33	\$195,840 55	*\$13,812 18	\$209,652 73
<i>Maintenance.</i>							
Labor .....	\$35,697 83	*\$55,623 77	\$91,321 60	*\$116,209 92	\$207,531 52	\$6,290 30	\$201,241 22
Materials and Supplies .....	11,764 43	*2,818 15	14,582 58	1,213 05	13,369 53	*7,531 24	20,900 77
Contract or Open Order .....	8,741 62	6,565 56	2,176 06	1,042 81	1,133 25	*9,074 67	10,207 92
Totals.....	\$56,203 88	*\$51,876 36	\$108,080 24	*\$113,954 06	\$222,034 30	*\$10,315 61	\$232,349 91
Purchase of Equipment .....	.....	*\$313 56	\$313 56	*\$1,346 63	\$1,660 19	\$1,660 19	.....
Grand Totals .....	\$349,219 59	*\$27,708 09	\$376,927 68	*\$42,607 36	\$419,535 04	*\$22,467 60	\$442,002 64

(3a) Pumping—Low Pressure.

	Operation.	1916.	1915.	1914.	1913,		
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.
Salaries and Wages .....	\$642,185 46	\$7,349 49	\$634,835 97	*\$3,634 56	\$638,470 53	*\$31,610 92	\$670,081 45
Supplies, etc. ....	686,213 69	174,734 32	511,479 37	*45,246 47	556,725 84	29,286 54	527,439 30
Special Contracts .....	9,829 11	*817 39	10,646 50	*3,255 83	13,902 33	1,898 12	12,004 21
Totals.....	\$1,338,228 26	\$181,266 42	\$1,156,961 84	*\$52,136 86	\$1,209,098 70	*\$426 26	\$1,209,524 96
<i>Maintenance.</i>							
Labor .....	\$61,004 50	*\$5,815 40	\$66,819 90	*\$22,688 73	\$89,508 63	*\$32,435 06	\$121,943 69
Materials and Supplies .....	17,444 98	*9,708 27	27,153 25	*5,533 92	32,687 17	3,201 03	29,486 14
Contract or Open Order .....	20,767 54	*23,813 28	44,580 82	*556 66	45,137 48	*35,648 50	80,785 98
Totals .....	\$99,217 02	*\$39,336 95	\$138,553 97	*\$28,779 31	\$167,333 28	*\$64,882 53	\$232,215 81
Overhead (Work undistributed).....	\$34,444 85	\$940 32	\$33,504 53	*\$1,276 63	\$34,781 16	*\$12,730 92	\$47,512 08
Grand Totals .....	\$1,471,890 13	\$142,869 79	\$1,329,020 34	*\$82,192 80	\$1,411,213 14	*\$78,039 71	\$1,489,252 85

(3b) Pumping—High Pressure.

	Operation.	1916.	1915.	1914.	1913,		
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.	Expenditures.
Salaries and Wages .....	\$73,975 83	\$461 58	\$73,514 25	*\$295 19	\$73,809 44	*\$2,427 07	\$76,236 51
Supplies, etc. ....	24,249 91	*575 04	24,824 95	2,538 23	22,286 72	*3,962 24	26,248 96
Power (Electric current and gas)†.....	78,003 30	*29,054 03	107,057 33	*25,124 91	132,182 24	2,223 98	129,958 26
Totals.....	\$176,229 04	*\$29,167 49	\$205,396 53	*\$22,881 87	\$228,278 40	*\$4,165 33	\$232,443 73
<i>Maintenance.</i>							
Labor .....	\$994 07	*\$285 56	\$1,279 63	\$381 76	\$897 87	*\$2,132 38	\$3,030 25
Materials and Supplies .....	535 45	*648 32	1,183 77	477 47	706 30	*1,736 01	2,442 31
Contract or Open Order .....	375 97	*158 93	534 90	*2,510 74	3,045 64	*3,643 14	6,688 78
Totals .....	\$1,905 49	*\$1,092 81	\$2,998 30	*\$1,651 51	\$4,649 81	*\$7,511 53	\$12,161 34
Overhead (Undistributed) .....	.....	.....	.....	*\$770 52	\$770 52	*\$1,892 84	\$2,663 36
Grand Totals .....	\$178,134 53	*\$30,260 30	\$208,394 83	*\$25,303 90	\$233,698 73	*\$13,569 70	\$247,268 43
Total Cost of Low and High Pressure Pumping...	\$1,650,024 66	\$112,609 49	\$1,537,415 17	*\$107,496 70	\$1,644,911 87	*\$91,609 41	\$1,736,521 28

†The cost of electric current for power and standby charges are also included in the expenditures of the Bureau of Gas and Electricity. The increase of 1916 in Pumping—Low Pressure is accounted for by the increased cost of supplies, mainly fuel, \$174,734.32. This is reduced by various decreases to \$142,869.79 for Low Pressure Pumping and to \$112,609.49 for both Low and High Pressure. A comparison of the cost of fuel for years 1916 and 1915 is shown below.

	Gross Tons Purchased.	Average Cost per Ton.	Total Cost.
1916.....	167,738	\$3 97	\$666,069 00
1915.....	155,609	3 20	498,152 00
Increases.....	12,129	\$0 77	\$167,917 00

The decreases for 1916 and 1915 in the High Pressure Pumping are mainly due to reductions of \$28,800 and \$26,000, respectively, in the standby charges. This matter is taken up in detail in the Gas and Electricity Bureau section of this report.

Pumping—High Pressure represents the cost of operating and maintaining the High Pressure Fire Service Stations. There are two stations in Manhattan, one at Oliver and South Streets, the other at Gansevoort and West Streets, and three stations in

(4) Distribution, Exclusive of High Pressure System.

	1916.	1915.	1914.	1913,			
	Expenditures.	Increase or \*Decrease.	Expenditures.	Increase or \*Decrease.	Expenditures.	Increase or \*Decrease.	Expenditures.


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The statistics below show a comparison of the costs of distribution per thousand of population served in 1913 and 1916 in the various boroughs of the city; also the square miles of territory served and the population served per square mile.

	Total Population.	Population Served.	Cost of Distribution.	Cost Per Thousand of Population Served.
Manhattan and The Bronx.....	3,210,100	3,210,100	\$380,522 42	\$118 54
Brooklyn .....	1,928,432	1,789,971	202,403 96	113 07
Queens .....	366,426	127,516	31,636 90	218 13
Richmond .....	97,883	96,875	30,957 99	319 56
<b>Totals .....</b>	<b>5,602,841</b>	<b>5,224,462</b>	<b>\$645,521 27</b>	<b>\$123 56</b>
	1913.			
Manhattan and The Bronx.....	2,993,821	2,993,821	\$391,844 07	\$130 87
Brooklyn .....	1,786,325	1,637,734	332,713 58	203 12

	Total Population.	Population Served.	Cost of Distribution.	Cost Per Thousand of Population Served.
Queens .....	326,616	109,640	52,759 58	479 63
Richmond .....	92,126	92,126	30,963 55	336 56
<b>Totals .....</b>	<b>5,198,888</b>	<b>4,833,321</b>	<b>\$808,280 78</b>	<b>\$167 24</b>

	Cost of Distribution Per Thousand of Population Served.		Square Miles Served	Population Served	
	1916.	1913.	Increase or *Decrease.	by Department.	
Manhattan and The Bronx .....	\$118 54	\$130 87	*\$12 33	60 25	49,690
Brooklyn .....	113 07	203 12	*90 05	72 84	22,484
Queens .....	218 13	479 63	*261 50	38 04	2,882
Richmond .....	319 56	336 56	*17 00	57 19	1,611

## (5) Fire Hydrant Rental.

	1916.	1915.	1914.	1913,
	Appropriations.	Increase or *Decrease.	Appropriations.	Increase or *Decrease.
Brooklyn .....	\$31,200 00	*\$752 00	\$31,952 00	\$1,952 00
Queens .....	99,620 00	*648 00	100,268 00	6,268 00
Richmond .....	.....	.....	.....	.....
<b>Totals .....</b>	<b>\$130,820 00</b>	<b>*\$1,400 00</b>	<b>\$132,220 00</b>	<b>\$8,220 00</b>

This represents the appropriations for hydrant service in territories of Brooklyn and Queens which are supplied by private water companies only. It includes fire protection, street sprinkling, washing, etc. The figures in the foregoing statement represent the budget allowances. The actual payments made to the various companies are shown to be as follows:

	1916.	1915.	1914.	1913.
Woodhaven Water Supply Co.....	\$17,603 66	\$17,328 23	\$16,967 35	\$16,556 13
Jamaica Water Supply Co.....	36,742 70	36,234 00	36,036 00	34,771 50
Citizens' Water Supply Co.....	17,943 79	27,379 99	25,872 99	24,760 31
Queens County Water Co.....	35,676 95	26,039 29	12,304 44	10,260 00
South Shore Water Co. of Staten Island .....	.....	.....	270 00	.....
Flatbush Water Works Co.....	†\$30,000 00	30,000 00	30,000 00	30,000 00
<b>Totals .....</b>	<b>\$137,967 10</b>	<b>\$136,981 51</b>	<b>\$121,180 78</b>	<b>\$116,617 94</b>

†This amount, which represents a flat rate, includes water for municipal institutions (excepting county hospitals) as well as fire hydrant rentals.

In addition to the above, \$10,491.50 was allowed to the Blythebourne Water Company for hydrant rentals during the years 1910, 1911, 1912, 1913, 1914 and up to May 17, 1915, as determined by the Corporation Counsel and the Comptroller in settlements with the company dated February 27, 1914, and October 21, 1915.

The reason for the increase in 1915 and 1916 with respect to the Queens County Water Company is as follows:

"Previous to June 1, 1915, the City had been paying this company at the rate of \$20 per hydrant, following the rate established by certain old contracts which expired many years ago. On the date mentioned the Commissioner of Water

Supply, Gas and Electricity, in the exercise of the power conferred upon him by section 472 of the Charter, readjusted and fixed this company's rates for domestic and business uses and fire protection. This adjustment was based upon a valuation of the company's property and an examination of its books. The effect of the adjustment was to decrease the water rates to private consumers approximately \$30,000 a year, and to increase the City's payment for fire protection, as shown in the table. These payments are made on the basis of a lump sum of \$30,000 per annum for general fire protection, and \$8.70 as the annual rental for each hydrant in service."

The apparent decrease in 1916 with reference to payments to the Citizens' Water Supply Company is accounted for as follows:

"Since February 1, 1914, this company has been using as a part of its own distribution system one of the City's trunk mains in Queens Boulevard. The amount to be charged the company for such use remained undetermined for about two years. The matter was finally adjusted in connection with an order issued by the Commissioner under date of February 4, 1916, requiring certain connections to be established between the company's mains and the City's mains, and thereafter, under date of November 27, 1916, the Commissioner filed a certificate to the effect that the fair compensation due from the company to the City for the use of the main above referred to was \$6,442.65 per annum subsequent to May 1, 1916, when the main came into full use. The amount due for the period between February 1, 1914, and May 1, 1916, had previously been fixed at a smaller rate because of the partial use of the main during that time. Accordingly, from the amounts due the company on account of hydrant service for the year 1916 were deducted the amounts due from the company to the City on account of the use of this main from February 1, 1914, to December 31, 1916, aggregating \$11,917.88. The true payment to the company on account of hydrant rentals in 1916 was therefore \$29,861.67, instead of the actual payment shown in the table."

## (6) Analyzing and Testing—Laboratories.

	1916.	1915.	1914.	1913,
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.
<i>Operation.</i>				
Salaries and Wages .....	\$25,409 47	*\$6,880 28	\$32,289 75	\$7,062 30
Supplies, etc. ....	1,611 62	233 85	1,377 77	*69 50
Miscellaneous .....	2,007 31	*238 70	2,246 01	*33 87
<b>Totals .....</b>	<b>\$29,028 40</b>	<b>*\$6,885 13</b>	<b>\$35,913 53</b>	<b>\$6,958 93</b>
<i>Maintenance.</i>				
Labor .....	\$1,016 18	\$787 37	\$228 81	*\$19 00
Materials and Supplies .....	250 14	*425 69	675 83	530 88
Contract or Open Order .....	255 51	112 81	142 70	*936 32
<b>Totals .....</b>	<b>\$1,521 83</b>	<b>\$474 49</b>	<b>\$1,047 34</b>	<b>*\$424 44</b>
Purchase of Equipment .....	.....	*\$636 74	\$636 74	*\$228 61
<b>Grand Totals .....</b>	<b>\$30,550 23</b>	<b>*\$7,047 38</b>	<b>\$37,597 61</b>	<b>\$6,305 88</b>

Increase in 1915 is due to additional work carried on in the laboratories. Salaries and Wages increased \$7,062.30 and Supplies \$530.88. Decreases in other accounts leave a net increase of \$6,305.88.

## (7A) Undistributed—Machine Shops.

	1916.	1915.	1914.	1913,
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.
<i>Operation.</i>				
Salaries and Wages .....	\$10,740 89	\$1,193 50	\$9,547 39	*\$224 44
Supplies, etc. ....	3,511 52	1,420 87	2,090 65	*1,025 89
Miscellaneous .....	.....	*9 00	9 00	*9 59
<b>Totals .....</b>	<b>\$14,252 41</b>	<b>\$2,605 37</b>	<b>\$11,647 04</b>	<b>*\$1,259 92</b>
<i>Maintenance.</i>				
Labor .....	\$1,318 33	*913 82	\$2,232 15	\$112 18
Materials and Supplies .....	79 56	*99 39	178 95	*988 50
Contract or Open Order .....	1 40	*62 10	63 50	*73 75
<b>Totals .....</b>	<b>\$1,399 29</b>	<b>*\$1,075 31</b>	<b>\$2,474 60</b>	<b>*\$950 07</b>
<b>Totals (Shops) .....</b>	<b>\$15,651 70</b>	<b>\$1,530 06</b>	<b>\$14,121 64</b>	<b>*\$2,209 99</b>

The increase of \$2,685.09 in Salaries and Wages in 1914 represents shop labor and the increase of \$590.65 in Supplies, etc., is due mainly to increased cost of fuel.

## (7B) Undistributed—Stables.

	1916.	1915.	1914.	1913,
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.
<i>Operation.</i>				
Salaries .....	\$3,244 48	*\$521 10	\$3,765 58	*\$

*Recoverable Expenses.*

The expenditures charged to this account represent the cost of work done for private parties, such as tapping, locating leaks, opening and closing mains, materials, labor, etc. The cost of tapping is collected in advance, but the other charges are billed to the individuals for whom the work is done. As these expenditures are presumed to be recoverable, they have not been included in the expenses of the department. The following schedule shows the charges to this account during the year 1916:

	Manhattan and The Bronx.	Brooklyn.	Queens.	Richmond.	All Boroughs.
<i>Tapping Charges—</i>					
Labor .....	\$7,255.82	\$4,182.99	\$3,787.96	\$1,331.37	\$16,558.14
Materials .....	9,601.86	1,578.21	147.85	84.36	11,412.28
Contract or Open Order .....	12.20	.....	.....	.....	12.20
Totals .....	\$16,869.88	\$5,761.20	\$3,935.81	\$1,415.73	\$27,982.62

## (H) WATER REVENUE COLLECTIONS.

The Expenditures in Connection With the Water Revenue Collections for the Years 1913 to 1916, Inclusive, Are Shown in the Following Summary, and Its Supporting Schedules.

	1916.	1915.	1914.	1913, Expendi- tures.
	Expenditures.	Increase or *Decrease.	Expenditures.	Increase or *Decrease.
1. Administration .....	\$232,186.62	*\$27,118.53	\$259,305.15	*\$25,328.54
2. Inspection—				
(a) General .....	\$290,331.08	\$6,677.79	283,653.29	*\$43,666.07
(b) Meter Testing Stations .....	21,662.84	*16,323.74	37,986.58	*5,161.06
(c) Patrol Boat .....	.....	*1,724.41	1,724.41	*3,744.14
Totals .....	\$544,180.54	*\$38,488.89	\$582,669.43	*\$77,899.81

The foregoing expenditures are shown in detail in the following supporting schedules.

## (1) Administration.

Salaries and Wages .....	\$224,119.34	*\$29,082.79	\$253,202.13	*\$17,646.67	\$270,848.80	*\$10,748.88	\$281,597.68
Supplies, etc. ....	1,942.07	1,304.75	637.32	*410.99	1,048.31	*420.27	5,255.58
Miscellaneous, etc. ....	3,399.13	2,262.38	1,136.75	*4,545.19	5,681.94	*3,683.44	9,365.38
Repairs and Replacements .....	2,726.08	1,924.85	801.23	*1,857.57	2,658.80	1,708.86	949.94
Purchase of Equipment .....	.....	*3,527.72	3,527.72	*868.12	4,395.84	4,395.84	.....
Totals .....	\$232,186.62	*\$27,118.53	\$259,305.15	*\$25,328.54	\$284,633.69	*\$12,534.89	\$297,168.58

## (2a) Inspection—General.

Salaries and Wages .....	\$282,742.71	\$6,677.79	\$274,064.92	*\$41,415.32	\$315,480.24	*\$16,088.71	\$331,568.95
Supplies, etc. ....	2,853.87	1,179.55	1,674.32	848.76	825.56	*210.50	1,036.06
Miscellaneous, etc. ....	4,625.64	*2,868.95	7,494.59	*3,219.16	10,713.75	3,010.78	7,702.97
Repairs and Replacements .....	108.86	*211.95	320.81	64.40	256.41	248.31	8.10
Purchase of Equipment .....	.....	*98.65	98.65	.55.25	43.40	43.40	.....
Totals .....	\$290,331.08	\$6,677.79	\$283,653.29	*\$43,666.07	\$327,319.36	*\$12,996.72	\$340,316.08

Increase in 1916 in salaries, \$8,677.79, due to transfer of a number of Inspectors from Bureau of Water Supply to the Water Register's Bureau.

## (2b) Inspection (Meter Testing Stations).

Salaries and Wages .....	\$19,578.54	*\$11,102.11	\$30,680.65	*\$3,124.08	\$33,804.73	*\$3,090.14	\$36,894.87
Supplies, etc. ....	958.60	*1,189.09	2,147.69	312.52	1,835.17	*2,345.38	4,180.55
Miscellaneous, etc. ....	586.50	*3,707.41	4,293.91	*1,974.86	6,268.77	1,874.73	4,394.04
Repairs and Replacements .....	539.20	*318.13	857.33	306.91	550.42	26.38	524.04
Purchase of Equipment .....	.....	*7.00	7.00	*681.55	688.55	688.55	.....
Totals .....	\$21,662.84	*\$16,323.74	\$37,986.58	*\$5,161.06	\$43,147.64	*\$2,845.86	\$45,993.50

## (2c) Inspection (Patrol Boat).

Salaries and Wages .....	.....	*\$1,341.44	\$1,341.44	*\$1,855.93	\$3,197.37	\$67.25	\$3,130.12
Supplies, etc. ....	.....	*308.19	308.19	*457.33	765.52	*726.03	1,491.55
Miscellaneous, etc. ....	.....	*3.23	3.23	*14.48	17.71	17.71	.....
Repairs and Replacements .....	.....	*71.55	71.55	*1,479.70	1,479.70	989.48	490.22
Purchase of Equipment .....	.....	.....	.....	.....	8.25	8.25	.....
Totals .....	.....	*\$1,724.41	\$1,724.41	*\$3,744.14	\$5,468.55	\$356.66	\$5,111.89

The Patrol Boat was withdrawn from service June 23, 1915, and transferred to the Police Department.

## (I) TAXES ACCRUED.

The City pays approximately \$175,000 in taxes on lands connected with the existing water supply system in Westchester and Putnam Counties and approximately \$65,000 on lands in Nassau County. In many instances the City's lands are assessed at a much higher rate than adjacent and similarly situated privately owned lands, and, in addition, the City pays assessments on structures such as dams and gate houses which are generally considered by other States to be investments on which no taxes should be levied. Court proceedings are continuously being prosecuted to compel fairer assessments on City property.

The figures exhibited by the Department in its annual reports for taxes levied by various towns upon the properties owned by the City are the appropriations made

*Statement of Valuation of Landed and Non-landed Property as at December 31, 1915,*

for this purpose for the years mentioned, inasmuch as the taxes actually levied were not, in most instances, known until after the close of the year against which they were chargeable. Levies for the years in question are not all final, as the City is still contesting the assessments.

A comparison of these appropriations and accruals is shown in the following table:

	1916.	1915.	1914.	1913.
Budget Allowance .....	\$235,000.00	\$235,000.00	\$200,000.00	\$195,800.00
Charges Accrued .....	227,458.50	258,527.34	216,979.45	262,399.02

*and December 31, 1916, Exclusive of the New System (Board of Water Supply).*

Class of Property.	Valuation, December 31, 1915.	Annual Depreciation.		Net Amount.	Additions During 1916.	Valuation, December 31, 1916.
		Rate. Per Cent.	Amount.			
<i>Non-landed Property—Including Collection and Storage System, Reservoir, Infiltration Galleries, Water Filtration Plants, Sewage Disposal Plants, Chlorinating Plants, etc. ....</i>						
	\$74,650,257.64	1	\$746,502.58	\$73,903,755.06	\$8,051.36	\$73,911,806.42
<i>Pumping—Buildings .....</i>						
Buildings .....	\$2,742,142.52	2	\$54,842.85	\$2,687,299.67	\$2,610.00	\$2,689,909.67
Machinery .....	2,934,804.70	5	146,740.24	2,788,064.46	25,301.52	2,813,365.98

During the year 1913 the Bureau of Municipal Investigations and Statistics made an investigation to determine the actual expenditures paid from corporate stock funds on all property under the jurisdiction of the Department of Water Supply, Gas and Electricity as at December 31, 1913. These expenditures have been adjusted to include the years 1914, 1915 and 1916.

*Summary Statement Showing the Total Cost of the Water Supply System of The City of New York.*

Old and New Croton Systems, Bronx and Byram, prior to 1898.....	\$86,359,562 09
City of Brooklyn, prior to 1899.....	24,411,249 76
Long Island City, prior to 1899.....	469,109 25
Village of Flushing, prior to 1899.....	330,074 29
Village of College Point, prior to 1899.....	247,803 89
Village of Whitestone, prior to 1899.....	95,206 91
Village of Tottenville, prior to 1899.....	34,019 87
Department of Water Supply, Gas and Electricity, after 1898.....	56,340,938 53
Aqueduct Commission, after 1898.....	30,300,147 94
Commission of Engineers, after 1898.....	190,758 53

Total Cost of Old System to Dec. 31, 1916..... \$198,778,871 06

Add—Total Cost of New System (Board of Water Supply) to December, 1916..... 133,902,511 87

Total Cost of Combined Systems to December 31, 1916..... \$332,681,382 93

*Interest During Construction of the Catskill Water Supply System.*

The cost of interest during construction of the Catskill water supply system up to December 31, 1916, is approximately as follows:

*Statement of Water Bonds Outstanding, Old and New Systems.*

	Total Amount of Bonds and Corporate Notes Outstanding.	Old System.		New System. Exempt.
		Exempt.	Non-Exempt.	
Payable from the Water Sinking Fund of the City of New York under the provisions of section 10, article 8, of the Constitution of the State of New York, and section 208 of the Greater New York Charter.....	\$216,975,272 84	\$56,905,774 35	\$28,734,052 88	\$131,335,445 61
Payable from the Sinking Fund for the Redemption of the City Debt under the provisions of section 229 of the Greater New York Charter.....	650,000 00	.....	650,000 00	.....
Payable from the Sinking Fund for the Redemption of the City Debt No. 1 under the provisions of section 213 of the Greater New York Charter.....	445,000 00	.....	445,000 00	.....
Payable from the Water Sinking Fund of the City of Brooklyn under the provisions of chapter 396 of the Laws of 1859 and acts amendatory thereof and supplementary thereto.....	2,067,894 76	.....	2,067,894 76	.....
Payable from the Water Revenues of Long Island City for the Redemption of Water Bonds under the provisions of section 10, article 8, of the Constitution of the State of New York.....	160,000 00	.....	160,000 00	.....
Payable from Taxation, Village of Flushing.....	16,000 00	.....	16,000 00	.....
Payable from Water Revenue, Village of College Point.....	36,000 00	.....	36,000 00	.....
Payable from Water Revenue, Village of Whitestone.....	60,500 00	.....	60,500 00	.....
Payable from Taxation, Village of Tottenville.....	12,000 00	.....	12,000 00	.....
Total Bonds Outstanding December 31, 1916.....	\$220,422,667 60	\$56,905,774 35	\$32,181,447 64	\$131,335,445 61
Add Corporate Stock Notes issued and allotted in anticipation of the sale of Corporate Stock to provide for the supply of water.....	3,396,898 64	523,946 00	.....	2,872,952 64
<b>Totals .....</b>	<b>\$223,819,566 24</b>	<b>\$57,429,720 35</b>	<b>\$32,181,447 64</b>	<b>\$134,208,398 25</b>

Bureau of Gas and Electricity.	
<i>Lighting of Streets and Parks.</i>	
On December 31, 1916, there were being lighted in Greater New York 2,749 miles of streets, 10 square miles of parks and about 10 miles of bridges. The number of lamps in service was 80,831, divided into classes as follows:	
Street Lighting—	
Electric—	
Gas Filled Tungsten.....	22,618
Incandescent—	
Street Lamps.....	33,511
Fire Alarm Lamps.....	478
Police Signal Lamps.....	26
Mayor's Lamps.....	12
	34,027
Gas—	
Mantle Lamps.....	16,906
Open Flame Lamps.....	2
Fire Alarm Lamps.....	792
Naphtha—	
Mantle Lamps.....	140
Total Street Lighting .....	74,485
Park Lighting—	
Electric—Incandescent .....	4,032
Bridge Lighting—	
Electric—Incandescent .....	*2,314
Total Lamps in Service Dec. 31, 1916.....	*80,831

\*Of these, 2,164 lamps are on metered service and are included in the public building lighting.

In addition to the above, 36 electric arc and 195 incandescent lamps are furnished free of charge by the companies in accordance with their franchise requirements.

*Light and Power to Public Buildings.*

There are about 2,600 public buildings and structures of which the inspection and control of light, heat and power devolves upon the Department of Water Supply, Gas and Electricity. Besides the illumination of buildings the electric current supplied is used for such other purposes as the opening of the various drawbridges over the rivers and creeks, the operating of elevators, cranes and hoists, and machinery and appliances used in the many institutions and departments, the charging of storage batteries for electric auto trucks and search lights on fire apparatuses, the operating of high pressure fire service pumps and for driving the machinery for flushing the Gorranus Canal.

The principal departments and institutions, with their subdivisions, which come under the jurisdiction of the Department of Water Supply, Gas and Electricity are shown in the following list:

*Public Buildings and Structures Controlled by the Department of Water Supply, Gas and Electricity with Regard to the Light and Power Service.*

Armories.	
Bellevue and Allied Hospitals—	
Bellevue Hospital.	
Nurses' Residence.	
Gouverneur Hospital.	
Fordham Hospital.	
Board of Inebriety, Warwick, N. Y.	
Borough Presidents—	
Municipal Building and other Public Buildings and Offices not under the jurisdiction of other departments.	
Public Markets.	
Public Comfort Stations.	
Public Baths.	
Courts and County Offices.	
Ludlow Street Jail.	
Plant and Structures—Bridge Structures, Etc.	
Department of Correction—	
Blackwells Island Buildings.	
Harts Island Buildings.	
Rikers Island Buildings.	

Year of Issue.	Amount of Bonds Issued.	Annual Interest.	Total Interest to Dec. 31, 1916.
1905 .....	\$115,000 00	\$3,450 00	\$37,950 00
1906 .....	820,000 00	25,600 00	256,000 00
1907 .....	2,026,500 00	83,462 50	778,938 75
1908 .....	4,282,000 00	186,565 00	1,506,020 00
1909 .....	10,361,626 99	398,544 81	2,822,813 67
1910 .....	19,658,060 25	727,864 14	4,562,161 77
1911 .....	26,398,932 48	1,111,117 13	5,706,460 65
1912 .....	22,939,880 28	1,010,822 96	4,548,703 31
1913 .....	6,713,622 71	302,113 02	969,818 82
1914 .....	19,069,700 80	810,462 28	2,026,155 70
1915 .....	12,892,711 55	580,172 02	870,258 03
1916 .....	6,057,410 55	257,439 95	128,719 97
<b>Totals .....</b>	<b>\$131,335,445 61</b>	<b>\$5,497,613 81</b>	<b>\$24,214,000 67</b>

In addition to the above there are outstanding \$2,872,952.64 of Corporate Stock Notes issued in 1916 in anticipation of the sale of Corporate Stock, together with the interest charges payable for periods from the various dates of issue.

*Water Bonds Outstanding, December 31, 1916, Both Systems.*

The following statement has been prepared showing all bonds of the water supply system outstanding on December 31, 1916, and distinguishing between those which are outside the City debt limit and those which are included as non-exempt, and also the Sinking Funds from which the bonds are payable as they fall due:

*Statement of Water Bonds Outstanding, Old and New Systems.*

	Total Amount of Bonds and Corporate Notes Outstanding.	Old System.		New System. Exempt.
		Exempt.	Non-Exempt.	
Payable from the Water Sinking Fund of the City of New York under the provisions of section 10, article 8, of the Constitution of the State of New York, and section 208 of the Greater New York Charter.....	\$216,975,272 84	\$56,905,774 35	\$28,734,052 88	\$131,335,445 61
Payable from the Sinking Fund for the Redemption of the City Debt under the provisions of section 229 of the Greater New York Charter.....	650,000 00	.....	650,000 00	.....
Payable from the Sinking Fund for the Redemption of the City Debt No. 1 under the provisions of section 213 of the Greater New York Charter.....	445,000 00	.....	445,000 00	.....
Payable from the Water Sinking Fund of the City of Brooklyn under the provisions of chapter 396 of the Laws of 1859 and acts amendatory thereof and supplementary thereto.....	2,067,894 76	.....	2,067,894 76	.....
Payable from the Water Revenues of Long Island City for the Redemption of Water Bonds under the provisions of section 10, article 8, of the Constitution of the State of New York.....	160,000 00	.....	160,000 00	.....
Payable from Taxation, Village of Flushing.....	16,000 00	.....	16,000 00	.....
Payable from Water Revenue, Village of College Point.....	36,000 00	.....	36,000 00	.....
Payable from Water Revenue, Village of Whitestone.....	60,500 00	.....	60,500 00	.....
Payable from Taxation, Village of Tottenville.....	12,000 00	.....	12,000 00	.....
Total Bonds Outstanding December 31, 1916.....	\$220,422,667 60	\$56,905,774 35	\$32,181,447 64	\$131,335,445 61
Add Corporate Stock Notes issued and allotted in anticipation of the sale of Corporate Stock to provide for the supply of water.....	3,396,898 64	523,946 00	.....	2,872,952 64
<b>Totals .....</b>	<b>\$223,819,566 24</b>	<b>\$57,429,720 35</b>	<b>\$32,181,447 64</b>	<b>\$134,208,398 25</b>

City Prisons.	



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	1916 Ex- penditures.	1915 Ex- penditures.	1914 Ex- penditures.	1913 Ex- penditures.	1916 Ex- penditures.	1915 Ex- penditures.	1914 Ex- penditures.	1913 Ex- penditures.
(D) Power for City Departments .....	118,906 95	107,759 66	99,720 08	85,053 58				
(E) Heat for Public Buildings (Steam) .....	19,778 24	18,130 43	17,762 60	11,571 97				
(F) High Pressure Fire Service .....	76,743 49	101,344 68	130,864 91	128,609 26				
Total Cost of Light, Heat and Power.....	\$4,014,554 92	\$4,333,556 46	\$4,820,656 83	\$4,679,916 05				
Per Cent. of Total Expenditures .....	92.58	92.78	92.95	92.85				
<i>Direct Overhead Charges (Personal Service).</i>								
(G) Administration .....	\$10,320 00	\$11,110 00	\$28,917 02	\$28,544 08				
Clerks and Stenographers. ....	21,565 69	23,870 00	27,233 51	25,933 98				
Total Cost of Overhead Charges (Personal Service) .....	\$31,885 69	\$34,980 00	\$56,150 53	\$54,478 06				
Per Cent. of Total Expenditures .....	.74	.75	1.08	1.08				
<i>Inspection and Control of Street and Park and Public Building Lighting (Personal Service).</i>								
(H) Inspection and Supervision	\$120,578 66	\$129,609 26	\$115,987 62	\$114,253 00				
Draughtsmen .....	6,900 00	6,900 00	7,153 22	6,656 79				
Clerks and Stenographers. ....	28,539 60	26,736 43	24,112 85	23,826 81				
Lighting of Public Markets	90 00	120 00	210 00	240 00				
Total Cost of Inspection and Control, etc.....	\$156,108 26	\$163,365 69	\$147,463 69	\$144,976 60				
Per Cent. of Total Expenditures .....	3.60	3.50	2.85	2.88				
<i>Special Municipal Regulation Service Other than Street and Park and Public Building Lighting (Personal Service).</i>								
(H) Inspection and Supervision	\$77,702 40	\$71,128 37	\$74,813 09	\$77,325 47				
Clerks and Stenographers. ....	19,026 40	17,824 49	21,180 40	21,102 29				
Wiremen and Batterymen. ....	.....	.....	3,136 00	3,052 50				
Gas Inspection (Photometric Stations) .....	11,384 17	11,077 42	14,400 00	14,041 94				
Total Cost of Special Municipal Regulation, etc. ....	\$108,112 97	\$100,030 28	\$113,529 49	\$115,522 20				
Per Cent. of Total Expenditures .....	2.49	2.14	2.19	2.29				

Statement 1A—Showing the Comparative Cost of Direct Expense of Light, Heat and Power to Streets and Public Buildings, Years 1913 to 1916, Inclusive.

Class of Service.	Expenditures.				Increases or *Decreases, 1916, Compared with 1913.		Increases or *Decreases, 1916, Compared with 1914.	
	1916.	1915.	1914.	1913.	Amount.	Per Cent.	Amount.	Per Cent.
<i>Street and Park Lighting—</i>								
Electric .....	\$2,423,001 04	\$2,241,561 02	\$2,360,120 26	\$2,269,725 40	\$153,275 64	6.75	\$62,880 78	2.66
Gas .....	490,911 31	844,891 68	1,030,596 78	1,039,821 31	*\$548,910 00	*52.79	*\$39,685 47	*52.37
Naphtha .....	12,422 66	29,403 31	38,513 91	50,827 90	*\$38,405 24	*75.55	*\$26,091 25	*67.74
Repairs, etc., to Lamp Posts.....	59,930 13	118,651 04	57,430 84	55,921 01	4,009 12	7.17	2,499 29	4.35
Totals, Street and Park Lighting.....	\$2,986,265 14	\$3,234,508 05	\$3,486,661 79	\$3,416,295 62	*\$430,030 48	*12.59	*\$500,396 65	*14.35
Increases or *Decreases Compared with Preceding Years.....	*\$248,242 91	*\$252,153 74	\$70,366 17					
	7.67%	7.23%	2.06%					
<i>Lighting Public Buildings</i>								
Electric Current .....	\$537,612 95	\$552,318 95	\$724,442 62	\$745,362 88	*\$207,749 93	*27.90	*\$186,829 67	*25.79
Purchase of Incandescent Lamps.....	44,578 62	80,713 77	71,694 19	29,487 85	15,090 77	51.18	*\$27,115 57	*37.82
Gas .....	223,817 12	231,406 20	274,395 31	259,405 10	*\$35,587 98	*13.72	*\$50,578 19	*18.43
Miscellaneous .....	6,852 41	7,374 72	15,115 33	4,129 79	2,722 62	65.92	*\$8,262 92	*54.33
Totals, Lighting Public Buildings.....	\$812,861 10	\$871,813 64	\$1,085,647 45	\$1,038,385 62	*\$225,524 52	*21.72	*\$272,786 35	*25.13
Increases or *Decreases Compared with Preceding Years.....	*\$58,952 54	*\$213,833 81	\$47,261 83					
	6.76%	19.70%	4.55%					
<i>Heat and Power for City Departments—</i>								
Electric Current .....	\$107,231 95	\$97,344 85	\$89,376 28	\$76,809 80	\$30,422 15	39.61	\$17,855 67	19.98
Gas .....	11,675 00	10,414 81	10,343 80	8,243 78	3,431 22	40.11	1,331 20	12.87
Steam .....	19,778 24	18,130 43	17,762 60	11,571 97	8,206 27	70.91	2,015 64	11.34
Totals, Heat and Power, etc.....	\$138,685 19	\$125,890 09	\$117,482 68	\$96,625 55	\$42,059 64	43.53	\$21,202 51	18.05
Increases or *Decreases Compared with Preceding Years.....	\$12,795 10	\$8,407 41	\$20,857 13					
	10.16%	7.15%	21.58%					
<i>High Pressure Fire Service—</i>								
Current and Reservation Charge.....	\$76,743 49	\$101,344 68	\$130,864 91	\$128,609 26	*\$51,865 77	*40.33	*\$54,121 42	*41.36
Increases or *Decreases Compared with Preceding Years.....	*\$24,601 19	*\$29,520 23	\$2,255 65					
	24.27%	22.56%	1.75%					
Totals, Light and Power Service.....	\$4,014,554 92	\$4,333,556 46	\$4,820,656 83	\$4,679,916 05	*\$665,361 13	*14.22	*\$806,101 91	*16.72
Total, Increases or *Decreases Compared with Preceding Years .....	*\$319,001 54	*\$487,100 37	\$140,740 78					
	7.15%	10.10%	3.01%					

(A) *Street and Park Lighting.*

This service is for the illumination of streets and parks. The amount expended in 1916 was \$2,926,335.01, or 67.48 per cent. of the total expenditures of the Bureau of Gas and Electricity.

Statement A1—Showing Cost of Street Lighting for Years 1913 and 1916.

Kind of Lighting.	1916.			1913.			Increases or *Decreases.		
	Average Number of Lamps Burning During the Year.	Average Rate.	Expenditure.	Average Number of Lamps Burning During the Year.	Average Rate.	Expenditure.	Average Number of Lamps.	Average Rate.	Amount.
<i>Electric Lamps—</i>									
Arcs .....	27	\$85 00	\$2,304 69	19,448	\$92 52	\$1,799,294 55	*19,421	*\$7 52	*\$1,796,989 86
Gas Filled Tungstens.....	21,937	70 76	1,552,172 15	18,885	24 91	470,430 85	21,937	70 76	1,552,172 15
Incandescent .....	36,092	24 07	868,524 20	18,885	24 91	470,430 85	17,207	*0 84	398,093 35

Kind of Lighting.	1916.			1913.			Increases or *Decreases.		
	Average Number of Lamps Burning During the Year.	Average Rate.	Expenditure.	Average Number of Lamps Burning During the Year.	Average Rate.	Expenditure.	Average Number of Lamps.	Average Rate.	Amount.
Gas Lamps—									
Mantle	20,443			44,952			24,509		
Open Flame	948	22.95	490,911.31	6	23.13	1,039,821.31	942	*0.18	*548,910.00
Naphtha—									
Mantle	334			1,735			1,401		
Open Flame	12	34.92	12,422.66	12	29.09	50,827.90	.....	5.83	*38,405.24
Total	79,793	\$36.67	\$2,926,335.01	85,038	\$39.52	\$3,360,374.61	*5,245	*\$2.85	*\$434,039.60

The average number of lighting units was reduced from 85,038 in 1913 to 79,793 in 1916. This reduction was due to the substitution of nitrogen electric lamps for gas and naphtha mantle lamps, requiring a less number of units on account of their increased intensity of illumination, and the elimination of all special mantle gas lamps in front of churches and public institutions not required for purposes of street lighting. The decrease of \$434,039.60 is attributed to the replacement of the arc lamp by the less costly nitrogen electric lamp.

This lamp consumes considerably less current than the arc, it requires no trimming and very little adjustment and it is cleaner, gives better and more light at less cost. This would account for the reduction of \$2.85 in the average rate per lamp, as shown in the foregoing statement.

The reduction in the number of naphtha lamps resulted in an increase of \$.583 per lamp. These lamps were weeded out wherever practicable, leaving the remainder scattered over a large territory, which necessitated more labor per unit in their lighting and extinguishment. The rise in the cost of gasoline has also been a factor in this increase.

In the 1916 annual report of the Department of Water Supply, Gas and Electricity the Chief Engineer of Light and Power states in part, as follows:

"Early in 1916 the remaining arc lamps (except 'free' lamps) were removed from the streets, nitrogen electric lamps being substituted therefor, making in all approximately 20,000 arc lamps eliminated. The Bureau then pushed forward its campaign of substituting electric lamps for mantle gas lamps, and before the end of the year all gas and naphtha lamps were eliminated from the streets in the Boroughs of Manhattan, The Bronx, Queens and Richmond. The number of gas lamps in use in Brooklyn during 1915 was reduced by 2,100."

Each year, as new streets are opened in the outlying territories, demands are made upon the department for their lighting. The number of miles of streets lighted during 1916 was 2,748.5, against 2,643.0 in 1913, an increase of 105.5 miles. There are no data available to determine the actual cost of this extension of service, but a fair estimate may be had by a comparison of the years 1914 and 1913, which shows an increase of \$68,856, under practically similar conditions. Assuming that this represents the normal cost of extension of new lighting, and applying the figures to the years 1915 and 1916 indicate the total saving effected by the above mentioned changes to be approximately \$570,000.

Statement A 2 below shows the cost of lighting public streets and parks, based upon the number of miles of streets lighted and population of each Borough:

Statement A2—Showing by Boroughs the Cost of Lighting Public Streets and Parks, the Number of Miles of Streets Lighted, Estimated Population and Unit Costs for Years 1913 and 1916.

Boroughs.	Cost of Lighting.	Miles of Streets Lighted.	*Population.	Unit Cost.	
				Per Mile.	Per Capita.
Manhattan and The Bronx—					
1910.....	\$1,258,917.60	864.08	3,210,100	\$1,456.94	\$0.392
1913.....	1,528,446.09	847.35	2,993,811	1,803.80	.511
Brooklyn—					
1910.....	1,021,033.97	879.21	1,928,432	1,161.31	.529
1913.....	1,121,811.98	856.57	1,786,330	1,309.66	.628
Queens—					
1910.....	480,504.97	710.43	366,426	676.36	1.312
1913.....	529,253.10	641.80	326,619	824.64	1.620
Richmond—					
1910.....	165,878.47	294.78	97,883	562.72	1.695
1913.....	180,863.44	297.32	92,126	608.31	1.963
Greater New York—					
1910.....	2,926,335.01	2,748.50	5,602,841	1,064.70	.522
1913.....	3,360,374.61	2,643.04	5,198,886	1,271.41	.646

\*Estimated by the Department of Health.

The contract rates for the lighting of the various types of lamps in the different boroughs are shown in Statement A3. The rates for electric and naphtha lighting are on a flat annual basis, which includes maintenance. The rates for gas lighting are separated into gas and maintenance. The gas is charged for at the statutory rate of

Statement A2—Showing the Number of Electric and Gas Lamp Posts and Brackets in Streets Owned by the City on December 31, 1916.

Borough.	Electric.			Gas.			Total, Gas and Electric.	
	Classes of Posts.			Totals.				
	Iron.	Wood.	Special.	Brackets.	Large Units.	Small Units.		
Manhattan—								
Large Units .....	2,423	.....	33	.....	2,423	.....		
Small Units .....	4,036	.....	.....	23	.....	4,092	1,033	
The Bronx—								
Large Units .....	10	.....	.....	2	12	.....		
Small Units .....	1,133	.....	66	.....	.....	1,199	.....	
Brooklyn—								
Large Units .....	32	.....	.....	18	50	.....		
Small Units .....	3,242	.....	5	.....	.....	3,247	16,667	
Queens—								
Large Units .....	57	.....	.....	57	.....	.....		
Small Units .....	511	.....	4	.....	.....	515	.....	
Richmond—								
Large Units .....	104	.....	.....	.....	104	.....		
Small Units .....	.....	.....	.....	.....	.....	239	239	
Totals .....	11,548	.....	108	43	2,542	9,157	17,700	
						22,243	39,943	
							51,642	

Statement B3—Showing the Number of Electric Lamp Posts Owned by Private Companies on December 31, 1916.

Borough.	Classes of Posts.			Brackets.	Totals.			Totals, Large and Small Units.		
	Classes of Posts.				Totals.					
	Iron.	Wood.	Special.		Large Units.	Small Units.				
Manhattan—										
Large Units .....	7,720	35	6	72	7,833	.....				
Small Units .....	3	38	81	50	.....	172	.....	8,005		
The Bronx—										
Large Units .....	1,009	1,398	1	13	2,421	.....				
Small Units .....	3	9,409	3	6	.....	9,421	.....	11,842		
Totals .....	11,859	38,150	225	155	18,920	31,469	50,389			

(C) *Lighting Public Buildings.*

This includes the cost of electric current, tungsten lamps, and gas, supplied to the various departments, institutions and bridges of the City, primarily used for lighting. In the Boroughs of Manhattan and The Bronx, however, power current is included in some instances, especially where the wholesale rate applies, and all gas, whether for light or power, is included.

In the other boroughs both current and gas are separately metered for light and power.

Two tables, C1 and C2, are presented below showing separate comparisons of the cost of electricity and gas, respectively.

*Statement No. C1—Showing the Comparative Cost of Electric Current (Including Lamps) Furnished for Lighting, etc., Public Buildings During the Years 1913 to 1916, Inclusive.*

	1916.	1915.	1914.	1913.
<i>Borough.</i>				
Manhattan and The Bronx.....	\$406,139 83	\$445,141 38	\$549,263 00	\$526,666 78
Brooklyn.....	119,443 62	125,031 61	159,931 15	165,176 07
Queens.....	24,379 34	24,511 06	38,560 69	32,817 17
Richmond.....	32,228 78	38,348 67	48,381 97	50,190 71
Totals.....	\$582,191 57	\$633,032 72	\$796,136 81	\$774,850 73
<i>Increases or *Decreases, Compared with Preceding Year.</i>				
Manhattan and The Bronx.....	+\$39,001 55	+\$104,121 62	\$22,596 22	.....
Brooklyn.....	*5,587 99	*34,899 54	*5,244 92	.....
Queens.....	*131 72	*14,049 63	5,743 52	.....
Richmond.....	*6,119 89	*10,033 30	*1,808 74	.....
Total Net Increases or *Decreases	+\$50,841 15	+\$163,104 09	\$21,285 08	.....
Per Cent.....	8.03	20.49	2.75	.....

The total decrease in the cost of lighting during 1916, compared with 1914, is \$213,945.24, or 26.87 per cent. This was brought about by the substitution of tungsten lamps for all Gem lamps existing in the public buildings and by the elimination of some 1,800 arc lamps in public buildings and on bridges over the East and Harlem rivers. The effect produced by these changes, which were carried on from November, 1914, to March, 1916, is forcibly indicated in the cost of 1915, compared with 1914, showing a decrease of \$163,104.09, or 20.49 per cent., and may be further emphasized by the fact that the average normal increase in the electric lighting of public buildings is from five to eight per cent. annually.

Reference is made to the 1915 annual report of the Commissioner of Water Supply, Gas and Electricity, which states in part as follows:

"Prior to 1915 incandescent lamps for buildings were furnished by the lighting companies; lamps of 100 watt or larger were furnished free of cost to the City. This enabled employees in the various buildings to secure large lamps without the consent of this Department, which pays for the current used, and resulted in extravagant waste of current. To remedy this the 1915 lighting contracts were drawn to require the companies to furnish current only, and a half cent per kilowatt hour reduction in the cost of current to all retail buildings was obtained thereby. Absolute control was thus secured over the size of the lamp and the frequency of its renewal."

"Careful inspections were made of all public buildings and all Gem and oversize incandescent lamps replaced with new incandescent tungsten lamps of proper size."

The figures in the foregoing schedules include the cost of lamps. Prior to 1915 the City furnished electric lamps to buildings under the wholesale rates, and the retail rates included the supply of incandescent lamps by the companies. The reduction of one-half cent per kilowatt hour in 1915 and subsequent, referred to in the Commissioner's report, is offset by the cost of lamping buildings under the retail rate. A comparison of the cost of tungsten lamps is shown to be as follows:

1916..... \$44,578 62 1914..... \$71,694 19  
1915..... 80,713 77 1913..... 29,487 85

The increased expenditures of 1914, 1915 and a part of 1916 cover the period of tungstenization under discussion.

*Statement C2—Showing the Comparative Cost of Gas for Lighting Public Buildings During the Years 1913 to 1916, Inclusive.*

	1916.	1915.	1914.	1913.
<i>Boroughs.</i>				
Manhattan and The Bronx.....	\$166,064 00	\$166,707 44	\$196,366 06	\$186,634 05
Brooklyn.....	43,960 90	50,634 22	61,635 18	56,662 69
Queens.....	11,605 03	12,111 85	13,683 07	13,752 28
Richmond.....	2,187 19	1,952 69	2,711 00	2,356 08
Totals.....	\$223,817 12	\$231,406 20	\$274,395 31	\$259,405 10
<i>Increases or *Decreases Compared with Preceding Years.</i>				
Manhattan and The Bronx.....	+\$643 44	+\$29,658 62	\$9,732 01	.....
Brooklyn.....	*6,673 32	*11,000 95	4,972 49	.....
Queens.....	*506 82	*1,571 22	*69 21	.....
Richmond.....	234 50	*758 31	354 92	.....
Total Net Increases or *Decreases	+\$7,589 08	+\$42,989 11	\$14,990 21	.....
Per Cent.....	3.28%	15.67%	5.78%	.....
Miscellaneous, Other than Lighting	\$6,852 41	\$7,374 72	\$15,115 53	\$4,129 79

Here, as in the electric lighting, marked decreases are shown for years 1915 and 1916. Comparison of years 1916 with 1914 indicates a total decrease of \$50,578.19, or 18.43 per cent., due to the electrification, wherever possible, of buildings formerly lighted by gas; and the checking of extravagant waste by the inspection force. The normal increase prior to 1915 was about 6 per cent. per annum. This has since increased, owing to the extension of activities in public buildings, notably in schools, which, in addition to the extension of vocational studies, have been used for purposes other than educational.

From the foregoing it will be noted that the supersession of gas by electricity is reflected in the expense of electric public lighting. In order to meet these conditions for purposes of comparison the following composite Statement C3 of the total cost of lighting public buildings, by departments, is submitted.

*Statement C3—Showing Total Cost of Lighting Public Buildings, Including Electric Current, Gas, Lamps and Miscellaneous, for Year 1916 and 1914.*

Departments, Etc.	Expenditures.	Decrease or Increase.	
	1916.	1914.	*Increase.
Armory Board.....	\$64,918 84	\$94,792 77	\$29,873 93
Belleview and Allied Hospitals.....	38,170 91	36,606 92	*1,563 99
Borough President.....	58,635 89	74,193 93	15,557 09
Public Charities.....	63,304 17	71,026 46	7,722 29
Corrections.....	21,320 06	29,510 87	8,190 81
Docks and Ferries.....	31,316 43	43,075 29	11,758 86
Education.....	270,799 41	386,162 96	115,363 55
Fire.....	47,520 33	62,141 22	14,620 89
Health.....	31,415 11	33,512 33	2,097 22
Municipal Building.....	31,454 96	26,086 14	*5,368 82
Parks.....	9,524 39	16,285 65	6,761 26
Plant and Structures.....	57,634 54	82,991 75	25,357 21
Police.....	42,393 07	57,986 05	15,592 98
Street Cleaning.....	15,009 10	21,884 75	6,875 65

Departments, Etc.	Expenditures.	Decrease or Increase.	
	1916.	1914.	*Increase.
Water Supply, Gas and Electricity.....	14,664 18	38,923 39	24,259 21
Miscellaneous.....	14,778 71	10,466 92	*4,311 79
Totals.....	\$812,861 10	\$1,085,647 45	\$272,786 35
Consumption { Kilowatt hours .....	11,376,467	14,378,877	3,002,410
1,000 cubic feet .....	298,423	365,860	67,437
Decrease in Consumption { Kilowatt hours 20.88 per cent.	1,000 cubic feet 18.43 per cent.		

The decrease in kilowatt hour consumption of 20.88 per cent., compared with the decrease of cost, 26.87 per cent., indicates a difference of 5.99 per cent., due to increased cost of tungstenizing buildings in 1914.

With few exceptions, the statement indicates sweeping reductions in the cost of lighting public buildings. The increases may be accounted for as follows: Large additions to the building group of the Bellevue and Allied Hospitals, Municipal Building only partly occupied in 1914, and miscellaneous buildings and institutions added during 1914, 1915 and 1916. Not included under departments, such as Otisville (N. Y.) Sanatorium, Board of Inebriety, Warwick, N. Y., New Hampton Farms, et al.

(D) *Power for City Departments.*

The cost of furnishing power to public buildings in 1916 was \$119,106.95, an increase of \$11,347.29, or 10.53 per cent. over 1915. The following Statement D1 shows the cost of electric current and gas for power purposes in all boroughs for the year 1913 to 1916, inclusive:

*Statement D1—Showing Cost of Power Service to City Departments.*

(Electric Current.)

Boroughs.	1916	1915	1914	1913
Manhattan and The Bronx.....	\$32,039 93	\$27,480 27	\$22,994 77	\$20,036 95
Brooklyn.....	61,691 41	56,013 75	54,146 74	46,372 51
Queens.....	8,536 86	8,428 08	6,711 52	4,287 49
Richmond.....	4,963 75	5,422 75	5,523 25	6,112 85
Totals.....	\$107,231 95	\$97,344 85	\$89,376 28	\$76,809 80
Increases over preceding year.....	\$9,887 10	\$7,968 57	\$12,566 48	.....
	10.16%	8.91%	16.36%	
	(Gas.)			
Brooklyn.....	\$11,222 28	\$9,881 45	\$9,654 63	\$7,653 48
Queens.....	256 26	316 50	392 64	354 37
Richmond.....	196 46	216 86	296 53	235 93
Totals.....	\$11,675 00	\$10,414 81	\$10,343 80	\$8,243 78
Increases over preceding year.....	\$1,260 19	\$71 01	\$2,100 02	.....
	12.11%	0.69%	25.47%	

The increase in the cost of power to City departments is constant. Periodic inspections begun in 1915 have had the effect of minimizing the increases of 1915 and 1916.

The principal increases in the cost of electric power, 1916 over 1913, are: Manhattan and The Bronx, New Washington Market, \$4,545; 49 Lafayette Street, \$1,500; Street Cleaning Department, \$3,302, and Fire Department, \$2,450. In Brooklyn, Department of Education, \$5,138; Docks and Ferries, \$1,717; Charities, \$1,303; Water Supply, \$1,607. In Queens, Borough President's, \$1,807; Water Supply, \$1,075; Bellevue and Allied Hospitals, \$757.

The increase in gas power is chiefly in Brooklyn in the Departments of Charities, \$1,470; Education, \$1,200, and Armories, \$510.

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The increase of \$1,869.62 of 1916 over 1915 is due to the use of the high pressure service to supplement the regular pumping service in Brooklyn during a period of several weeks when pumping stations were shut down for necessary repairs.

*Rates Charged by Companies for Light, Heat and Power Service for Public Buildings, Etc.*

*Light and Power Rates.*

The following schedule shows the rates charged by the various companies for light and power service to public buildings and structures:

	Wholesale Rates.	Retail Rates.
Electric Current.		
Manhattan and The Bronx—		
New York Edison Company.....	5 to 2 cents per K.W. Hr.	6 cents per K.W. Hr. (1½ cents for High Pressure Fire Service).
United Electric Light & Power Company.....	5 to 2 cents per K.W. Hr.	6 cents per K.W. Hr.
Bronx Gas & Electric Company.....		10 cents per K.W. Hr.
Westchester Lighting Company.....		10 cents per K.W. Hr.
Brooklyn—		
Edison Electric Illuminating Company.....	6 to 3 cents per K.W. Hr.	8 cents per K.W. Hr. (1½ cents for High Pressure Fire Service and Gowanus Canal).
Flatbush Gas Company .....	7½ to 5½ cents per K.W. Hr.	9½ cents per K.W. Hr.
Queens—		
N. Y. & Queens Electric Lt. & Power Co.....	9½ to 3 cents per K.W. Hr.	9½ cents per K.W. Hr.
Queens Borough Gas & Electric Co.....		10 cents per K.W. Hr. (with discounts).
Richmond—		
Richmond Light & Railroad Co.....		9½ cents per K.W. Hr.
Gas.		5 cents per K.K. Hr. (Power).
All Boroughs .....		75 cents per M cu. ft. (Statutory).
Manhattan .....		45½ cents per M lbs.

*(G) Direct Overhead Charges (Personal Service).*

During the year 1916 the cost of Direct Overhead Charges was \$31,885.69, of which \$10,320 was for Administration and \$21,565.69 for Clerks and Stenographers.

*(H) Inspection (Personal Service).*

The total cost of inspection in 1916 was as follows:

Inspection and Control of Street and Park and Public Building Lighting. \$156,108.26  
Special Municipal Regulation, etc..... 108,112.97

\$264,221.23

In 1915 the personal service, particularly the inspection force, was reorganized; other changes in the personal service were made in 1916. Inasmuch as the accounts of the Bureau of Gas and Electricity have not been placed upon a functional and unit cost basis, the changes referred to above precluded the possibility of forming comparisons of the functional cost with prior years.

The total cost of personal service of 1916 is \$296,106.92, which is \$2,269.05 or 0.76 per cent. under that of 1915. A reduction of \$18,767.74 or 5.92 per cent. was effected in 1915 through reorganization.

*(I) General Expense.*

This account shows a considerable reduction in 1916, \$12,791.61, or 33.17 per cent., and a reduction in 1915 of \$9,700.07 or 20.10 per cent. under 1914.

In connection with the gas lighting, it is interesting to note that the Department maintains twelve photometric stations, two in Manhattan, two in The Bronx, five in Brooklyn, two in Queens and one in Richmond, where tests are made in reference to the illuminating power of gas which, by statute, is required to be not less than 22 candle power at a distance of one mile from the place of manufacture.

The Department has assessed against the companies liquidated damages in cases where the candle power of the gas supplied was less than that required by statute, in accordance with the following schedule:

Where gas is of less than 22, but more than 21 candle power, 3 cents per 1,000 cubic feet.

Where gas is of less than 21, but more than 20 candle power, 6 cents per 1,000 cubic feet.

Where gas is of less than 20, but more than 19 candle power, 9 cents per 1,000 cubic feet.

Where gas is of less than 19, but more than 18 candle power, 12 cents per 1,000 cubic feet.

Where gas is of less than 18, but more than 17 candle power, 15 cents per 1,000 cubic feet.

Where gas is less than 17 candle power, 20 cents per 1,000 cubic feet.

The Department, in connection with the Public Service Commission, is now carrying on tests to determine the value of candle power against heat units, and the effect a reduction of candle power would have upon heat units, with a view of changing the standard. The Chief Engineer of Light and Power states that high candle power of gas is of value only where gas is used in open flame burners as an illuminant; where used for cooking and heating and for lighting, with mantle burners, the constituents of the gas which enhance its illuminating power clog the burners and are a detriment in producing heat and light.

*General Remarks.*

From 1913 to 1916 the water revenues increased from \$12,795,000.13 to \$13,400,193.98, a gain of \$605,193.85, and the operating expenses of the water works decreased from \$4,572,380.63 to \$3,994,116.89, a gain of \$578,263.74, making a total gain for the period of \$1,183,457.59. Against this surplus we must, of course, consider for this period the annual interest on the corporate stock issued for the construction of the new Catskill plant of approximately \$5,500,000. If we deduct from the net income in 1916, \$9,406,077.09, interest on the total amount of corporate stock and corporate stock notes outstanding, \$223,819,566.24, the resulting net income will be practically nothing. However, as the new water plant is gradually utilized to its full capacity the net returns from the entire system should correspondingly increase. This lack of any considerable present profit in the combined old and new water systems does not, of course, detract in any way from the credit due for the improvement in the net operating revenues over the 1913 conditions.

The savings on the operating expenses, 1913 to 1916, of \$578,263.74 above referred to, were effected in the following items:

*Water Supply.*

Collection and Storage System.....	\$93,000.00
Pumping .....	86,000.00
Distribution .....	163,000.00
Purchase of Water.....	150,000.00
Analyzing and Testing Laboratories.....	10,000.00
Machine Shops, Stables, etc.....	13,000.00

*Water Revenue Collections.*

Administration .....	65,000.00
Inspection, General .....	50,000.00
Water Testing Stations.....	24,000.00
Patrol Boat .....	5,000.00

Total..... \$659,000.00

These savings were partly offset by increases in the cost of the following:

Taxes .....	\$39,000.00
General Administration, Water Supply.....	23,000.00
Hydrant Rentals .....	20,000.00

Total..... \$82,000.00

The net increase of \$23,000 in the cost of General Administration, Water Supply, represents increases in the cost of Motor Vehicles and the Purchase and Storage of Supplies of \$54,000, reduced by decreases in the cost of the executive and accounting offices of \$31,000.

The costs of the Bureau of Gas and Electricity show a decrease from \$5,040,138.28 in 1913 to \$4,336,439.39 in 1916, a saving of \$703,698.89.

The principal savings were in the following items:

Street and Park Lighting .....	\$434,000.00
Public Building Lighting .....	226,000.00
High Pressure Fire Service .....	54,000.00
Administration .....	18,000.00
General Expenses .....	20,000.00

Total..... \$752,000.00

*Light and Power Rates.*

The following schedule shows the rates charged by the various companies for light and power service to public buildings and structures:

	Wholesale Rates.	Retail Rates.
Electric Current.		
Manhattan and The Bronx—		
New York Edison Company.....	5 to 2 cents per K.W. Hr.	6 cents per K.W. Hr. (1½ cents for High Pressure Fire Service).
United Electric Light & Power Company.....	5 to 2 cents per K.W. Hr.	6 cents per K.W. Hr.
Bronx Gas & Electric Company.....		10 cents per K.W. Hr.
Westchester Lighting Company.....		10 cents per K.W. Hr.
Brooklyn—		
Edison Electric Illuminating Company.....	6 to 3 cents per K.W. Hr.	8 cents per K.W. Hr. (1½ cents for High Pressure Fire Service and Gowanus Canal).
Flatbush Gas Company .....	7½ to 5½ cents per K.W. Hr.	9½ cents per K.W. Hr.
Queens—		
N. Y. & Queens Electric Lt. & Power Co.....	9½ to 3 cents per K.W. Hr.	9½ cents per K.W. Hr.
Queens Borough Gas & Electric Co.....		10 cents per K.W. Hr. (with discounts).
Richmond—		
Richmond Light & Railroad Co.....		9½ cents per K.W. Hr.
Gas.		5 cents per K.K. Hr. (Power).
All Boroughs .....		75 cents per M cu. ft. (Statutory).
Manhattan .....		45½ cents per M lbs.

The principal increases in cost were for:

Power for City Departments.....	\$33,000.00
Inspection of Street and Park and Public Building Lighting.....	12,000.00
Steam Heat for Public Buildings.....	8,000.00

Total ..... \$53,000.00

Some of these savings were due to the reorganization of the personal service, to economies in the general expenses, and to a reduction of the cost of high pressure fire service, but by far the greater part of them arose out of the introduction of improved methods of lighting. It should be noted, too, that these savings in the cost of lighting are made despite the fact that the volume of lighting required year by year is constantly increasing. Respectfully,

ROBERT B. MCINTYRE, Supervising Statistician and Examiner.

**DEPARTMENT OF FINANCE.**

**WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE**  
MONDAY, DECEMBER 24, 1917.

Below is a statement of warrants made ready for payment on the above date, showing therein the Department of Finance voucher number, the dates of the invoices or the registered number of the contract, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the warrant.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given, excepting that, when such payments are made under a contract, the registered number of the contract is shown in the place of the second invoice date.

Where the word "final" is shown after the name of the payee, payment will not be made until thirty days after the completion and acceptance of the work, but all of the other warrants mentioned will be forwarded through the mail unless some reason exists why payment is to be made in person, in which event written notice will be promptly given to the claimant.

In making a written or verbal inquiry at this office for any of the above mentioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount
<b>Board of Aldermen.</b>				
18439	12-22-17	Frederick H. Grieme .....		\$30.00
18440	12-22-17	Michael F. Donnelly .....		15.00
18441	12-22-17	James B. Firth .....		15.00
18442	12-22-17	James A. Dennis .....		15.00
18443	12-22-17	Henry O'Rourke .....		15.00
<b>Armory Board.</b>				
146983	11-12-17	William C. Ferrer .....		\$227.00
148645	11-27-27	T. J. Cummins Plumbing Co.....		24.50
148654	11-24-17	William C. Ferrer .....		28.88
148629	9-20-17	Cavanagh Bros. & Co. ....		41.50
148651	11-30-17	Samuel Pollack .....		44.00
148638	2-27-17	Stanley & Patterson .....		36.04
148628	2-28-17	A. P. Dienst Co., Inc. ....		54.75
148618	11-17-17	Cavanagh Bros. & Co. ....		19.90
148619	11-15-17	Cavanagh Bros. & Co. ....		4.10
146982	12-1-17	Nicholas J. Schery .....		347.00
145980	10-27-17	Fraser & Berau, Inc. ....		200.00
<b>Commissioner of Accounts.</b>				
149772	12-10-17	Alexander J. Brezin, Bookkeeper .....		\$83.77
<b>Board of Standards and Appeals.</b>				
148861	12-11-17	E. Belcher Hyde .....		\$40.00
149927	12-18-			

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount.	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount.
149076	10-18-17	12-18-17	The University of Chicago Press.....	1 08	149891	11- 5-17	12-20-17	Zachary P. Taylor.....	14 00
149079	9- 4-17	12-18-17	Narragansett Machine Company.....	11 50	149895	12- 1-17	12-20-17	The Peerless Towel Supply Co.....	2 42
149080	10- 2-17	12-18-17	Powers & Powers .....	2 25	149893	12-12-17	12-20-17	Atlas Stationery Corporation.....	12 00
149081	10-15-17	12-18-17	Riley Optical Instrument Company, Inc.	10 20				<b>FIRE DEPARTMENT.</b>	
149074	9-26-17	12-18-17	The Kny-Scheerer Corporation.....	6 00	149549	11-30-17	12-19-17	D. Broue .....	\$45 00
149071	10- 8-17	12-18-17	Professor W. P. Bowen.....	2 20	149548	11-30-17	12-19-17	O. W. Ramsay .....	60 00
149072	8-29-17	12-18-17	Row, Peterson & Co.....	56 00	149175	10- 4-17. 11-28-17	12-18-17	Stern, Picard Co., Inc.....	12 11
149051	9- 1-17	12-18-17	Corcoran, Fitzgerald & Co.....	10 80	149172	11- 8-17	12-18-17	Tower Mfg. & Novelty Company.....	10 80
149052	10-10-17	12-18-17	Advance Sales Company.....	2 00	149170	11- 8-17	18-18-17	Detroit Cadillac Motor Car Co.....	4 15
149053	8-30-17	12-18-17	The Tablet & Ticket Company.....	3 38	149555	12- 3-17	12-19-17	The American Mult Sales Co.....	4 95
149055	10- 1-17	12-18-17	Charles J. Moore .....	3 72	149556	12- 4-17	12-19-17	Columbia Graphophone Co.....	1 65
149054		12-18-17	Tower Manufacturing & Novelty Com- pany .....	18 49	149532	10-20-17	12-19-17	Burns Bros .....	58 50
149895	11-22-17	12-18-17	Blaisdel Pencil Company .....	22 74	149531		12-19-17	Thomas P. Brophy, Chief Fire Marshal	127 50
149016	10-10-17	12-18-17	J. S. Babcock Co.....	14 25	149526		12-19-17	Joseph O. Hammitt, Chief .....	54 75
149019	10-20-17	12-18-17	M. J. Roth .....	66 90	149167	10-13-17	12-18-17	Front Drive Motor Company .....	6 00
149018	10- 8-17	12-18-17	The Prang Company .....	9 98	149177	11- 7-17	12-18-17	Chas. Beseler Company .....	6 13
149020	7-23-17	12-18-17	Department of Correction .....	2 65	149166	11-13-17	12-18-17	Kopf Mfg. Company .....	78 00
149021	9-29-17. 10- 5-17	12-18-17	Annn & Co.....	32 30	149165	11- 8-17	12-18-17	The East River Mill & Lumber Co.....	45 00
149023	9-29-17	12-18-17	Polhemus Printing Company .....	18 25	147918		12-14-17	Henry Frank, Jr.....	45
149032	10-11-17	12-18-17	Underwood & Underwood, Inc.....	6 30	47585		12-14-17	United States Tire Company .....	27 68
149048	3- 8-17	12-18-17	J. J. Harris .....	16 55	46739		12-19-17	Joseph O. Hammitt, Chief .....	1 02
148980	47182	12-18-17	New York Telephone Company.....	48 88	149528		12-19-17	Putnam A. Bates Elec. Engineer .....	8 00
149039	10- 1-17	12-18-17	The Rapid Safety Filter Company .....	24 00	149524		12-19-17	William Ralph, Laborer .....	1 40
149639		12-19-17	Hugh D. McGrane .....	20 00	149523		12-19-17	Seneca Larke, Jr., Lieutenant .....	2 45
149521		12-19-17	John J. Dietz .....	5 24	149529		12-19-17	Putnam A. Bates Elec. Engineer .....	37 75
148986	10-29-17	12-18-17	Mary L. Fuller .....	15 00	149525		12-19-17	Putnam A. Bates, Elec. Engineer .....	1 60
149060	8-31-17	12-18-17	J. L. Hammett Company .....	2 64			12-19-17	Frank McCaffrey, Storekeeper .....	5 65
149061	10-15-17	12-18-17	M. H. Hartmann .....	48 90					
149017	10- 3-17	12-18-17	F. S. Banks & Co.....	1 35	145648	10-22-17	12- 7-17	New England Sales Company .....	30 08
149044	10- 4-17. 10-15-17	12-18-17	Meyer Camera & Instrument Company .....	37 25	131845	7- 3-17. 7- 6-17	10-29-17	Eugene H. Tower, Inc.....	3 45
149043	9-27-17. 9-29-17	12-18-17	Underwood Typewriter Company .....	34 32	145656	10-29-17	12- 7-17	Claffins, Incorporated .....	824 69
149015	11- 1-17	12-18-17	The Holden Patent Book Cover Com- pany .....	10 85	145670	11- 5-17	12- 7-17	G. F. Blakeslee & Co.....	21 60
146299	7-21-17	12-11-17	<b>College of the City of New York.</b>	580 65	143972		12- 4-17	Department of Docks and Ferries .....	237 09
		12-11-17	The Bitu-Mortar Waterproofing Com- pany .....		144815		12- 6-17	Armour & Co .....	653 75
			<b>Board of City Record.</b>		146114	10- 9-17	12-10-17	Atlas Stationery Corporation .....	30 00
147100	9-19-17. 11-14-17	12-12-17	Clarence S. Nathan, Inc.....	554 65	146942	11- 5-17	12-12-17	H. T. Jarrett .....	100 00
147104	11-14-17. 11-23-17	12-12-17	P. J. Collison & Co.....	289 61	146949	11-10-17	12-12-17	James E. Mitchell & Son .....	492 00
147103	10-11-17. 11-23-17	12-12-17	Oberly & Newell .....	443 65	146954	10-31-17	12-12-17	John Bellmann .....	195 00
149626	10-23-17. 11-19-17	12-19-17	M. B. Brown Printing & Binding Co .....	33 18	146629	11-11-17	12-14-17	Erie Railroad Company .....	37 84
149031	10- 8-17. 11-14-17	12-19-17	William Bratter & Co.....	21 90	146951	11- 1-17	12-12-17	Hammacher, Schlemmer & Co .....	47 53
149630	10-11-17	12-19-17	P. J. Collison & Co.....	15 16	149784	11-24-17	12-20-17	Armstrong Cork Company .....	15 60
149629	10-28-17	12-19-17	Remington Typewriter Company, Inc .....	1 37	149781	3-20-17	12-20-17	Whitall, Tatum Company .....	13 05
147102	11-14-17. 11-23-17	12-12-17	Oberly & Newell .....	363 54	149103	11-27-17	12-17-17	H. T. Jarrett .....	84 38
149191		12-18-17	New York Telephone Company .....	2 50	149104	10-10-17	12-18-17	Tower Manufacturing & Novelty Co .....	50
			<b>Department of Correction.</b>		149102	11- 2-17	12-18-17	Crown Stamp Works .....	40
147145	11-19-17	12-12-17	Benjamin Horton .....	229 20	149792	6- 1-17	12-18-17	A. Blauvelt, Sanitary Bureau .....	1 40
141053	10-20-17	11-23-17	Rumsey Pump and Machine Co.....	182 94	149105	11- 7-17	12-18-17	Adams, Flanigan Co .....	37 37
141515	11-15-17	11-26-17	The Wickham Co.....	30 12	149108	11-24-17	12-18-17	Syndicate Trading Company .....	25 92
143587	10-31-17	12- 3-17	The Texas Company .....	90 00	149109	10-26-17	12-18-17	Herman Kornahrens .....	9 20
143586	7- 6-17. 10- 6-17	12- 3-17	Standard Oil Co. of New York .....	77 90	149775	11- 8-17	12-18-17	E. Leitz, Inc .....	24 40
143588	11-15-17	12- 3-17	Gordon Lumber Co .....	7 50	149791		12-18-17	E. Schoonmaker Co., Inc .....	13 15
143589	10-31-17	12- 3-17	The Texas Company .....	37 50	148565		12-18-17	Rectigraph Company .....	25 78
143592	11- 3-17	12- 3-17	James Y. Watkins & Son, Inc .....	20 70	148566		12-20-17	Howard B. Elliott, Auditor .....	9 75
147156	11-19-17	12-12-17	L. Barth & Son .....	47 74	146786		12-20-17	J. M. Fuller .....	21 83
147164	11-14-17	12-12-17	Greenhut Company .....	140 00	146967		12-17-17	G. F. Warren .....	17 10
143598	7-14-17	12- 3-17	H. W. Johns-Manville Co .....	288 03	146788		12-17-17	David Isaacs .....	335 40
146694	10-27-17	12-11-17	Singer Sewing Machine Company .....	20 39	146789		12-17-17	David Isaacs .....	123 95
146699	11-13-17	12-11-17	Southern Railway Company .....	49 68	146972		12-17-17	Knickerbocker Ice Company .....	106 11
146702	10-31-17	12-11-17	Troy Laundry .....	23 65	146971		12-17-17	Knickerbocker Ice Company .....	375 97
147163	5-24-17. 7-24-17	12-12-17	Department of Correction .....	9,993 00	149098		12-17-17	New York Telephone Company .....	187 19
148799	11- 5-17	12-18-17	J. K. Larkin & Co .....	35 23	149093		12-17-17	Henry Bainbridge & Co .....	1,216 07
148785	1- 8-17	12-18-17	Wright Wire Company .....	3 81	149507		12-17-17	Edward Schroeder Lamp Works .....	

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount	Finance Voucher No.	Invoice Dates or Contract Number.	Received in Depart- ment of Finance.	Name of Payee.	Amount	
150297		12-20-17	Meta Wolleben .....	102 50	149433	11-22-17	12-18-17	The Banks Law Publishing Company..	5 00	
150296		12-20-17	John Boland .....	102 93	149434	11-22-17	12-18-17	A. B. Dick Company.....	3 00	
149912	11-30-17	12-20-17	The New York Mutual Gas Light Co.	8 25	149435	11-24-17	12-18-17	The Banks Law Publishing Company..	3 00	
149911	11-30-17	12-20-17	The Brooklyn Union Gas Co.....	3 98	149436	11-30-17	12-18-17	The Filtrine Manufacturing Company.	16 08	
149910	11-30-17	12-20-17	Consolidated Gas Co. of New York..	7 35	149437	11-24-17	12-18-17	Machine Appliance Corporation.....	1 80	
148860	12- 1-17	12-18-17	Chas. J. Smith & Co.....	4 75	149438	11-26-17	12-18-17	The American Law Book Company..	7 50	
148228		12-15-17	David Hirshfield .....	665 00	149441	11-23-17	12-18-17	Thomas Smith & Son Corporation.....	68 38	
			<b>The Mayoralty.</b>					<b>President of the Borough of Queens.</b>		
148850	12- 1-17	12-18-17	Underwood Typewriter Co., Inc.....	\$5 00	147039	10-25-17	12-12-17	Robt. A. Woloke .....	284 00	
148845	12- 5-17	12-18-17	The Eagle Spring Water Co.....	1 96	147069	11-25-17	12-12-17	James Miele .....	240 00	
148847	11-30-17	12-18-17	Burns Bros. Ice Corporation.....	4 33	147062	10-30-17	12-12-17	Elmhurst Bridge Garage .....	100 00	
148844	11-30-17	12-18-17	New York & Brooklyn Towel Supply Co. .....	4 20	147040	11-30-17	12-12-17	Joseph N. Early .....	198 70	
					147038	5-10-17	12-12-17	Agent and Warden, Sing Sing Prison..	300 00	
			<b>National Guard and Naval Militia.</b>					<b>President of the Borough of Richmond.</b>		
146995		12-12-17	General Baking Co.....	\$158 78	18002	10-31-17	12-18-17	Dr. J. Ed. McNicol.....	50 00	
147000		12-12-17	The National Market.....	425 20	148686		46348	12-17-17	Joseph Bailey .....	37 66
146991		12-12-17	Cornell Lumber Co.....	106 65	148687		46456	12-17-17	John L. Halloran, Trustee under the will of Michael J. Halloran .....	48 51
147001		12-12-17	R. D. Peppe.....	226 35				12-17-17	Mrs. Wormland .....	5 00
147004		12-12-17	William J. Seaton.....	1,301 08	148712	10-26-17			<b>Department of Public Charities.</b>	
147006		12-12-17	Ward Baking Co.....	122 62				12- 7-17	Otis Elevator Company.....	56 95
148460	11-30-17	12-17-17	Remington Typewriter Co.....	\$2 10	145463	11-12-17	12-12-17	George Strong, Harral Co., Inc.....	272 64	
			<b>Bronx Parkway Commission.</b>		146755	8-17-17	12-12-17	Adams Britz & Co., Inc.....	560 00	
134211	9-21-17.10-20-17	11- 5-17	Joseph Morrison's Son.....	\$28 50	146777	10-15-17	12-12-17	Tina Isaacson, assignee of R. & T. Isaacson .....	619 00	
146883	10-31-17	12-12-17	The Philadelphia & Reading Coal & Iron Co. .....	198 56	146775	11-28-17	12-12-17	Flatbush Water Works Company.....	209 81	
			<b>Department of Parks.</b>		148820	11-26-17. 12- 3-17	12-18-17	M. H. Hall .....	30 00	
149493	11-26-17	12-19-17	Lowe Motor Supplies Co.....	\$17 25	148822	11-30-17	12-18-17	Edward Mackey .....	5 50	
			<b>Police Department.</b>		148818	11-13-17	12-18-17	Geo. H. Waters Company.....	15 33	
147125	8-29-17.10-16-17	12-19-17	Garford Motor Truck Company, Inc..	\$221 75	148817	11-23-17	12-18-17	Wm. J. Kennedy Company.....	6 96	
149885	11-30-17	12-20-17	W. & J. Tiebout.....	28 50	148816	10-24-17	12-11-17	The Kny-Scheerer Corporation.....	14 60	
149496	11-23-17	12-19-17	Bronx County Auto Co., Inc.....	5 64	148827	10-19-17.11-16-17	12-18-17	Vought & Williams .....	16 00	
149498	11- 8-17	12-19-17	Lansden Company, Inc.....	30 00	148834	7-26-17.11-20-17	12-18-17	Hamacher, Schlemmer & Co.....	12 60	
149888	11-30-17	12-20-17	Willys-Overland, Inc. ....	2 00	149722		12-19-17	Chas. B. Bacon, Supt.....	23 35	
147109	11- 1-17	12-12-17	S. Tuttle's Son & Co.....	243 10	149727		12-19-17	B. T. Terry, Director.....	7 60	
147116	11- 7-17	12-12-17	Thomas R. Were.....	172 50	149726		12-19-17	William B. Buck, Director .....	6 30	
			<b>President of the Borough of Manhattan.</b>		148808	11-26-17	12-18-17	Jacob Boss .....	58 21	
146646	47742	12-11-17	W. J. Fitzgerald.....	\$10,254 60	148823	11- 7-17	12-18-17	United Motors Service, Inc.....	7 22	
146648	48337	12-11-17	Gasparrini & De Blasio.....	5,922 72	148363	11-23-17	12-17-17	Underwood Typewriter Co., Inc.....	90	
147565	11-30-17	12-13-17	Charles I. Berg .....	25 00	146765	9-28-17.11-21-17	12-12-17	J. S. Bailey Co.....	247 59	
148961	11-26-17	12-18-17	The Terry & Tench Co., Inc.....	75 00	146763	9-21-17.11-13-17	12-12-17	Agent & Warden of Sing Sing Prison..	2,394 56	
148944	11-30-17	12-18-17	The Aztec Asphalt Co., Inc.....	9 28	146776	10-10-17	12-12-17	E. Machlett & Son .....	128 00	
148945	12- 3-17	12-18-17	W. J. Fitzgerald.....	30 90	148358	10-29-17	12-17-17	J. E. Kennedy & Co.....	40 50	
148947	9-19-17	12-18-17	Warner, Quinlan Asphalt Co.....	29 10	148356	12- 1-17	12-17-17	Knauth Brothers .....	19 50	
148953	12-31-16	12-18-17	Real Estate Directory Co., Inc.....	25 00	148361	11- 2-17	12-17-17	H. D. Daugherty & Co., Inc.....	12 60	
148946	11-30-17	12-18-17	The Aztec Asphalt Co., Inc.....	12 90	148359	11-26-17	12-17-17	James T. Dougherty .....	15 00	
148942	11-30-17	12-18-17	The Sicilian Asphalt Paving Co.....	8 93	148341	11-20-17	12-17-17	McKesson & Robbins .....	9 55	
148948	11-17-17	12-18-17	The Asphalt Construction Co.....	25 11	148328	11-26-17	12-17-17	Jacob Boss .....	20 14	
148950	11- 8-17.11-21-17	12-18-17	David Shuldiner, Inc.....	26 40	148813	6-21-17	12-18-17	Newport Uniform Co.....	4 32	
148952	11-30-17	12-18-17	J. Kelly .....	5 50	146781	11- 8-17	12-12-17	Hoffman-Corr Mfg. Co. ....	102 30	
149951	11-30-17	12-18-17	Excelsior Stables, Inc.....	32 50	146752	11-17-17	12-12-17	Lewis De Goff & Son.....	182 74	
			<b>President of the Borough of The Bronx.</b>		146754	11-30-17	12-12-17	Walker-Gordon Laboratory Co.....	122 10	
147011	45106	12-12-17	D. Katz & Co.....	\$28 20	146756	11-13-17	12-12-17	The Holbrook Mfg. Co.....	151 75	
149733		12-19-17	Mortimer Tubridy, Clerk in Charge of Audit and Accounts.....	27 50	146762	10-26-17	12-12-17	White, Washburne Co., Inc.....	324 80	
149734		12-19-17	John W. F. Bennett, Consulting Engi- neer .....	135 35	146761	10-23-17.11-23-17	12-12-17	Swan & Finch Company.....	102 66	
			<b>President of the Borough of Brooklyn.</b>		146774	11-28-17	12-12-17	George Gratz, Jr.....	122 00	
103078	44837	11-23-17	Chamberlain of The City of New York	\$5,084 75	149724		12-19-17	Walter H. Conley, Med. Supt.....	49 60	
145958	44843	12- 8-17	Chamberlain of The City of New York	18,177 48	149723		12-19-17	W. B. Cornell, Director .....	16 82	
117959	46935	9-15-17	Chamberlain of The City of New York	2,172 45	149729		12-19-17	Roy D. Bailey, General Inspector.....	53 76	
151091	45207	10- 9-17	Chamberlain of The City of New York	1,486 70	147626	10-31-17	12-14-17	R. F. Stevens Company .....	85 30	
125108	47750	10- 9-17	Chamberlain of The City of New York	24 75	148348	11- 7-17	12-17-17	American Felt Company .....	9 13	
149394	6-30-17. 7-31-17	12-18-17	Slocum Motor Service, Inc.....	77 24	148349	11-22-17	12-17-17	J. Ehrlich & Sons .....	21 50	
149352	11-27-17	12-18-17	Frederick Loeser & Co., Inc.....	15 00	148350	10-18-17.10-20-17	12-17-17	Meinecke & Co.....	41 04	
149364	11-26-17	12-18-17	Harris & Wellenkamp .....	67 70	148351	11- 9-17	12-17-17	F. Alfred Reichardt & Co., Inc		

## VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE MONDAY, DECEMBER 24, 1917.

A statement is herewith submitted of all vouchers filed in the Department of Finance on this date, in which is shown the Department of Finance voucher number, the date of the invoices or the registered number of the contract, the name of the payee and the amount of the claim. Where two or more bills are embraced in one voucher the date of the earliest is given, excepting that when such vouchers are submitted under a contract the registered number of the contract is shown instead.

WILLIAM A. PRENDERGAST, Comptroller.

Invoice Finance Vouch- er No. Date or Con- tract Number.	Invoice Finance Vouch- er No. Date or Con- tract Number.	Name of Payee.	Amount	Invoice Finance Vouch- er No. Date or Con- tract Number.	Name of Payee.	Amount
County Court, Bronx County.						
151198 Albert Ehler .....	151175 10-16-17	Hall & Boyle .....	7 00	151396 John Jos. Kindred .....	100 00	
151197 Louis M. Peters .....	151176 10-20-17	Wm. B. Taylor .....	42 75	151397 H. Valentine Wildman .....	100 00	
151196 W. & J. Sloane .....	151177 10- 6-17	Geo. H. Beck & Sons .....	53 00	151398 John H. Hogan .....	44 50	
151195 New York Telephone Co. ....	151178 10-26-17	F. J. Canavan .....	63 00	151399 Treasurer of the State of New York .....	1,365 00	
Municipal Court of The City of New York.				151400 Trustees of the Department of Health .....	6,049 00	
151409 12- 7-17 Isidor Greenbaum .....	151179 9-27-17	Edward D. Fox .....	48 00	151401 12-11-17 Max Frank .....	3 00	
151410 12-12-17 Helen C. Crowley .....	151180 10-11-17	Oswald Benedix .....	78 00	151402 12-11-17 Alfred W. Meldon .....	3 00	
151411 10- 8-17 Harry H. Hussey .....	151181 11-10-17	J. L. Fries, Inc. ....	30 00	151403 10-16-17 Walter, Wolff & Fertig .....	3 00	
141412 12- 3-17 Harry C. Perry .....	151182 9-24-17	R. Solomon & Son .....	696 00	151404 11-27-17 Max Berg .....	3 00	
151413 Patrick H. Bird .....	151183 11- 7-17	John Gelshion .....	27 00	151405 11-28-17 Goldman, Heide & Unger .....	3 00	
151414 12- 6-17 James Foley .....	151184 11- 3-17	Hoeker & Booth .....	22 00	151406 11-23-17 Amos H. Stephens .....	33 00	
151415 Terrence J. O'Donnell .....	151185 11- 8-17	E. Brandt .....	35 00	151407 Collector of Assessments and Arrears .....	511 28	
151416 Frank Bulkley .....	151186 10-17-17	Wm. Schuld .....	43 00	151408 Lamar Hardy as Corporation Counsel .....	250 00	
151417 Charles M. Byrle .....	151189	Henry G. Opdycke .....	50 00	National Guard and Naval Militia.		
157418 M. J. Daly .....	151190 10-10-17	J. H. Boozer .....	1 63	151095 8-21-17 The White Co. ....	\$13 20	
151419 12- 5-17 John W. Carpenter .....	151191 10-13-17	Krengel Mfg. Co. ....	52	151096 9-30-17 Whitson's Garage .....	363 54	
151420 William A. Nelson .....	151192 10-14-17	Harry A. Jimmerson .....	41 92	151097 10- 1-17 Wilding & Frahm .....	1 25	
151421 William R. Fagan .....	151193 9-25-17	Pittsburgh Plate Glass Co. ....	11 00	151098 8- 3-17 Wire Wheel Corp. of Am. ....	25 00	
151422 James T. Kelty, Jr. ....	151197 6-21-17	The A. S. Barnes Co. ....	56 03	151012 Alfred G. Erler .....	315 00	
151423 Levi Nowlin .....	151188 6-20-17	Educational Pub. Co. ....	22 04	151013 10- 1-17 L. S. Ignition & Starter Co. ....	45 00	
County Clerk, Queens County.				151014 9- 1-17 Lent & Burchetta .....	4 95	
151291 New York Telephone Co. ....	151194 4-18-17	Glen Rock Desk Co. ....	599 10	151015 McCay & Co. ....	90 35	
151290 Alex Dujat .....	151154 10- 1-17	Fr. Jos. Unger .....	12 20	151016 9- 4-17 George E. McCoy .....	695 15	
151292 Chas. Pickler .....	151155 9-25-17	Lignum Carpenter Works ..	26 31	151017 10-18-17 Mt. Pleasant Garage .....	3 40	
County Clerk, Bronx County.				151018 9- 5-17 Neperhan Valley Garage .....	2 86	
151280 Nicholas J. Eberhard .....	151156 9-12-17	Julius Haas & Sons .....	1 38	151019 North End Garage Corp. ....	18 50	
Board of City Record.				151020 8- 1-17 The Park Garage .....	168 57	
151288 Jos. N. Quail .....	151157 9-19-17	Henry Pearl & Sons Co. ....	16 60	151021 William Parkinson Motor Sales Co. ....	2 50	
Department of Correction.				151022 Peekskill Garage .....	2 00	
151387 Frank W. Fox .....	151158 9-29-17	William Sacks Roofing and Contr. Co. ....	18 13	151023 9- 1-17 Lloyd Plass .....	643 36	
151386 12-18-17 Fred Pearl .....	151159 10- 2-17	John F. Ferguson .....	26 87	151024 9-28-17 W. H. Powell .....	1 40	
151387 Charles D. Olmstead .....	151160 9-19-17	Herman Sacks Roofing and Contr. Co. ....	50 45	151025 9-24-17 Oliver H. Quimby .....	270 47	
District Attorney, Richmond County.				151026 10- 1-17 R. H. Rawlings Motor Co. ....	95 72	
151289 12-14-17 Baker, Voorhis & Co. ....	151161 9-19-17	I. Youdelman .....	5 05	151027 9- 8-17 Rice's Stables .....	60 00	
District Attorney, New York County.				151028 5-24-17 Amos Shirley .....	168 39	
151262 Edward Swann .....	151162 9-19-17	American Ornamental Iron Works .....	17 19	151029 Armstrong's Express .....	14 00	
151263 12- 1-17 L. C. Smith Bros. Type- writer Co. ....	151163 9-28-17	American Ornamental Iron Works .....	151030 9-30-17 W. & V. Beecroft .....	18 59		
151264 Geo. Hoerr .....	151164 9-28-17	American Ornamental Iron Works .....	151031 9-20-17 Oliver L. Bell .....	295 50		
151265 Postal Telegraph & Cable Co. ....	151165 6-11-17	H. A. Jimmerson .....	151032 10- 1-17 William L. Burnett .....	6 24		
151266 12-11-17 J. J. Little & Ives Co. ....	151166 10- 2-17	Herman Sacks Roofing and Contr. Co. ....	10 85	151033 10- 4-17 Broadway Garage .....	4 00	
151267 R. L. Polk & Co., Inc. ....	151167 10- 1-17	I. Youdelman .....	151034 10- 5-17 M. W. Cass .....	80 00		
151268 12-10-17 West Publishing Co. ....	151168 9-22-17	M. Barash .....	151035 10- 5-17 Frank Davis & Co. ....	17 17		
151269 11-30-17 The Banks Law Pub. Co. ....	151169 9-24-17	John Kolenik, Jr., & Co., Inc. ....	151036 10- 9-17 Disbrow Bros. ....	25 00		
151270 Marie Cocchi .....	151170 10-22-17	Andrew Gray Co. ....	151037 3- 1-17 Donohue's Garage .....	13 93		
151271 12-15-17 B. Altman & Co. ....	151171 9- 4-17	Edward E. Stapleton .....	151038 10-31-17 Foshay's Bike Garage .....	45 13		
Department of Docks and Ferries.				151039 9-19-17 Fred Francis .....	15 00	
151298 48311 Coastwise Dredging Co. ....	151172 10- 4-17	John Buchanan .....	100 00	151040 9-20-17 N. W. Gage .....	103 50	
151299 44945 Great Lakes Dredge & Dock Co. ....	151173 9-24-17	Herman Sacks Roofing and Contr. Co. ....	151041 8-27-17 Garland Automobile Co. ....	135 00		
151300 48143 Pattison & Bowns .....	151174 9-11-17	Societies .....	151042 9-29-17 J. E. Garland .....	12 00		
151301 47740 John A. Casey Co. ....	151175 9-20-17	Landay Bros. ....	151043 8-28-17 Gibson & Domhan Co. ....	200 00		
151302 46418 New York Telegraph Co. ....	151176 9-11-17	Hinds, Hayden & Eldredge .....	151044 10-18-17 Hillander Sales & Service..	33 70		
151303 New York Central R. R. Co. ....	151177 8-20-17	Bausch & Lomb Optical Co. ....	151045 10-29-17 Frank C. Jock .....	212 50		
151304 11- 8-17 S. Haber .....	151178 8-20-17	Fire Department.	151046 10-29-17 The Hub Garage .....	15 68		
151305 Burns Bros. Ice Corp. ....	151179 7- 7-17	Hugh Gillen .....	151047 9-20-17 Courtney Hyde .....	117 00		
151306 Burns Bros. Ice Corp. ....	151180 9-13-17	William Seymour .....	151048 9-29-17 Leonard Jaycox .....	63 25		
151307 12- 1-17 C. D. Durkee & Co. ....	151181 9-19-17	Thomas J. Roughan .....	151049 10- 1-17 Edwin M. Jones .....	19 05		
151308 12-10-17 Hamilton Bank Note En- graving & Printing Co. ....	151182 9-22-17	Antonio Festa .....	151050 10-15-17 Johnston's Garage .....	548 50		
151309 12-14-17 Obrig Camera Co. ....	151183 9-24-17	Jeremiah Reardon .....	151051 10-31-17 Capt. Jerome Kingsbry .....	27 06		
151310 11-30-17 Belmont Packing & Rubber Co. ....	151184 9-24-17	Jos. H. Monaco .....	151052 8-31-17 John Kleber .....	30 75		
151311 12- 4-17 K-G Welding & Cutting Co., Inc. ....	151185 9-24-17	Rose Marsch .....	151053 9-23-17 James F. Levens .....	9 07		
151312 11- 8-17 Gerry & Murray .....	151186 9-28-17	Samuel Newberg .....	151054 Frank Miller Auto Repairs Shop .....	55 91		
151313 6-28-17 Fred'l Starr Cont. Co. ....	151187 12-13-17	Max Miller .....	151055 10- 2-17 The Montross Stable .....	75 00		
151314 12- 5-17 Greenpoint Iron Foundry Co., Inc. ....	151188 12-17-17	Miscellaneous.	151056 9-10-17 Ossining Garage Co. ....	33 45		
151315 Babcock & Wilcox Co. ....	151189 12-17-17	Thos. C. Whitlock .....	151057 New York .....	194 48		
151316 12- 1-17 Fuller Bros. & Co. ....	151190 12-17-17	John M. O'Neill .....	151058 Peekskill Radiator Works..	15 00		
151317 J. P. Duffy Co. ....	151191 12-17-17	Broadway and 96th Street	151059 Lloyd Plass Garage .....	30 00		
151318 12-12-17 Stanley & Patterson .....	151192 12-17-17	Realty Co. ....	151060 8-31-17 Ronk's Wallkill Garage .....	20 00		
151319 12- 7-17 Henry Pearl & Sons Co. ....	151193 12-17-17	Academy of Mt. St. Ursula, Inc. ....	151061 10- 3-17 Sellech Bros. Garage .....	50 82		
151320 Port Morris Roofing Co. ....	151194 12-17-17	Roxton Realty Co. ....	151062 10-26-17 Armour & Co. ....	1,678 38		
151321 Hayden & Derby Mfg. Co. ....	151195 12-17-17	Mary Olmstead .....	151063 10-26-17 Austin, Nichols & Co., Inc. ....	542 93		
151322 12-10-17 American Ever Ready Works	151196 12-17-17	Daniel W. Quinn .....	151064 10-26-17 Boston Shoe Rebuilders....	154 70		
151323 11-30-17 Pittsburgh Pneumatic Co. ....	151197 12-17-17	Amelia M. Malone .....	151065 11-17-17 Stanton Curry, M. D. ....	15 00		
151324 1-16-1						

Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	Invoice Finance Date Vouch- or Con- er No. tract Number.	Name of Payee.	Amount.	
151071	Wm. Parkinson Motor Sales Co., Inc.	11 25	151363	N. Y. Public Library	2,948 99	151249	11- 9-17	The Danzer Wagon Works	47 50
151072	9-25-17 Paul Schmid	7 52	151365	National Equipment Co.	20 00	151250	11- 9-17	Bergstrom & Bass	7 94
151073	9- 8-17 Walter Scribner	99 00	151366	Robt. F. Valentine	66 00	151251	11-24-17	The Standard Scale and Sup. Co.	4 50
151074	Seager's Garage, Inc.	4 38	151367	46972 N. Y. Tel. Co.	643 07	151252	10-20-17	General Motors Truck Co.	9 75
151075	S. K. Singer	287 55	151484	11- 5-17 Mauro Yarusso	\$25 50	151253	11- 8-17	Bergstrom & Bass	6 42
151076	10-10-17 Sloan & Clipper, Inc.	73 90	151485	7-12-17 Arnold Levien Iron Works	95 24	151254	11-30-17	General Motors Truck Co.	15 50
151077	10-17-17 Smith's Auto Service	1 00	151460	2-20-17 John R. Tole	204 00	151255	11-30-17	General Motor Truck Co.	28 50
151078	10- 2-17 John L. Smith	10 50	151461	11-30-17 M. B. Brown P. & B. Co.	9 00	151256	11- 8-17	Midwood Garage	18 00
151079	9- 1-17 Louis Smith	226 05	151462	12- 7-17 Powers Accounting Machine Co.	11 15	151257	11-20-17	Stucco Garage	10 00
151080	10- 2-17 Standard Oil Co. of N. Y.	261 03	151463	12- 7-17 Climax Stationery Co.	410 40	151258	9-15-17	Cranford Co.	975 00
151081	10-11-17 Star Auto Lamp Works	20 54	151464	12-12-17 Standard Oil Co. of N. Y.	211 80	151259	9-28-17	Rudolph Reimer	2,730 00
151082	8- 1-17 Stubley's Garage & Auto Co.	10 98	151465	Library Bureau	151260	12- 3-17	Alfred W. Hall	75 00	
151083	9-29-17 Sullivan-Butler, Inc.	174 82	151466	11-28-17 Splitdorf Electrical Co. of New York	151222	11-30-17	A. Rudolph	14 80	
151084	10-31-17 M. Sussman	4 00	151467	11-27-17 Ranier Motor Corp.	151223	9- 1-17	Slocum Motor Service	45 05	
151085	10- 6-17 The Texas Co.	66 45	151468	12- 1-17 The A Z Co.	20 00	151224	11-24-17	Graphic Duplicator Co.	3 50
151086	10- 1-17 Tiffany Diamond Garage	74 16	151469	12- 1-17 Fronten & Co.	5 25	151225	10-27-17	A. W. Brown Electric Co.	3 92
151087	10- 1-17 Trinity Garage	6 00	151470	12- 7-17 Colt, Stratton Co.	68 59	151226	10-30-17	A. Pearson's Sons	17 00
151088	Tri-State Supply Co.	385 77	151471	Lansden Co., Inc.	151227	11-20-17	Royal Eastern Elec. Sup. Co.	1 98	
151089	10- 1-17 Valhalla Livery Stable	5 41	151472	Standard Auto Radiator Co.	123 50	151228	8-10-17	Godfrey, Keeler Co.	59 60
151090	10- 5-17 John Van Benschoten	35 64	151473	11-30-17 Edison Storage Battery Co.	7 85	151229	12- 3-17	Paul Ayres Co.	42 99
151091	8-11-17 Van Cortlandt Garage	1 50	151474	11-27-17 Star Rubber and Tire Co.	49 38	151230	12- 3-17	C. W. Keenan	15 35
151092	10-12-17 G. A. Van Nosdall	12 00	151475	12- 3-17 H. & F. Mesinger Mfg. Co.	1 50	151231	6-15-17	Godfrey, Keeler Co.	395 00
151093	11- 1-17 D. W. Weil's	15 10	151476	12- 3-17 Gardiner Binding and Mailing Co.	10 00	151232	10- 4-17	Joseph Ryan	44 00
151094	Henry B. Welsh	490 00	151477	11-30-17 Castleton Motor Car Co.	4 50	151233	10- 9-17	The Industrial House for the Blind	1 15
<b>Bronx Parkway Commission.</b>									
151210	11-30-17 American Blue Print Co.	\$27 38	151478	Standard Tire and Tube Works	7 40	151234	10-16-17	A. W. Brown Elec. Co.	34 50
151211	11-30-17 Gimbel Bros.	11 24	151479	11- 7-17 Hetzer Bros.	21 10	151236	46430	President of the Borough of Brooklyn.	\$575 97
151212	11-14-17 Keuffel & Esser Co.	21 94	151480	11- 2-17 The A Z Co.	31 70	151237	44990	Henry E. Kordes Co., Inc.	3,754 12
151213	1-15-17 Monighan Machine Co.	75 00	151481	11-30-17 Victor Welding Works	151238	47620	Frank H. Quimby	4,500 00	
151214	11-13-17 Chas. Rockwell & Co., Inc.	8 25	151482	11-30-17 Victor Welding Works	151239	151239	Cranford Bros.		
151215	12- 1-17 White Plains Daily Record	4 72	151483	11- 6-17 Triple Action Spring Co.	151240	151240			
151216	Guy Vroman	11 04	151484	of New York	151242	151242			
151217	Fleming, O'Brien & McEntegart	2,863 70	151485	12-14-17 Grant Crabtree	50 28	151246	151246		
151199	Geo. R. Hiltz	63 35	151486	12- 1-17 Michael R. Brennan	8 58	151427	151427		
151200	10-31-17 Hermann W. Merkel	426 70	151487	12- 1-17 Jos. Kever	65 25	151428	151428		
151201	The New York Law Journal	10 00	151488	12- 1-17 Frederick F. Franklin	11 80	151429	151429		
151202	11- 9-17 Tower Mfg. and Nov. Co.	30 31	151489	11-30-17 Michael Smith	9 61	151293	151293		
151203	11-15-17 Standard Oil Co. of N. Y.	533 16	151490	12-13-17 James F. McCoy	4 40	151294	151294		
151204	11-15-17 Wm. A. Haussler	14 40	151491	12-14-17 Thomas S. Hughes	6 09	151295	151295		
151205	6-30-17 Lawyers Title and Tr. Co.	515 96	151492	11- 1-17 Western Union Tel. Co.	202 76	151296	151296		
151206	Crownbar Const. Co.	220 75	151493	11- 1-17 The Queens County Water Co.	2 20	151297	151297		
151207	Henry Barrett	165 50	151494	12- 4-17 N. Y. and Queens Electric Light and Power Co.	1 25	151287	151287		
151208	Dudley F. Valentine	95 00	151495	12- 4-17 Imperial Laundry	151288	151288			
151209	H. J. Campbell	101 10	151496	11-20-17 Atlantic and Nostrand Gar.	20 00	151289	151289		
<b>Department of Parks, Borough of Brooklyn.</b>									
151442	45671 O'Brien & Mulligan	\$43 10	151497	10- 8-17 Jos. J. Bloeth	7 00	151290	151290		
151443	47958 Standard Oil Co.	36 05	151498	10-27-17 A. W. Brown Elec. Co.	151291	151291			
151444	46707 New York Tel. Co.	153 55	151499	12- 1-17 Van Brunt Tandy	151292	151292			
151445	46228 Edward H. Mooney	1,290 50	151500	9-27-17 Standard Oil Co. of N. Y.	151293	151293			
151446	12-20-17 Edward S. Ryan	20 00	151501	11- 8-17 Midwood Garage	151294	151294			
151447	William Morris	54 00	151502	11-20-17 Stucco Garage	151295	151295			
151448	7- 7-17 Flatbush Water Works Co.	106 48	151503	12- 3-17 E. Belcher Hyde	151296	151296			
151449	Dept. of Water Supply, Gas and Electricity	1 00	151504	11-20-17 Hood Tire Co.	151297	151297			
151450	Bureau of Highways	141 45	151505	12- 3-17 The Goodyear Tire and Rubber Co.	151298	151298			
151451	Brooklyn Inst. of Arts and Sciences	2,411 55	151506	96 10	151299	151299			
<b>Department of Parks, Borough of The Bronx.</b>									
151424	47958 Standard Oil Co. of N. Y.	\$332 64	151507	25 00	151285	151285			
<b>Department of Parks, Boroughs of Manhattan and Richmond.</b>									
151364	The American Museum of Natural History	\$1,464 47	151508	12- 3-17 Martin Evans Co.	151286	151286			
151362	Jos. E. Savage	268 01							

**Borough of Manhattan.****BUREAU OF BUILDINGS.**

*Report for Week Ended Dec. 15, 1917.*  
Plans filed: For new buildings, 2; estimated cost, \$12,000. For alterations, 45; estimated cost, \$821,450. Buildings reported as unsafe, 52; other violations of law reported, 203; exit orders, 7.

**OFFICIAL DIRECTORY.**

Unless otherwise stated, the Public Offices of the City are open for business from 9 a. m. to 5 p. m.; Saturday, 9 a. m. to 12 noon.

**CITY OFFICES.**

**MAYOR'S OFFICE.** City Hall, Telephone, 1000 Cortlandt. John Purroy Mitchel, Mayor. Theodore Roosevelt, Secretary. Samuel L. Martin, Executive Secretary. Paul C. Wilson, Assistant Secretary. Bureau of Weights and Measures. Municipal Building, 3d floor. Telephone, 1498 Worth. Fred H. Tighe, Deputy and Acting Commissioner.

**COMMISSIONER OF ACCOUNTS.** Municipal Building, 12th floor. Telephone

**MUNICIPAL REFERENCE LIBRARY.**  
Municipal Building, 5th floor. Telephone, 1072 Worth. 9 a. m. to 5 p. m.; Saturday, to 1 p. m.

**DEPARTMENT OF PARKS.**  
Municipal Building, 10th floor. Telephone, 4850 Worth. Robert F. Valentine, Commissioner, Manhattan and Richmond.

**Borough of Brooklyn.**  
Litchfield Mansion, Prospect Park, Brooklyn. Telephone, 2300 South. Raymond V. Ingersoll, Commissioner.

**Borough of The Bronx.**  
Zbrowski Mansion, Claremont Park. Telephone, 2040 Tremont. Thomas W. Whittle, Commissioner.

**Borough of Queens.**  
The Overlook, Forest Park, Richmond Hill. L. I. Telephone, 2300 Richmond Hill. John E. Weier, Commissioner.

**PARK BOARD.**  
Municipal Building, 10th floor. Telephone, 4850 Worth. Robert F. Valentine, President; Louis W. Fehr, Secretary.

**PARKS COMMISSION.**  
Municipal Building, 24th floor. Telephone, 2254 Worth. Thomas R. Minnick, Secretary.

**DEPARTMENT OF PLANT AND STRUCTURES.**  
Municipal Building, 18th floor. Telephone, 380 Worth. F. H. Kracke, Commissioner.

**EXAMINING BOARD OF PLUMBERS.**  
Municipal Building, 9th floor. Telephone, 1800 Worth. Janet A. G. Hahn, Clerk.

**POLICE DEPARTMENT.**  
240 Centre st., Telephone, 3100 Spring. Arthur Woods, Commissioner.

**DEPARTMENT OF PUBLIC CHARITIES.**  
Principal office, Municipal Building, 10th floor. Telephone, 4440 Worth. John A. Kingsbury, Commissioner.

Brooklyn and Queens, 327 Schermerhorn st., Brooklyn. Telephone, 2977 Main.

Bureau of Social Investigation, Pearl and Centre sts., Telephone, 4405 Worth.

Borough of Richmond, Borough Hall, St. George, S. I., Telephone, 1000 Tompkinsville.

**DEPARTMENT OF PUBLIC MARKETS.**  
Municipal Building. Henry Moskowitz, Commissioner.

**PUBLIC SERVICE COMMISSION.**  
120 Broadway, 8 a. m. to 11 p. m., every day, including holidays and Sundays. Telephone, 7500 Rector. Oscar S. Straus, Chairman.

James B. Walker, Secretary.

**BOARD OF REVISION OF ASSESSMENTS.**  
Municipal Building, 7th floor. Telephone, 1200 Worth. John Korb, Jr., Chief Clerk.

**COMMISSIONERS OF SINKING FUND.**  
Office of Secretary, Municipal Building, 7th floor. Telephone, 1200 Worth. John Korb, Jr., Secretary.

**BOARD OF STANDARDS AND APPEALS.**  
Municipal Building, 9th floor. Telephone, 184 Worth. Rudolph P. Miller, Chairman.

**DEPARTMENT OF STREET CLEANING.**  
Municipal Building, 12th floor. Telephone, 4240 Worth. John T. Fetherston, Commissioner.

**DEPARTMENT OF TAXES AND ASSESSMENTS.**  
Municipal Building, 9th floor. Telephone, 1800 Worth. Lawson Purdy, President.

C. Rockland Tyng, Secretary.

**TENEMENT HOUSE DEPARTMENT.**  
Manhattan and Richmond office, Municipal Building, 19th floor, Telephone, 1526 Worth. Brooklyn and Queens office, 503 Fulton st., Brooklyn. Telephone, 3825 Main. Bronx office, 391 E. 149th st. Telephone, 7107 Melrose. John J. Murphy, Commissioner.

**BOARD OF WATER SUPPLY.**  
Municipal Building, 22nd floor. Telephone, 3150 Worth. Charles Strauss, President.

George Featherstone, Secretary.

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.**  
Municipal Building, 23d, 24th and 25th floors. Telephones: Manhattan, 4320 Worth; Brooklyn, 3980 Main; Queens, 3441 Hunters Point; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont. Brooklyn, 50 Court st., Tremont, and Arthur aves. Queens, Municipal Building, L. I. City. Richmond, Municipal Building, St. George. William Williams, Commissioner.

**BOROUGH OFFICES.**

**BOROUGH OF THE BRONX.**  
President's office, 3d and Tremont aves. Telephone, 2680 Tremont. Douglas Mathewson, President.

**BOROUGH OF BROOKLYN.**  
President's office, 2d floor, Borough Hall. Telephone, 3960 Main. Lewis H. Pounds, President.

Commissioner of Public Works, 2d floor, Borough Hall.

Assistant Commissioner of Public Works, 2d floor, Borough Hall.

Bureau of Highways, 5th and 12th floors, 50 Court st.

Bureau of Public Buildings and Offices, 10th floor, 50 Court st.

Bureau of Sewers, 10th floor, 215 Montague st.

Bureau of Buildings, 4th floor, Borough Hall.

Topographical Bureau, 209 Montague st.

Bureau of Substructures, 11th floor, 50 Court st.

**BOROUGH OF MANHATTAN.**

President's office, 20th floor, Municipal Building.

Commissioner of Public Works, 21st floor, Municipal Building.

Assistant Commissioner of Public Works, 21st floor, Municipal Building.

Bureau of Highways, 21st floor, Municipal Building.

Bureau of Public Buildings and Offices, 20th floor, Municipal Building.

Bureau of Sewers, 21st floor, Municipal Building.

Bureau of Buildings, 20th floor, Municipal Building.

Telephone, 4227 Worth.

Marcus M. Marks, President.

**BOROUGH OF QUEENS.**

President's office, 68 Hunters Point ave., L. I. City.

Telephone, 5400 Hunters Point.

Maurice E. Connolly, President.

**BOROUGH OF RICHMOND.**

President's office, New Brighton. Telephone, 1000 Tompkinsville.

Calvin D. Van Name, President.

**COBONDS.**

Manhattan, Municipal Building, 2nd floor.

Open at all hours of the day and night. Telephone, 3711 Worth.

Bronx, Arthur and Tremont aves. Telephone, 1250 Tremont. 8 a. m. to midnight, every day.

Brooklyn, 236 Duffield st. Telephone, 4004 Main. Open at all hours of the day and night.

Queens, Town Hall, Jamaica. 9 a. m. to 10 p. m.; Sundays and holidays, 9 a. m. to 12 noon.

Richmond, 175 Second st., New Brighton.

Open at all hours of the day and night.

#### COUNTY OFFICES.

Unless otherwise stated, the County offices are open for business from 9 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 noon.

#### NEW YORK COUNTY.

**COUNTY CLERK.**  
County Court House. Telephone, 5388 Cortlandt. Wm. F. Schneider, County Clerk.

**DISTRICT ATTORNEY.**  
Criminal Court Building, 9 a. m. to 5:15 p. m.; Saturdays, to 12 noon. Telephone, 2304 Franklin. Edward Swann, District Attorney.

**COMMISSIONER OF JUBORS.**  
280 Broadway. Telephone, 241 Worth. Frederick O'Hearn, Commissioner.

**PUBLIC ADMINISTRATOR.**  
Hall of Records. Telephone, 3406 Worth. William M. Hoes, Public Administrator.

**COMMISSIONER OF RECORDS.**  
Hall of Records. Telephone, 3900 Worth. Charles K. Lexow, Commissioner.

**REGISTER.**  
Hall of Records. Telephone, 3900 Worth. John J. Hopper, Register.

**SHERIFF.**  
51 Chambers st. Telephone, 4300 Worth. New York County Jail, 70 Ludlow st. Alfred E. Smith, Sheriff.

**SURROGATES.**  
Hall of Records. Telephone, 3900 Worth. John P. Cohalan, Robert Ludlow Fowler, Surrogates.

William Ray De Lano, Chief Clerk.

John F. Curry, Commissioner of Records.

#### KINGS COUNTY.

**COUNTY CLERK.**  
Hall of Records. Telephone, 4930 Main. William E. Kelly, County Clerk.

**COUNTY COURT.**  
County Court House. Court open at 10 a. m. daily and sits until business is completed.

Part I, Room 23; Part II, Room 10; Part III, Room 14; Part IV, Room 1. Court House Clerk's Office. Rooms 17, 18, 19 and 22; open daily from 9 a. m. to 5 p. m.; Saturday to 12 noon. Telephone, 4154 Main. John L. Grav, Chief Clerk.

**DISTRICT ATTORNEY.**  
66 Court st., 9 a. m. to 5:30 p. m.; Saturday, to 1 p. m. Telephone, 2954 Main. Harry E. Lewis, District Attorney.

**COMMISSIONER OF JURORS.**  
381 Fulton st. Telephone, 330-331 Main. Jacob Brenner, Commissioner.

**PUBLIC ADMINISTRATOR.**  
44 Court st., Telephone, 2840 Main. Frank V. Kelly, Public Administrator.

**COMMISSIONER OF RECORDS.**  
Hall of Records. Telephone, 5988 Main. Edmund O'Connor, Commissioner.

**REGISTER.**  
Hall of Records. Telephone, 2830 Main. Edward T. O'Loughlin, Register.

**SHERIFF.**  
50 Court st., Telephone, 6845 Main. Edward Riegelmann, Sheriff.

**SURROGATE.**  
Hall of Records. Court opens at 10 a. m. Telephone, 3954 Main. Herbert T. Ketcham, Surrogate.

John H. McCahey, Chief Clerk.

#### BRONX COUNTY.

**COUNTY CLERK.**  
Civil Records—161st st. and 3d ave. Telephone, 9266 Melrose.

Criminal Branch, 1918 Arthur ave. James Vincent Gandy, County Clerk.

**COUNTY JUDGE.**  
Bergen Building Annex, Tremont and Arthur aves. Telephone, 3205 Tremont. Louis D. Gibbs, County Judge.

**DISTRICT ATTORNEY.**  
Tremont and Arthur aves. Telephone, 1100 Tremont. Francis Martin, District Attorney.

**COMMISSIONER OF JURORS.**  
1932 Arthur ave. Telephone, 3700 Tremont. John A. Mason, Commissioner.

**PUBLIC ADMINISTRATOR.**  
2808 Third ave., Telephone, 9816 Melrose. Ernest E. L. Hammer, Public Administrator.

**REGISTER.**  
1932 Arthur ave. Telephone, 6694 Tremont. Edward Polak, Register.

**SHERIFF.**  
1932 Arthur ave. Telephone, 6600 Tremont. James F. O'Brien, Sheriff.

**SURROGATE.**  
Bergen Building Annex, 1918 Arthur ave. George M. S. Schulz, Surrogate.

#### QUEENS COUNTY.

**COUNTY CLERK.**  
364 Fulton st., Jamaica. Telephone, 2608 Jamaica.

Alexander Dujat, County Clerk.

**COUNTY COURT.**  
County Court House, L. I. City. Telephone, 5961 Hunters Point.

Court opens 10 a. m. Trial Term begins first Monday of each month, except July, August and September, and on Fridays of each week. Clerk's office open 9 a. m. to 5 p. m.; Saturday to 12:30 p. m. Telephone, 551 Jamaica. County Judge's office always open at 336 Fulton st., Jamaica. Telephone, 551 Jamaica. Burt Jay Humphrey, County Judge.

**DISTRICT ATTORNEY.**  
County Court House, L. I. City. Telephone, 3871 Hunters Point. 9 a. m. to 5 p. m.; Saturday to 12 noon. Denis O'Leary, District Attorney.

**COMMISSIONER OF JURORS.**  
963 Hunters Point. Telephone, 3700 Franklin. Thordyke C. McKenney, Commissioner.

**PUBLIC ADMINISTRATOR.**  
362 Fulton st., Jamaica. Telephone, 223 Jamaica. Randolph White, Public Administrator.

**SHERIFF.**  
County Court House, L. I. City. Telephone, 3766 Hunters Point. Samuel J. Mitchell, Under Sheriff.

**SURROGATE.**  
364 Fulton st., Jamaica. Telephone, 397 Jamaica. Daniel Noble, Surrogate.

#### RICHMOND COUNTY.

**COUNTY CLERK.**  
County Office Building, Richmond. Telephone, 28 New Darr.

C. Livingston Postwick, County Clerk.

**COUNTY JUDGE AND SURROGATE.**  
Court Terms, with Grand and Trial Jury, second Monday of March, first Monday of October. Trial Terms, with Trial Jury only, first Monday of May, first Monday of December.

Special Terms, without jury, Wednesday of each week, except the last week of July, the month of August and the first week of September.

**Surrogate's Court.**

Monday and Tuesday of each week at Borough Hall, St. George, and on Wednesday at the Surrogate's Court at Richmond, except during the session of the County Court. There will be no Surrogate's Court during the month of August.

**Surrogate's Court and Office, Richmond.**

Surrogate's Chambers, Borough Hall, St. George.

J. Harry Tiernan, County Judge and Surrogate.

**DISTRICT ATTORNEY.**

Borough Hall, St. George. Telephone, 50 Tompkinsville, 9 a. m. to 5 p. m.; Saturday, to 12 noon.

Albert C. Fach, District Attorney.

**COMMISSIONER OF JURORS.**

Village Hall, Stapleton. Telephone, 81 Tompkinsville, 12 New Darr.

Edward J. Miller, Commissioner.

**PUBLIC**

## DEPARTMENT OF FINANCE.

## Sales of Tax Liens.

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements upon Lands and Tenements within that part of the City of New York, now known and described as the Borough of Manhattan, affecting Property as shown on the Tax Map of said City for said Borough of Manhattan.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

Under the direction of Hon. William A. Prendergast, Comptroller of the City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of Chapter 17, Title 5, of the Greater New York Charter:

That the respective owners of the lands and tenements are shown upon the Tax Map of said City for said Borough, on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable, have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, are required to pay the amount of said taxes, assessments and water rents together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to November 15, 1917 (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents affecting said properties contained in assessment rolls down to and including the assessment roll of the City of New York for the year nineteen hundred and sixteen and all assessments for local improvements affecting said properties confirmed and entered up to November 4, 1917, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate provided by law from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office on the third floor of the Municipal Building, situated at Centre st., Duane st. and Park Row, Borough of Manhattan, in the City of New York.

AND NOTICE IS HEREBY GIVEN that if default be made in such payment the lien of the City of New York upon any of said lands and tenements for any tax, assessment or water rent which became a lien so as to be due and payable before November 15, 1917, will be sold at Public Auction in Room 310, third floor, Municipal Building, Borough of Manhattan, in the City of New York on

THURSDAY, MARCH 7, 1918.

at two-thirty o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing the said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessment for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of the City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises so as to be due and payable on and after the date stated in the first advertisement of said sale as stated herein, namely the 15th day of November, 1917 (i. e., the lien for and right of the City of New York to collect and receive all taxes and water rents, included in the assessment rolls of the City of New York for the years subsequent to 1916, and assessments for local improvements entered subsequent to November 4, 1917).

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected showing section or ward, block and lot number thereof as the same may be on the Tax Map of the City of New York for the Borough of Manhattan, a description of which is indicated thereby and by the assessment rolls, and the tax liens thereon, which are to be sold, is as follows:

Location and Description of Property.						
Lien	New	Location	Assessed to	Taxes.		
No.	Description.	Street or Avenue.	Between Streets	(This Name Appears Upon the Tax and Assessment Rolls).	Year of Levy.	Amount.
Sec.	Blk.	Lot.	Side.			
9054	5	1500	2	Fifth Avenue E. 88th and 89th Sts.	Philip Livingston	1914, 2d hf. \$2,447.50

Dated, New York, November 28, 1917.  
This notice applies to arrears as of November 15, 1917.  
DANIEL MOYNAHAN, Collector of Assessments and Arrears of The City of New York.  
n28,d5,12,19,26,j2,9,16,23,30,16,13,20,27,m6

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements Upon Lands and Tenements Within That Part of the City of New York Now Known and Described as the Borough of The Bronx, Embraced in Sections 14, 15, 16, 17 and 18 (Formerly 24th Ward Annexed Territory).

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

Under the direction of Hon. William A. Prendergast, Comptroller of the City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of Chapter 17, Title 5, of the Greater New York Charter:

That the respective owners of the lands and tenements in the Borough of The Bronx, in the City of New York, embraced in Sections 14, 15, 16, 17 and 18 (formerly 24th Ward, Annexed Territory), as said lands and tenements are shown upon the Tax Map of said City for said Borough on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable, are required to pay the amount of said taxes, assessments and water rents, together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to March 15th, 1917 (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents affecting said properties contained in assessment rolls down to and including the assessment roll of the City of New York for the year 1916, and all assessments for local improvements affecting said properties confirmed and entered up to March 4th, 1917, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate provided by law from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office on the fourth floor of the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx, in the City of New York, on

MONDAY, FEBRUARY 25, 1918.

at two-thirty o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing the said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessments for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of the City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises so as to be due and payable on and after the date stated in the first advertisement of said sale as stated herein, namely, the 15th day of March, 1917 (i. e., the lien for and the right of the City of New York to collect and receive all taxes and water rents, included in the assessment rolls of the City of New York for the years subsequent to 1916, and assessments for local improvements entered subsequent to March 4, 1917).

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected showing section or ward, block and lot number thereof as the same may be on the Tax Map of the City of New York for the Borough of The Bronx and the tax liens thereon which are to be sold, is published in a pamphlet and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears in the Boroughs of The Bronx and Manhattan and will be delivered to any person applying for the same.

Dated, New York, November 14, 1917.

DANIEL MOYNAHAN, Collector of Assessments and Arrears of The City of New York.

This notice applies to arrears as of March 15, 1917.

n14,21,28,d5,12,19,26,j2,9,16,23,30,f6,13,20,25

## Corporation Sale of Real Estate.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

MONDAY, DECEMBER 31, 1917,

at 12 noon, in Room 368, Municipal Building,

Manhattan, the following described property:

All that certain piece or parcel of land, situate in the Town of Phillipstown, County of Putnam and State of New York, designated as Parcel 311B on Map Acc. E-671, entitled "Board of Water Supply of the City of New York, Map showing property of the New York Central Railroad Company and City of New York, situated in the Town of Phillipstown, Putnam County, and in the Town of Fishkill, Dutchess County, State of New York," bounded and described as follows:

Beginning at the most southerly corner of that parcel designated as Parcel No. 313A on said map, said point of beginning being also distant northeasterly 150 feet at right angles from the monumented center line of the railroad of the New York Central Railroad Company; and running thence south 35 degrees and 43 minutes

east, parallel with said center line, 491 feet to the southeasterly boundary line of land of the party of the first part; thence along said boundary line south 81 degrees and 45 minutes west 132.6 feet, more or less, to land of the party of the second part; thence along land of said party of the second part north 35 degrees and 42 minutes west 392.5 feet, more or less, thence north 36 degrees and 40 minutes east 123.3 feet, more or less, to the place of beginning, containing 1.15 acres of land, more or less.

The minimum or upset price at which said property shall be sold is hereby fixed at the sum of Five Hundred and Seventy-five Dollars (\$575). The sale to be made upon the following TERMS AND CONDITIONS:

The highest bidder will be required to pay ten (10) per cent. of the amount of his bid, together with the auctioneer's fees at the time of sale and ninety per cent. (90%) upon the delivery of the deed, which shall be within sixty days from the date of sale.

The deed so delivered shall be in the form of a bargain and sale deed, without covenants.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person so failing to comply therewith will be held

liable for any deficiency which may result from such resale.

The right is reserved to reject any and all bids.

Maps of said real estate may be seen on application of the Department of Finance (Division of Real Estate), Room 733, Municipal Building, Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held Dec. 6, 1917.

ALBERT E. HADLOCK, Deputy and Acting Comptroller.  
Department of Finance, Comptroller's Office, Dec. 13, 1917.

## Proposals.

SEALED BIDS WILL BE RECEIVED AT the office of the Department of Finance, Municipal Building, Manhattan, until 11 a. m., on

SATURDAY, DECEMBER 29, 1917.

FOR FURNISHING ABOUT FOUR THOUSAND FIVE HUNDRED (4,500) HOURS OF AUTOMOBILE SERVICE WITHIN THE CITY OF NEW YORK, MACHINES TO START FROM AND RETURN TO THE MUNICIPAL BUILDING, CHAMBERS AND DUANE STS., MANHATTAN, ONE (1) TO SEVEN (7) FIVE-PASSENGER CARS, AS MAY BE REQUIRED, TO BE FURNISHED DAILY, EXCEPT SUNDAYS AND HOLIDAYS.

The time of the performance of the contract is from Jan. 1, 1918, to Dec. 31, 1918.

The amount of security shall be Two Thousand Dollars (\$2,000).

Bidders must state in their bids a price per hour of automobile service for a five-passenger car.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Finance, Room 723, Municipal Building, Manhattan.

SHEPARD A. MORGAN, Deputy and Acting Comptroller.

See General Instructions to Bidders on last page, last column, of the "City Record."

## Confirmation of Assessments.

## NOTICES TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 986 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of assessment for OPENING AND ACQUIRING TITLE TO the following named boulevard in the BOROUGH OF QUEENS:

FIRST, SECOND, AND FOURTH WARDS, QUEENS BOULEVARD—OPENING, from Van Dam st. to Hillside ave. Confirmed Nov. 19, 1917; entered, Dec. 15, 1917. Area of assessment: All those lands, tenements and hereditaments and premises situated and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line midway between Manly st. and Mount st., distant 100 feet northerly from the northwesterly line of Skillman ave., the said distance being measured at right angles to Skillman ave. and running thence eastwardly along a line always distant 100 feet northerly from and parallel with the northwesterly line of Skillman ave. to the intersection with a line always distant 800 feet northerly from and parallel with the northwesterly line of Queens Boulevard, the said distance being measured at right angles to Queens Boulevard; thence generally eastwardly along the said line parallel with Queens Boulevard and along the prolongations thereof to the intersection with a line distant 100 feet southerly from and parallel with the southwesterly line of Queens Boulevard, the said distance being measured at right angles to Queens Boulevard; thence generally westwardly along the said line parallel with Queens Boulevard and along the prolongations thereof to the intersection with the line midway between Manly st. and Mount st.; thence northwardly along the said line midway between Manly st. and Mount st. and the prolongation thereof to the point or place of beginning.

The above entitled assessment was entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid on or before Feb. 13, 1918, which is sixty days after the date of said entry of the assessment, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, Dec. 11, 1917.

d18,29

IN PURSUANCE OF SECTION 1018 OF THE Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

SECTION 2.

RECEIVING BASINS at the northeast and southeast corners of E. 166th st. and Franklin ave. at the northeast and southwest corner of E. 168th st. and Franklin ave. Area of assessment affects blocks 3044 and 3050.

SECTION 12.

KINGSBRIDGE TERRACE—PAVING THE ROADWAY from Kingsbridge rd. to Field Grade 110 south of W. 29th st. and adjusting curbs. Area of assessment affects blocks 3253 and 3256.

SECTION 15.

BENEDICT AVE.—PAVING THE ROADWAY AND SETTING CURB, from Storow st. to Pugsley ave. Area of assessment affects blocks 3930 and 3931.

ROSEDALE AVE.—PAVING THE ROADWAY AND SETTING CURB, from Walker ave. to Tremont ave. Area of assessment affects blocks 3895 to 3898, 3912, 3913, 3914, 3915, 3916, 3917 and 3919.

that the above assessments were confirmed by the Board of Assessors on Dec. 11, 1917, and entered Dec. 11, 1917, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid on or before Feb. 9, 1918, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, Dec. 11, 1917.

d18,29

IN PURSUANCE OF SECTION 1

Montgomery st. Area of assessment affects blocks 1301, 1302 and 1306.

## SECTION 12.

POWELL ST.—PAVING, CURBING AND FLAGGING between New Lots ave. and Lot ave. Area of assessment affects blocks 3847, 3848, 3857 and 3858.

RIVERDALE AVE.—PAVING, from Snediker ave. to Hindsdale st. Area of assessment affects blocks 3817 and 3834.

## SECTION 13.

DUMONT AVE.—SEWER, from Perriman st. to Atkins ave. Area of assessment affects blocks 4070 and 4086.

## SECTION 14.

SNYDER AVE.—REGULATING, GRADING, CURBING AND FLAGGING, from New York ave. to Albany ave. Area of assessment affects blocks 4887 to 4894 and 4904 to 4907, 4908 and 4922.

## SECTION 15.

65TH ST.—SEWER, north side, between 19th and 20th aves. Area of assessment affects block 5548.

## SECTION 16.

COLONIAL RD.—SEWER, from 76th to 77th sts. Area of assessment affects blocks 5947 and 5948.

## SECTION 17.

56TH ST.—SEWER, from 7th to 77th aves. Area of assessment affects block 5548.

## SECTION 18.

COLONIAL RD.—SEWER, from 76th to 77th aves. Area of assessment affects blocks 5947 and 5948.

## SECTION 19.

76TH ST.—REGULATING, GRADING, CURBING AND FLAGGING, between New Utrecht and 17th aves. Area of assessment affects blocks 6225 and 6236.

## SECTION 20.

E. 10TH ST.—REGULATING, GRADING, CURBING AND FLAGGING, between Avenue O and Avenue Q. Area of assessment affects blocks 6616, 6617, 6641 and 6642.

SEWERS in E. 8TH ST. from Foster ave. to Avenue H; Avenue H, from E. 8th to E. 10th sts. and E. 9TH ST. from Foster ave. to Avenue H. Area of assessment affects blocks 6494 to 6497, 6509 to 6512.

The above assessments were confirmed by the Board of Assessors on Dec. 11, 1917, and entered Dec. 11, 1917, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid on or before Feb. 9, 1918, which is sixty days after the date of said entry of the assessment, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Offerman Building, 503 Fulton st., Brooklyn, between the hours of 9 a. m. and 2 p. m., and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, Dec. 11, 1917. d18.29

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

## SECTION 16.

REGULATING, CURBING, CURBING AND FLAGGING TEHAMA ST., from 36th st. to West st. and ALBEMARLE RD. from West st. to Gravesend ave. Area of assessment affects blocks 5306, 5309, 5323 and 5332.

The above assessment was confirmed by the Board of Assessors on Dec. 11, 1917, and entered on Dec. 12, 1917, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid on or before Feb. 11, 1918, which is sixty days after the date of said entry, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Offerman Building, 503 Fulton st., Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, Dec. 12, 1917. d18.29

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

24TH AND 29TH WARDS, SECTIONS 5 AND 16.

OPENING AND EXTENDING, LAYING OUT AND IMPROVING BEDFORD AVE. from Eastern Parkway to Flatbush ave., pursuant to the provisions of Chapter 764, Laws of 1900, as amended by chapter 500, Laws of 1901, and by chapter 498, Laws of 1903.

—that the area of assessment for this improvement, as fixed by the Commissioners of Estimate and Assessment appointed by the Supreme Court on Sept. 10, 1901, includes all those lands, tenements, hereditaments and premises situated, lying and being and which, taken together, are bounded and described as follows: Beginning at a point on the southerly side of Eastern Parkway distant 250 feet easterly of the easterly side of Bedford ave., running thence southerly and parallel with Bedford ave. to the northerly side of Flatbush ave.; thence northwesterly along the northerly side of Flatbush ave. to a point where a line drawn parallel with Bedford ave. and distant 250 feet westerly therewith would intersect the same; running thence northerly and parallel with Bedford ave. to the southerly side of Eastern Parkway to a point 250 feet westerly of Bedford ave.; running thence easterly along the southerly side of Eastern Parkway to the point or place of beginning.

The Board of Assessors of the City of New York has levied and assessed this assessment in twenty annual installments. The ninth installment in each case is now due and payable, and hereafter for eleven years an amount equal to one of the aforesaid installments shall be assessed upon the lots or parcels of land benefited by said improvement. This assessment was confirmed by the Board of Revisions of Assessments on Dec. 2, 1909, and entered Dec. 2, 1909, and the ninth installment entered Dec. 11, 1917, in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount of the ninth installment shall be paid on or before Feb. 9, 1918, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Offerman Building, 503 Fulton street, Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, Dec. 11, 1917. d15.27

## Corporation Sale of Buildings and Appurtenances Thereto on City Real Estate by Sealed Bids.

PUBLIC NOTICE IS HEREBY GIVEN that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain machinery standing upon property owned by The City of New York, formerly used for water supply purposes in the Borough of Brooklyn.

BEING certain machinery in the building formerly occupied by the Department of Water Supply, Gas and Electricity on the southerly side of 6th st., between 3d and 4th aves., in the Borough of Brooklyn, which is more particularly described in a certain letter on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Manhattan.

PURSUANT to a resolution adopted by the Commissioners of the Sinking Fund at a meeting held Dec. 6, 1917, the sale by sealed bids of the above described machinery and appurtenances thereto will be held by direction of the Comptroller.

FRIDAY, JANUARY 4, 1918, at 11 a. m., in lots and parcels, and in manner and form as follows:

Parcel No. 1—Two Laidlaw-Dunn Gordon Co. cross-compound duplex air compressors No. 21474 and No. 21475, each 15 inches and 28 inches by 23 inches by 24 inches; 500 cubic feet of air per minute against 50 pounds per square inch pressure, steam 150 pounds, in the building on the southerly side of 6th st., between 3d and 4th aves., Brooklyn.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Manhattan, until 11 a. m. on the 4th day of January, 1918, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of \$50 will be required with all bids, and that a deposit of \$500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinbelow.

THE MACHINERY WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

E. D. FISHER, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, Dec. 1, 1917. d17.42

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened Dec. 1917," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room 368, Municipal Building, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

EDMUND D. FISHER, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, Dec. 8, 1917. d11.28

## Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMPANIES WILL BE ACCEPTED AS SUFFICIENT UPON THE FOLLOWING CONTRACTS TO THE AMOUNTS NAMED:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to \$50,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated Jan. 1, 1914.

Asphalt, Asphalt Block and Wood Block Pavement.

One company on a bond up to \$25,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated Jan. 1, 1914.

WILLIAM A. PRENDERGAST, Comptroller.

## Interest on City Bonds and Stock.

THE INTEREST DUE JAN. 1, 1918, ON REGISTERED AND COUPON BONDS AND STOCK OF THE CITY OF NEW YORK, AND OF THE FORMER COMPANIES NOW INCLUDED THEREIN, WILL BE PAID ON THE DAY BY THE COMPTROLLER AT HIS OFFICE (ROOM 368), MUNICIPAL BUILDING, CHAMBERS AND CENTRE STS., NEW YORK CITY, UNTIL 11 A. M. ON

THURSDAY, JANUARY 3, 1918.

THE BOOKS FOR THE TRANSFER OF BONDS AND STOCK ON WHICH INTEREST IS PAYABLE JAN. 1, 1918, WILL BE CLOSED FROM DEC. 15, 1917, TO JAN. 1, 1918.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, Dec. 1, 1917. d11.28

## BOARD OF WATER SUPPLY.

## Proposals.

SEALED BIDS WILL BE RECEIVED BY THE BOARD OF WATER SUPPLY, AT ITS OFFICES, 22D FLOOR, MUNICIPAL BUILDING, PARK ROW, CENTRE AND CHAMBERS STS., NEW YORK CITY, UNTIL 11 A. M. ON

THURSDAY, JANUARY 3, 1918.

FOR PRINTING.

AN APPROXIMATE STATEMENT OF THE QUANTITIES OF THE VARIOUS ITEMS OF WORK AND FURTHER INFORMATION ARE GIVEN IN THE INFORMATION FOR BIDDERS, FORMING PART OF THE CONTRACT. AT THE ABOVE PLACE AND TIME THE BIDS WILL BE PUBLICLY OPENED AND READ. THE AWARD OF THE CONTRACT, IF AWARDED, WILL BE MADE BY THE BOARD AS SOON THEREAFTER AS PRACTICABLE. THE BOARD RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.

A BOND IN THE SUM OF THIRTY-FIVE PER CENT. (35%) OF THE TOTAL AMOUNT OF THE CONTRACT WILL BE REQUIRED UNLESS IT IS ACCOMPANIED BY A CERTIFIED CHECK UPON A NATIONAL OR STATE BANK DRAWN TO THE ORDER OF THE COMPTROLLER OF THE CITY OF NEW YORK, TO THE AMOUNT OF FIVE HUNDRED DOLLARS (\$500).

PAMPHLETS CONTAINING INFORMATION FOR BIDDERS, FORMS OF BID AND CONTRACT, SPECIFICATIONS, ETC., CAN BE OBTAINED AT THE ABOVE ADDRESS, AT THE OFFICE OF THE SECRETARY, UPON APPLICATION IN PERSON OR BY MAIL, BY DEPOSITING THE SUM OF FIVE DOLLARS (\$5) IN CASH OR ITS EQUIVALENT FOR EACH PAMPHLET. THIS DEPOSIT WILL BE REFUNDED UPON THE RETURN OF THE PAMPHLETS IN ACCEPTABLE CONDITION WITHIN THIRTY DAYS FROM THE DATE ON WHICH BIDS ARE TO BE OPENED.

THE CONTRACT WILL TERMINATE ON THE COMPLETION OF ALL ITEMS UNDER WAY DEC. 31, 1918.

FOR FURTHER PARTICULARS APPLY TO THE OFFICE OF THE PRINCIPAL ASSISTANT ENGINEER AT THE ABOVE ADDRESS.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners, Board of Water Supply.

GEORGE FEATHERSTONE, Secretary. d14.53

NOTE—See General Instructions to Bidders on last page, last column, of the "City Record," so far as applicable hereto and not otherwise provided for.

## COLLEGE OF THE CITY OF NEW YORK.

## Proposals.

SEALED BIDS OR ESTIMATES WILL BE RECEIVED BY THE BOARD OF TRUSTEES, OR THE CURATOR OF THE COLLEGE OF THE CITY OF NEW YORK AT ROOM 114, MAIN BUILDING, 139TH ST. AND CONVENT AVE., MANHATTAN, UNTIL 2 P. M. ON

THURSDAY, JANUARY 10, 1918.

FOR FURNISHING AND DELIVERING SUPPLIES AS FOLLOWS:

CLASS 1—CHEMICAL APPARATUS.

THE TIME ALLOWED FOR THE DELIVERY OF THE SUPPLIES HEREIN SCHEDULED AND FOR THE PERFORMANCE OF THE CONTRACT IS 180 CONSECUTIVE CALENDAR DAYS FOR IMPORTATIONS AND 60 CONSECUTIVE CALENDAR DAYS FOR DOMESTIC SUPPLIES AFTER THE ENDORSEMENT OF THE CERTIFICATE OF THE COMPTROLLER UPON THE EXECUTED CONTRACT.

THE AMOUNT OF SECURITY SHALL BE THIRTY PER CENT. (30%) OF THE AMOUNT OF THE CONTRACT, EXCEPT AS OTHERWISE PROVIDED IN THE SPECIFICATIONS. BIDS WILL BE RECEIVED ON ANY OR ALL ITEMS PER DOZEN, DOZEN, GROSS OR OTHER UNIT OF MEASUREMENT, BY WHICH THE BIDS WILL BE TESTED. THE BIDS WILL BE COMPARED AND THE AWARDS MADE, IF MADE, BY ITEMS. EACH BID MUST BE ACCOMPANIED BY A DEPOSIT OF NOT LESS THAN 1 1/2 PER CENT. OF THE AMOUNT OF THE BID.

BIDDERS MUST SUBMIT THEIR BIDS OR ESTIMATES UPON THE BLANK FORM PREPARED BY THE BOARD OF TRUSTEES. A COPY OF THIS FORM WITH AN ENVELOPE IN WHICH TO ENCLOSE THE BID, TOGETHER WITH A COPY OF THE CONTRACT AND SPECIFICATIONS, IN THE FORM APPROVED BY THE CORPORATION COUNSEL, MAY BE OBTAINED UPON APPLICATION THEREFOR AT THE OFFICE OF THE CURATOR, ROOM 114, MAIN BUILDING, THE COLLEGE OF THE CITY OF NEW YORK, 139TH ST. AND CONVENT AVE., MANHATTAN.

for inspection or referred to by catalogue number.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Park Ave. and 59th st., Manhattan.

PATRICK JONES, Superintendent of School Supplies.

Dated, Dec. 14, 1917. d14,27

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

SEALED BIDS WILL BE RECEIVED BY THE Superintendent of School Supplies, at the office of the Department of Education, Park Ave. and 59th st., Manhattan, until 11 a. m., on

WEDNESDAY, DECEMBER 26, 1917.

FOR FURNISHING AND DELIVERING GASOLINE FOR MOTOR VEHICLES, BOROUGHS OF MANHATTAN, BROOKLYN AND QUEENS DURING THE MONTHS OF JANUARY, FEBRUARY, MARCH, APRIL, MAY AND JUNE, 1918.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before June 30, 1918.

The amount of security required for the faithful performance of the contract is thirty per cent. (30%) of the amount of the contract awarded.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. (1 1/2%) of the total amount of the bid.

The bidder will state the price of each item or article contained in the specifications or schedules, per gallon, by which the bids will be tested.

Contract, if awarded, will be awarded to the lowest bidder on each item.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Park Ave. and 59th st., Manhattan.

PATRICK JONES, Superintendent of School Supplies.

Dated, Dec. 13, 1917. d13,26

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

#### DEPARTMENTS OF CORRECTION, AND PUBLIC CHARITIES.

##### Proposals.

SEALED BIDS WILL BE RECEIVED BY the Departments of Public Charities and Correction, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12:30 p. m.

THURSDAY, DECEMBER 27, 1917.

FOR FURNISHING AND DELIVERING YEAST.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

DEPARTMENT OF PUBLIC CHARITIES. JOHN A. KINGSBURY, Commissioner.

DEPARTMENT OF CORRECTION. BURDETTE G. LEWIS, Commissioner. d14,27

*#See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.*

#### BOROUGH OF MANHATTAN.

##### Proposals.

SEALED BIDS WILL BE RECEIVED BY the President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

FRIDAY, JANUARY 4, 1918.

FOR FURNISHING ALL OF THE LABOR AND MATERIALS REQUIRED FOR CLEANING ALL THE GLASS IN ALL THE WINDOWS, DOORS, DOMES AND SKYLIGHTS IN THE VARIOUS PUBLIC BUILDINGS, COURTS AND OFFICES, UNDER THE CARE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, DURING THE YEAR 1918.

The time allowed for the completion of the contract will be until December 31, 1918. The amount of security required will be Three Thousand Dollars (\$3,000), and the amount of deposit accompanying the bid shall be five per cent. (5%) of the amount of security.

The bidder will state a price for each item contained in the specifications or schedules, which must be extended and footed up.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and specifications may be obtained at the office of the Auditor, offices of the Commissioner of Public Works, Room 2141, Municipal Building, Manhattan.

MARCUS M. MARKS, President.

Dated, Dec. 22, 1917. d22,24

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

SEALED BIDS WILL BE RECEIVED BY the President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

THURSDAY, DECEMBER 27, 1917.

FOR THE REFURBISHING AND REGRADING OF 4TH AVE., 32D ST. TO 34TH ST., AND 33D ST., LEXINGTON AVE., TO 4TH AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 1-2,000 cubic yards earth excavation.

Item 2-350 cubic yards rock excavation.

Item 3-8,500 cubic yards filling.

Item 4-550 cubic yards Class "A" concrete.

Item 5-200 cubic yards Class "B" concrete.

Item 6-1,000 cubic yards rubble concrete.

Item 7-50 cubic yards dry rubble masonry.

Item 8-10 cubic yards hollow terra cotta masonry.

Item 9-10 cubic feet granite masonry.

Item 10-5,000 cubic feet granite masonry.

Item 11-1,400 linear feet new 6-inch granite curb.

Item 12-120 linear feet new 6-inch granite curb.

Item 13-40 linear feet new 5-inch bluestone curb.

Item 14-30 linear feet old curb.

Item 15-12,000 square feet concrete sidewalk, Class "A."

Item 16-5,800 square feet old bluestone sidewalk.

Item 17-1,700 square feet new bluestone sidewalk.

Item 18-200 linear feet temporary header.

Item 19-3 manholes.

Item 20-1,000 square yards waterproofing, 3 pl.

Item 21-48,000 pounds reinforcing bars.

Item 22-2,200 pounds structural steel.

Item 23-2 iron lamp standards.

Item 24-8 bronze lamp brackets.

Item 25-electrical work.

The time allowed for the full completion of the work will be two hundred (200) consecutive working days.

The amount of security will be \$20,000, and the amount of deposit accompanying the bid shall be five per cent. (5%) of the amount of security.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article by which the bid will be tested. Each contract, if awarded, will be awarded for the whole work at a lump sum.

Blank forms may be had and the drawings, form of specifications and contract may be seen at the offices of the Commissioner of Public Works, Bureau of Sewers, Room 2103, Municipal Building, Manhattan.

MARCUS M. MARKS, President.

Dated, Dec. 14, 1917. d14,27

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

SEALED BIDS WILL BE RECEIVED BY THE Superintendent of School Supplies, at the office of the Department of Education, Park Ave. and 59th st., Manhattan, until 11 a. m., on

WEDNESDAY, DECEMBER 26, 1917.

FOR FURNISHING AND DELIVERING GASOLINE FOR MOTOR VEHICLES, BOROUGHS OF MANHATTAN, BROOKLYN AND QUEENS DURING THE MONTHS OF JANUARY, FEBRUARY, MARCH, APRIL, MAY AND JUNE, 1918.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before June 30, 1918.

The amount of security required for the faithful performance of the contract is thirty per cent. (30%) of the amount of the contract awarded.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. (1 1/2%) of the total amount of the bid.

The bidder will state the price of each item or article contained in the specifications or schedules, per gallon, by which the bids will be tested.

Contract, if awarded, will be awarded to the lowest bidder on each item.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Park Ave. and 59th st., Manhattan.

PATRICK JONES, Superintendent of School Supplies.

Dated, Dec. 13, 1917. d13,26

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

SEALED BIDS WILL BE RECEIVED BY THE President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

THURSDAY, DECEMBER 27, 1917.

FOR THE CONSTRUCTION OF SANITARY SYSTEM OF SEWERS WITH PUMPING STATION AND APPURTENANCES IN THOMPSON ST. FROM CANAL ST. TO A POINT ABOUT 350 FEET NORTH OF BROOME ST., ETC.

The time allowed for the construction and completion of the sewer and appurtenances will be one hundred (100) consecutive working days.

The amount of security required will be Eight Thousand Dollars (\$8,000), and the amount of deposit accompanying the bid shall be five per cent. (5%) of the amount of security.

The bidder will state the price for each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article by which the bid will be tested. Each contract, if awarded, will be awarded for the whole work at a lump sum.

Blank forms may be had and the drawings, form of specifications and contract may be seen at the offices of the Commissioner of Public Works, Bureau of Sewers, Room 2103, Municipal Building, Manhattan.

MARCUS M. MARKS, President.

Dated, Dec. 14, 1917. d14,27

*#See General Instructions to Bidders on last page, last column, of the "City Record."*

SEALED BIDS WILL BE RECEIVED BY THE President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

THURSDAY, DECEMBER 27, 1917.

FOR FURNISHING AND DELIVERING YEAST.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

DEPARTMENT OF PUBLIC CHARITIES. JOHN A. KINGSBURY, Commissioner.

DEPARTMENT OF CORRECTION. BURDETTE G. LEWIS, Commissioner. d14,27

*#See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.*

#### DEPARTMENTS OF CORRECTION, AND PUBLIC CHARITIES.

##### Proposals.

SEALED BIDS WILL BE RECEIVED BY the President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

FRIDAY, JANUARY 4, 1918.

FOR FURNISHING ALL OF THE LABOR AND MATERIALS REQUIRED FOR CLEANING ALL THE GLASS IN ALL THE WINDOWS, DOORS, DOMES AND SKYLIGHTS IN THE VARIOUS PUBLIC BUILDINGS, COURTS AND OFFICES, UNDER THE CARE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, DURING THE YEAR 1918.

The time allowed for the completion of the contract will be until December 31, 1918. The amount of security required will be Three Thousand Dollars (\$3,000), and the amount of deposit accompanying the bid shall be five per cent. (5%) of the amount of security.

The bidder will state a price for each item contained in the specifications or schedules, which must be extended and footed up.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and specifications may be obtained at the office of the Auditor, offices of the Commissioner of Public Works, Room 2141, Municipal Building, Manhattan.

MARCUS M. MARKS, President.

Dated, Dec. 22, 1917

sistant Institutional Clerk, \$480 per annum; Telephone Operator (Institutional), \$600 per annum, to read:

Senior Hospital Helper, \$780 per annum.  
Senior Laundry Helper, \$840 per annum.  
Laundry Helper, \$600 per annum.

Watchman, \$792 per annum.  
Assistant Institutional Clerk, \$540 per annum.  
Telephone Operator (Institutional), \$600 per annum.

D. By changing the following lines appearing in Part II, under the subheading "City Institutions (with maintenance)," Senior Hospital Helper, \$480 per annum; Senior Hospital Artisan, \$540 per annum; Hospital Artisan, \$360 per annum; Assistant Institutional Clerk, \$480 per annum; Attendant, \$600 per annum, to read:

Senior Hospital Helper, \$540 per annum.  
Senior Laundry Helper, \$600 per annum.

Laundry Helper, \$360 per annum.  
Assistant Institutional Clerk, \$540 per annum.  
Attendant, \$660 per annum.

E. By including in Part I, under the subheading "City Institutions (without maintenance)," the following:

Head Baker, \$1,260 per annum.

F. By including in Part II, under the subheading "City Institutions (without maintenance)," the following:

Mortuary Helper, \$792 per annum.

G. By including in Part II, under the subheading "City Institutions (with maintenance)," the following:

Laboratory Helper, \$600 per annum.

A PUBLIC HEARING WILL BE ALLOWED, in accordance with Rule III, at the request of any interested persons, at the Commission's office in the Municipal Building, Room 1443, on

WEDNESDAY, DECEMBER 26, 1917.

at 10:30 a. m.

d22,26 JOHN F. SKELLY, Assistant Secretary.

PUBLIC NOTICE IS HEREBY GIVEN OF the proposed amendment of the classification by including in the Non-Competitive Class, Part I, under the heading "Positions in the Bellevue and Allied Hospitals, at compensations not exceeding the amounts set forth below (without maintenance)," the following:

Physician, Electro-Cardiographer, \$1,200 per annum.

A PUBLIC HEARING WILL BE ALLOWED, in accordance with Rule III, at the request of any interested persons, at the Commission's office in the Municipal Building (Room 1443), on

WEDNESDAY, DECEMBER 26, 1917,

at 10:30 a. m.

d22,26 JOHN F. SKELLY, Assistant Secretary.

#### NOTICES OF EXAMINATIONS.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

WEDNESDAY, DECEMBER 12, 1917, TO

THURSDAY, DECEMBER 27, 1917,

for the position of

#### BACTERIOLOGIST (ASSISTANT BACTERIOLOGIST).

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., THURSDAY, DECEMBER 27, 1917, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Experience, 4; Technical, 6; 75 per cent. required. 70 per cent. required on entire examination.

A qualifying physical examination will be given.

Applications for this examination must be filed on a special blank, Form B.

Duties—The duties of incumbents of this position are to exercise independent judgment in and to be responsible for bacteriological examinations and to perform research work under supervision.

Requirements—1. A medical degree granted on the completion of a standard course of instruction in a medical school of recognized standing, or 2. Evidence of the completion of a standard course in bacteriology, not less than two years in length, in a college, university or other laboratory of recognized standing, or 3. Experience as either intern or assistant in a bacteriological or biological laboratory of recognized standing.

Candidates must be at least 21 years of age on or before the closing date for the receipt of applications.

The compensation rates proposed by the Board of Estimate and Apportionment for this position are: For full-time service, \$1,500 to \$2,100 inclusive. For part-time service averaging not less than 28 hours a week, \$1,200 to \$1,800 inclusive.

Vacancies occur from time to time.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

d12,27 ROBERT W. BELCHER, Secretary.

#### AMENDED NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

WEDNESDAY, DECEMBER 12, 1917, TO

THURSDAY, DECEMBER 27, 1917,

for the position of

#### CHIEF PHYSICIAN (PSYCHIATRIST), MALE.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., THURSDAY, DEC. 27, 1917, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

The subjects and weights of the examination are: Experience, 4; 70 per cent. required. Oral, 2; 70 per cent. required.

A qualifying physical examination will be given.

Applications for this examination must be filed on a special blank, Form D, with insert.

Duties—The Chief Physician (Psychiatrist) in the Department of Correction is in charge of the Clearing House Examination of all male inmates sentenced under an indeterminate sentence, and will direct and supervise the staff engaged in this work.

Requirements—Candidates must present evidence of at least one year of experience in charge of an important branch in a large hospital for the insane involving the training and supervision of assistants in psychiatric work or the equivalent. Candidates must present at the time of filing their applications their license to practice medicine in the State of New York and their certificate as examiner in lunacy in the State of New York.

The requirement that applicants must be residents of the State of New York is waived for this examination. Competitive examination to be open to all citizens of the United States. Per-

sons who accept appointment must thereafter reside in the State of New York.

The requirement that every application shall bear the certificates of four reputable citizens whose residences or places of business are within the City of New York is waived for applicants for this examination whose previous occupation or employment has been wholly or in part outside the City of New York, and the said certificates will be accepted from persons resident or engaged in business elsewhere.

Candidates must be at least 21 years of age on or before the closing date for the receipt of applications.

Candidates who filed applications for Chief Physician (Psychiatrist), Male, between Nov. 13 and Nov. 27, 1917, need not file applications for this examination.

There is one vacancy in the Department of Correction at \$2,100 per annum.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

d12,27 ROBERT W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

WEDNESDAY, DECEMBER 12, 1917, TO

THURSDAY, DECEMBER 27, 1917,

for the position of

#### RESIDENT PHYSICIAN (MALE), GRADE 2.

No applications delivered at the office of the Commission by mail or otherwise, after 4 p. m., THURSDAY, DEC. 27, 1917, will be accepted. Application blanks will be mailed upon request provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

The subjects and weights of the examination are: Experience, 7; 70 per cent. required.

A qualifying physical examination will be given.

Applications for this examination must be filed on a special blank, Form D.

Duties—Incumbents of these positions are assigned to the medical examination and the routine medical and surgical care and treatment of hospital or institutional inmates and the supervision of internes.

Requirements—Candidates must present their license to practice medicine in the State of New York for inspection when filing their applications.

The requirement that applicants must be residents of the State of New York is waived for this examination. Competitive examination to be open to all citizens of the United States.

Persons who accept appointment must thereafter reside in the State of New York.

The requirement that every application shall bear the certificates of four reputable citizens whose residences or places of business are within the City of New York is waived for applicants for this examination whose previous occupation or employment has been wholly or in part outside the City of New York, and the said certificates will be accepted from persons resident or engaged in business elsewhere.

Candidates must be at least 21 years of age on or before the closing date for the receipt of applications.

Candidates who filed applications for Resident Physician (Male), Grade 2, between Nov. 15 and Nov. 30, 1917, need not file applications for this examination.

There is one vacancy in the Department of Corrections at \$1,380 per annum.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

d12,27 ROBERT W. BELCHER, Secretary.

DEPARTMENT OF CORRECTION.

#### Proposals.

SEALED BIDS WILL BE RECEIVED BY

the Commissioner of Correction at Room 2400, Municipal Building, Manhattan, until 11 a. m., on

FRIDAY, DECEMBER 28, 1917.

FOR FURNISHING AND DELIVERING

NATURAL ICE FROM JAN. 1 TO DEC. 31, 1918.

The amount of security required is thirty (30) per cent. of the amount of the bid. No bid will be considered unless it is accompanied by a deposit in cash or certified check upon the National or State Banks or Trust Companies of the City of New York drawn to the order of the Comptroller of the City of New York, in an amount not less than 1 1/2 per cent. of the total amount of the bid.

Bids must be submitted in duplicate, each in a separate envelope. The deposit must be enclosed in a separate envelope and handed to the officer in charge of the bid box. No bid will be accepted unless this provision is complied with.

Deliveries will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope. The deposit must be enclosed in a separate envelope and handed to the officer in charge of the bid box. No bid will be accepted unless this provision is complied with.

SEALED BIDS WILL BE RECEIVED BY

the Commissioner of Correction at Room 2400, Municipal Building, Manhattan, until 12 noon, on

THURSDAY, DECEMBER 27, 1917.

FOR FURNISHING AND DELIVERING

LUMBER.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

BELLEVUE AND ALLIED HOSPITALS, FIRE DEPARTMENT, DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND; PARKS, BRONX; PARKS, BROOKLYN; STREET CLEANING, AND WATER SUPPLY, GAS AND ELECTRICITY.

the office of the Architect, Charles B. Meyers, 1 Union Square West, Manhattan.

Blank forms, specifications and orders for blue prints of the drawings may be obtained at cost from the National Blue Print Co., 110 W. 32nd st., Manhattan, upon presentation of an order from the Architect.

BURDETTE G. LEWIS, Commissioner.

Dated, Dec. 15, 1917. d15,27

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record."

#### DEPARTMENT OF CORRECTION.

#### Proposals.

SEALED BIDS WILL BE RECEIVED BY

BELLEVUE and Allied Hospitals and the Departments of Fire; Parks, Manhattan and Richmond; Parks, Bronx; Parks, Brooklyn; Street Cleaning, and Water Supply, Gas and Electricity, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12:30 p. m.,

THURSDAY, DECEMBER 27, 1917.

FOR FURNISHING AND DELIVERING

LUMBER.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.

FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.

DEPARTMENT OF PARKS, BRONX, THOMAS W. WHITTLE, Commissioner.

DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND, ROBERT F. VOLENTINE, Commissioner.

DEPARTMENT OF STREET CLEANING, JOHN T. FETHERSTON, Commissioner.

DEPARTMENT OF PARKS, BROOKLYN, RAYMOND V. INGERSOLL, Commissioner.

A deposit of One Dollar (\$1) will be required for each set of bid forms, to be returned in case the bids are submitted or the forms returned in good condition.

Dated, Dec. 17, 1917.

d18,31 J. T. FETHERSTON, Commissioner.

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record."

**BELLEVUE AND ALLIED HOSPITALS, FIRE DEPARTMENT, DEPARTMENTS OF WATER SUPPLY, GAS AND ELECTRICITY, CORRECTION, PARKS, BRONX; POLICE, HEALTH, AND PUBLIC CHARITIES.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** Bellevue and Allied Hospitals, Fire Department, the Departments of Water Supply, Gas and Electricity, Correction; Parks, Bronx; Police, Health, Public Charities, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12.30 p. m.

**THURSDAY, DECEMBER 27, 1917.**

FOR FURNISHING AND DELIVERING LUBRICATING AND ILLUMINATING OILS AND GREASES.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as if made, to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

**BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.**

**FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.**

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner.**

**DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.**

**DEPARTMENT OF PARKS, BRONX, THOMAS W. WHITTLE, Commissioner.**

**POLICE DEPARTMENT, ARTHUR WOODS, Commissioner.**

**DEPARTMENT OF HEALTH, HAVEN EMERSON, M. D., Commissioner.**

**DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.**

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

**FIRE DEPARTMENT, DEPARTMENTS OF PARKS, BRONX; PARKS, MANHATTAN AND RICHMOND; PARKS, BROOKLYN; WATER SUPPLY, GAS AND ELECTRICITY, CORRECTION, POLICE, BELLEVUE AND ALLIED HOSPITALS, AND PUBLIC CHARITIES.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the Fire Department, Department of Parks, Bronx; Parks, Manhattan; Parks, Brooklyn; Water Supply, Gas and Electricity, Correction, Police, Bellevue and Allied Hospitals, and the Department of Public Charities, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12.30 p. m.

**THURSDAY, DECEMBER 27, 1917.**

FOR FURNISHING AND DELIVERING PAINTS, OILS AND VARNISHES.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as if made, to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

**FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.**

**DEPARTMENT OF PARKS, BRONX, THOMAS W. WHITTLE, Commissioner.**

**DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND, ROBERT F. VOLENTINE, Commissioner.**

**DEPARTMENT OF PARKS, BROOKLYN, RAYMOND V. INGERSOLL, Commissioner.**

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner.**

**DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.**

**POLICE DEPARTMENT, ARTHUR WOODS, Commissioner.**

**BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.**

**DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.**

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

**DEPARTMENT OF DOCKS AND FERRIES.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Docks at his office, Pier "A," foot of Battery pl., North River, Manhattan, until 12 noon, on

**WEDNESDAY, JANUARY 2, 1918.**

CONTRACT NO. 1591.

FOR FURNISHING ALL THE LABOR AND

**MATERIALS REQUIRED FOR RECEIVING AND REMOVING ASHES BY SCOWS.**

The time for the completion of the work and the full performance of the contract is after Dec. 31, 1917, and during the period ending Dec. 31, 1918.

The amount of security required will be:

Class 1—For receiving and removing ashes from ferry terminal, St. George, Richmond, the sum of \$1,200; the deposit to accompany bid shall be \$60.

Class 2—For receiving and removing ashes from ferry terminal, 39th st., Brooklyn, the sum of \$1,200; the deposit to accompany bid shall be \$60.

The bidder shall state, both in writing and in figures, a total price for furnishing all of the labor and material and expense to do and complete all the work called for in the class for which a bid is submitted. Each class of this contract is a separate and distinct contract in itself, and contracts, if awarded, will be awarded to the bidder whose price is lowest for doing all of the work in that class and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures, the price in writing will be considered as the bid.

Work must be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said department.

R. A. C. SMITH, Commissioner of Docks.

Dated, Dec. 17, 1917.

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record."

except for the address of the office for receiving and opening bids.

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Docks at his office, Pier "A," foot of Battery pl., North River, Manhattan, until 12 noon, on

**WEDNESDAY, JANUARY 2, 1918,**

CONTRACT NO. 1590.

FOR FURNISHING HORSES, WITH HARNESS AND DRIVERS, FOR CARTING COAL TO AND REMOVING ASHES, ETC., FROM THE MUNICIPAL FERRY BOATS AND FERRY TERMINALS IN THE BOROUGHS OF MANHATTAN, BROOKLYN AND RICHMOND (CLASS 1) AND IN THE BOROUGHS OF MANHATTAN AND RICHMOND (CLASS 2), HERINAFTER CALLED SERVICES.

The time for the completion of the work and the full performance of the contract is on or before the expiration of Dec. 31, 1918.

The amount of security required is as follows:

Class 1—\$1,642 $\frac{1}{2}$  days' services, security the sum of \$2,100; deposit with bid, the sum of \$105.

Class 2—4,380 days' services, security the sum of \$5,200; deposit with bid, the sum of \$260.

The bidder shall state, both in writing and in figures, a price per day of eight hours for the services of one horse, with harness and driver, at which unit price he is prepared to furnish all of the services required in the class upon which a bid is submitted. Bids may be submitted on one or both classes, as each class will be the basis of a separate and distinct contract. Award, on either of the two classes, if made, will be to the bidder whose unit price per day is the lowest and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures, the price in writing will be considered as the bid.

Services will be required at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said department.

R. A. C. SMITH, Commissioner.

Dated, Dec. 17, 1917.

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record."

except for the address of the office for receiving and opening bids.

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Docks at his office, Pier "A," foot of Battery pl., North River, Manhattan, until 12.30 p. m.

**THURSDAY, DECEMBER 27, 1917.**

FOR FURNISHING AND DELIVERING STOCK FRUITS AND VEGETABLES.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as if made, to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

**FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.**

**DEPARTMENT OF PARKS, BRONX, THOMAS W. WHITTLE, Commissioner.**

**DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND, ROBERT F. VOLENTINE, Commissioner.**

**DEPARTMENT OF PARKS, BROOKLYN, RAYMOND V. INGERSOLL, Commissioner.**

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner.**

**DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.**

**POLICE DEPARTMENT, ARTHUR WOODS, Commissioner.**

**BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.**

**DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.**

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

**DEPARTMENT OF DOCKS AND FERRIES.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Docks at his office, Pier "A," foot of Battery pl., North River, Manhattan, until 12.30 p. m.

**THURSDAY, DECEMBER 27, 1917.**

FOR FURNISHING AND DELIVERING CANNED GOODS AND GROCERIES.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as if made, to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

**FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.**

**DEPARTMENT OF PARKS, BRONX, THOMAS W. WHITTLE, Commissioner.**

**DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND, ROBERT F. VOLENTINE, Commissioner.**

**DEPARTMENT OF PARKS, BROOKLYN, RAYMOND V. INGERSOLL, Commissioner.**

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner.**

**DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.**

**POLICE DEPARTMENT, ARTHUR WOODS, Commissioner.**

**BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.**

**DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.**

<sup>12</sup>See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

except for the address of the office for receiving and opening bids.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

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7th ave. from Longacre Square to 48th st. And to cross such other streets and avenues, named and unnamed, as may be encountered by said streets and avenues.

Provided, however, that the Company shall not be entitled or required to begin operation upon 57th st. from Broadway to 8th ave.; 8th ave. from 57th st. to Central Park West; those portions of Central Park West from 59th st. to 77th st., from 81st st. to 96th st. and from 97th st. to 8th ave. at 110th st.; 8th ave. from 110th st. to 113th st.; 113th st. from 8th ave. to Morningside Park East; 106th st. from Central Park West to Broadway and Broadway from 106th st. to 110th st., until a sufficient roadway is furnished for the operation of omnibuses and other vehicles between the railroad tracks on Central Park West and the curb of the sidewalk between 59th st. and 110th st.

The said streets and avenues in which the Company proposes to operate are shown by full red and dashed red lines upon a map entitled:

"Map, showing the proposed routes of the FIFTH AVENUE COACH COMPANY, in the Borough of Manhattan, City of New York, to accompany Petition to the Board of Estimate and Appropriation, dated March 29, 1917, amendatory of petitions dated June 5, 1913, March 21, 1914, and November 1, 1915."

and signed by R. W. Meade, President, and G. A. Green, Chief Engineer, copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that temporary deviations therefrom may be permitted as hereinafter set forth.

SECTION 2. The grant of this right and privilege is subject to the following conditions:

First.—The said right and privilege to maintain and operate stages or omnibuses upon the streets and avenues herein described shall be held and enjoyed by the Company for the term of fifteen (15) years from the date upon which this contract is signed by the Mayor, with the privilege of renewal of said contract for the further period of ten (10) years upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board at any time not earlier than two (2) years and not later than one (1) year before the expiration of the original term of this contract. The time within which such application for renewal must be made is of the essence of this contract, and a failure of the Company to present its application within the time fixed shall be considered as an election on the part of the Company not to take advantage of the renewal privilege, and as a relinquishment of its right to such renewal, in which event the franchise shall terminate on the last day of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual percentages of gross receipts or minimum guarantees be less than the annual percentages of gross receipts or minimum guarantees required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day nine (9) months before the expiration of the original term of this contract, then the parties hereby agree that the annual rate for the renewal term shall be determined by three disinterested persons selected in the following manner:

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; these two shall choose a third disinterested person, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of the original term of this contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books and papers of the Company and its officers and employees under oath. The valuations so ascertained, and agreed to by any two (2) of such appraisers shall be conclusive upon both parties, but the annual percentages of gross receipts or minimum guarantees shall in no event be less than the annual percentages of gross receipts or minimum guarantees required to be paid for the last year of the original term of this contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and entire expense of such appraisal shall be borne jointly by the City and the Company, each paying one-half thereof.

Second.—The Company shall, during the original term of this contract, pay to the City the following sums of money:

(a) It shall continue to pay for the rights and privileges granted or claimed to have been granted to it prior to the date on which this contract is signed by the Mayor, the percentage of gross annual receipts required by law, which gross annual receipts, for the purposes of this contract, shall not be more than Two million dollars (\$2,000,000).

(b) For this right and privilege:

1. The sum of Fifty thousand dollars (\$50,000) in cash within thirty (30) days after the date on which this contract is signed by the Mayor and before anything is done in exercise of the privilege hereby granted.

2. Ten (10) per cent of that portion of its gross annual receipts above Two million dollars (\$2,000,000) and under Three million dollars (\$3,000,000).

3. Fifteen (15) per cent of that portion of its gross annual receipts above Three million dollars (\$3,000,000).

Provided that in no event shall the sum to be paid by the Company for the rights and privileges granted or claimed to have been granted prior to the date on which this contract is signed by the Mayor, together with the sum to be paid for this right and privilege, be less than two hundred and fifty thousand dollars (\$250,000) annually during the first five years, three hundred thousand dollars (\$300,000) annually during the second five years and four hundred thousand dollars (\$400,000) annually during the remaining five years.

The gross annual receipts mentioned above shall be the total gross annual receipts of the Company or any subsidiary or subsidiaries of the Company from whatever source derived, either directly or indirectly, in any manner, out of or in connection with the operation hereby authorized, and the operation pursuant to rights to operate omnibus routes granted or claimed to have been granted prior to the date on which this contract is signed by the Mayor.

The annual charges herein provided shall be in addition to the percentages of gross receipts required to be paid by the Company pursuant to Section 23 of the Transportation Corporations Law, but are intended and shall be deemed to include such percentages of gross receipts.

The annual charges for this right and privilege shall commence on the date upon which the Company obtains the permission and approval

of the Public Service Commission, as required by Section 53 of the Public Service Commission Law. The Company hereby agrees to file its application with the Public Service Commission for such permission and approval within ten (10) days from the date of this contract.

The annual charges, as above, shall be paid into the Treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding; provided that the first annual payment shall be only the amount due the City, as above, from said percentages of such gross receipts as shall be received by the Company between the date on which the Company obtains the permission and approval of the Public Service Commission and September 30 following, or such portion of the minimum annual charge for the first five years of this contract as shall bear the same proportion to the total minimum annual charge as the period between the date upon which the Company obtains the permission and approval of the Public Service Commission and September 30 following shall bear to the whole of one year, if such amount due the City from said percentages of such gross receipts shall be less than such portion of the minimum annual charge.

Any and all payments to be made by the terms of this contract to the City by the Company for the right and privilege hereby granted shall not be considered in any manner in the nature of a tax; provided, however, that if hereafter under any authority of law or any ordinance of this city any taxes shall be imposed upon the Company for the exercise of the franchise herein granted or any license tax shall be imposed with respect to the operation of any vehicles in excess of the Twenty Dollars (\$20) per vehicle now required to be paid under the existing franchise of the company, such franchise taxes or such additional license fees shall be deducted from the percentages otherwise payable to the city under the provisions of this contract.

Third.—The annual charges or payments shall continue throughout the whole term of this contract, notwithstanding any clause in any statute or in the charter of any other company providing for payment for similar rights or franchises at a different rate.

Fourth.—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right and privilege upon the same or other terms and conditions, over the said streets and avenues.

Fifth.—At the termination or forfeiture of this grant, the City at the election of the Board, shall have the right, provided that in the case of termination it gives at least six (6) months' notice, to purchase such part of the property and plant of the Company as the Board shall determine is necessary for the purpose of the operation of the stages or omnibuses on said streets and avenues at a sum equal to a fair value of such property and plant, exclusive of any value which such property and plant may have by reason of this contract. Such property and plant are to be valued as if the Company had not exercised the right and privilege granted by this franchise; and no allowance shall be made to the Company in such valuation by reason of such exercise.

If the Company and the City cannot agree upon the extent of the property and plant necessary to be taken over, nor upon a fair value of such property and plant, then the extent and the value thereof shall be determined and fixed by arbitration at the instance of either party upon notice to the other party hereto, in the following manner:

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; these two shall choose a third disinterested person, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of the original term of this contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books and papers of the Company and its officers and employees under oath. The valuations so ascertained, and agreed to by any two (2) of such appraisers shall be conclusive upon both parties, but the annual percentages of gross receipts or minimum guarantees shall in no event be less than the annual percentages of gross receipts or minimum guarantees required to be paid during the last year of the original term of this contract.

One disinterested person shall be chosen by the Company, one disinterested person shall be chosen by the Board, and the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons, who shall be so selected, shall be final and conclusive.

If either the Company or the City fails to appoint an arbitrator as herein provided, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon the extent and value of such property within sixty (60) days after the arbitrators shall be so selected, then such extent and value may be fixed by a commission appointed by the Supreme Court on the application of either party.

Sixth.—The rights and privileges hereby granted shall not be assigned or transferred, either in whole or in part, whether by consolidation, merger, reorganization or otherwise, or leased or sublet in any manner, either in whole or in part, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any wise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents, nor shall the title thereto, or right, interest or property therein pass to or vest in any other person or corporation whatsoever, either by the act of the Company or by operation of law, whether under the provisions of the statutes relating to the consolidation, merger or reorganization of corporations or otherwise. The filing of such agreement shall constitute a condition precedent to the passing to or vesting in such proposed successor in title to the rights of the Company of the rights and privileges hereby granted, or of any portion thereof, or of any right, interest or property therein. In case of the failure of such proposed successor in title to the rights of the Company to file such agreement within sixty (60) days after the date on which such succession in title is to take effect, the right and privilege hereby granted may be forfeited, or the consent of the City provided for herein may be revoked by resolution of the Board.

Seventh.—The Company shall place vehicles in regular operation as follows:

(a) A sufficient number of vehicles to operate in the manner herein required upon Broadway and St. Nicholas ave. from 135th st. to 193rd st.; 181st st. from Fort Washington ave. to St. Nicholas ave.; St. Nicholas ave. from 149th st. to Broadway; Fort Washington ave. from Broadway to 181st st.; Edgecombe rd. from 155th st. to 167th st.; 167th st. from Edgecombe rd. to Broadway; 123rd st. from 5th ave. to Park ave.; Park ave. from 123rd st. to 127th st.; Seventh ave. from the Pennsylvania Station to Longacre sq.; Broadway from Longacre sq. to 57th st.; Morningside ave. from Manhattan ave. to Convent ave.; Convent ave. from Morningside ave. to St. Nicholas ave.; and upon such streets and avenues as are necessary to operate a line from the Pennsylvania Railroad Station to the Grand Central Station in 32nd st., Madison ave., Park ave. and other streets, within ten (10) days from the date upon which the Company obtains the permission and approval of the Public Service Commission;

(b) A sufficient number of vehicles, in addition to the above, to operate in the

manner herein required, upon such streets and avenues as are necessary to operate a line from 14th st. to 96th st. in Irving pl., Lexington ave., 23rd st., Madison ave., Park ave. and other streets, and also upon 57th st. from 5th ave. to Park ave.; within four (4) months from the date upon which the Company obtains the permission and approval of the Public Service Commission;

(c) A sufficient number of vehicles, in addition to the above, to operate in the manner herein required upon such streets and avenues as are necessary to operate a line from 5th ave. to Broadway in Transverse rd. No. 1 through Central Park and 66th st. within four (4) months after a suitable pavement has been completed in said Transverse rd. No. 1 and upon the streets and avenues which constitute the cross-town line from the East River to Riverside Drive in East 79th st., Transverse rd. No. 2 through Central Park, Central Park West, West 77th Street, Columbus ave. and West 79th st., within four (4) months after a suitable pavement has been completed in said Transverse rd. No. 2 and upon the streets and avenues which constitute the cross-town line from the East River to Riverside Drive in West 96th st., 5th ave., Transverse rd. No. 4 through Central Park, Central Park West, West 96th st., Broadway and West 95th st., within four (4) months after a suitable pavement has been completed in said Transverse rd. No. 4;

(d) A sufficient number of vehicles in addition to the above to operate in the manner herein required upon Manhattan st. between Fort Lee Ferry and 125th st. and upon 57th st. between Manhattan st. and 1st ave.; upon Willis Avenue Bridge and the approaches thereto, and on East 132nd st. between Willis Avenue Bridge and the station of the New York, Westchester and Boston Railway; and upon Broadway from 110th st. to 135th st., within four (4) months from the date upon which the Company obtains the permission and approval of the Public Service Commission;

(e) A sufficient number of vehicles in addition to the above to operate in the manner herein required upon 57th st. from Broadway to 8th ave., 8th ave. from 59th st. to Central Park West, those portions of Central Park West from 59th st. to 77th st., from 81st st. to 96th st. and from 97th st. to 8th ave. at 110th st., 8th ave. from 110th st. to 113th st., 113th st. from 8th ave. to Morningside Park East, 106th st. from Central Park West to Broadway and Broadway from 106th st. to 110th st., within one month after there shall have been furnished a sufficient roadway for the operation of omnibuses and other vehicles between the railroad tracks on Central Park West and the curb of the sidewalk between 59th st. and 110th st.

otherwise this right and privilege shall cease and determine; provided that the periods for the placing of such vehicles in operation may be extended by the Board, but the total extension of time for any such period shall not exceed in the aggregate six (6) months; and, provided, further, that when the commencement of said operation shall be prevented by legal proceedings in any court or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement of such operation may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and shall have delivered to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board, the Company shall, in writing, consent that the Board, either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Eighth.—Nothing herein contained shall be construed as permitting the Company to erect any structures whatever upon City streets, and the Company shall not construct or maintain any fixture or structure in any street unless especially authorized by resolution of the Board.

Ninth.—All vehicles which may be operated pursuant to this contract shall comply with the following general requirements:

1. They shall be propelled by power generated or contained within the vehicle itself, but no power shall be used which will in its generation or use produce smoke or noxious odors sufficient in the opinion of the Board or its authorized representatives, to constitute a nuisance.

2. The maximum weight, including fuel, water, oil or any other material or any accessories used in operation, shall not exceed ten thousand five hundred (10,500) pounds, except as to such omnibuses as may be operated provisionally during the first year of this contract.

3. The maximum width shall not exceed seven (7) feet six (6) inches.

4. The maximum height over all shall not exceed twelve (12) feet six (6) inches.

5. The maximum height of the floor of the upper deck shall not exceed nine (9) feet seven (7) inches.

6. The maximum length shall not exceed twenty-five (25) feet.

7. They shall be designed and constructed in a manner which will permit ease and freedom of movement under all conditions.

8. The distribution of weight on axles, length of wheel base and other features of design shall be such as to avoid skidding in so far as possible and shall be such as to permit easy steering and control.

9. They shall be fitted with brakes capable of stopping and holding the same under all conditions.

10. All parts shall be so constructed that no undue noise or vibration shall result from operation.

11. They shall be so constructed that the oil or grease cannot drop on the roadway.

Tenth.—No stage or omnibus, except such as may be used provisionally during only the first year of this contract, shall be operated pursuant to this contract, unless there shall be painted thereon in letters sufficiently large to be clearly legible at a distance of seventy-five (75) feet:

(a) The name of the Company owning and operating such vehicle.

(b) The number of the vehicle which is assigned to it upon receiving the approval of the Board or its authorized representatives.

(c) The number of adults for which the vehicle has seating space.

Eleventh.—No advertising shall appear on the outside of any stage or omnibus.

Twelfth.—The destination of each stage or omnibus shall be plainly indicated on the front of the vehicle, and shall be illuminated at night.

Thirteenth.—The number of passengers to be carried in any vehicle shall at no time exceed the seating capacity of the vehicles.

Fourteenth.—The inclosed portion of all stages or omnibuses which are operated on said routes

shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force affecting surface railway cars or such laws and ordinances affecting stages or omnibuses as may hereafter, during the term of this contract, be in force, or as may be required by resolution of the Board.

Fifteenth.—The inclosed portion of all stages or omnibuses operated on said routes shall be well lighted and as may be required by resolution of the Board.

Sixteenth.—Before any stage or omnibus is put in service it shall be submitted to the Board or its authorized representatives and receive the approval thereof. If any vehicle which may be so submitted for approval shall not conform with the requirements herein the Company shall not operate such vehicle. If after a vehicle shall have been so approved, defects develop which in the opinion of the Board or its authorized representatives render it unsuitable for public service, then the Board or its authorized representatives may require the withdrawal of such vehicle from service until such defect has been remedied and the Board notified to that effect.

Upon being approved by the Board or its authorized representatives, each vehicle shall be given a number which shall not be changed so long as such vehicle shall be operated by the Company, unless and until the Company shall notify the Board that it proposes to change the number of the vehicle and of the new number which it is proposed to use.

Seventeenth.—All vehicles operated pursuant to this grant shall be maintained in good and safe repair and in a manner which will in all ways render the vehicle fit for public service. The Company shall permit the Board or its authorized representatives to inspect at all reasonable times any or all the vehicles used by the Company. If upon inspection any vehicle shall appear in the judgment of said Board or its authorized representatives to be unfit for public service, then the Company shall, upon notice, immediately withdraw such vehicle from service and shall remedy the defect and notify the Board or its authorized representatives that the defect has been remedied before such vehicle shall be restored to service.

Eighteenth.—All laws and ordinances affecting the operation of stages or omnibuses now in force, or which may be in force during the term of this contract and shall not be inconsistent with the specific privileges conferred under this contract, shall be complied with by the Company. The Company shall also comply with and enforce the carrying out of any orders or regulations which may be issued by the Board, designed for the protection of persons, of property or of the comfort and health of the public.

Nineteenth.—The Company shall, during the term of this contract, be entitled to charge for a single fare upon the said new routes the sum of ten (10) cents but no more, and upon the payment of such fare a passenger shall be entitled to ride as directly as possible from any point on any of the streets or avenues in which the Company is hereby or has heretofore been authorized to operate to any

**Twenty-third**—If in the opinion of the Board it shall, at any time during the original term, or during the first seven (7) years of the renewal term of this contract be deemed necessary that the Company operate an extension or extensions to any of the routes on the said streets and avenues or operate routes in addition to and distinct from and in no way connected with those in the said streets and avenues, and the Board shall so order after a public hearing, notification of which shall be given to the Company at least ten (10) days prior to the date thereof, then the Company shall within thirty (30) days after the date of such order, apply for the right and privilege to maintain and operate such extension, extensions, additional route or routes, and shall accept a grant to operate such extension extensions or additional route or routes for a term expiring not later than the date of the expiration of the renewal term of this contract, but if the said order of the Board shall be issued at any time during the first twelve (12) years of this contract, then the grant to operate any such extension or additional route shall be for a term expiring on the date of the original term of this contract, with the privilege of a renewal term expiring not later than the date of the renewal term of this contract. Such grant shall contain the following special clauses:

“(1) The Company shall keep accurate accounts of the gross annual receipts from all sources acquired from the operation of the route herein authorized and of the number of bus miles operated thereon, and shall take such means as are necessary and approved by the Board to keep such accounts.

“(2) The annual cost of operation of the route herein authorized shall be deemed to equal the sum of the following items:

“(a) The number of bus miles actually operated thereon, multiplied by the average cost of operation per bus mile over all the routes of the Company within the city, which average cost of operation shall include taxes and a sum sufficient to pay for the depreciation of the plant and equipment used for the purpose of operation of said routes, which sum for depreciation for the entire period covered by this contract, shall in no event amount to less than a sum sufficient to pay for three (3) years depreciation during the term of this franchise.

“(b) Interest at the rate of six (6) per cent. per annum upon the value of the physical property actually required to carry on the operation of the route herein authorized, which value, unless a less value is agreed to by the Company and the City, or a less value determined by arbitration, shall be an amount equal to ten thousand dollars (\$10,000) for each additional vehicle for the operation of the route herein authorized. The number of additional vehicles necessary for said operation on the route herein authorized shall be deemed to be equal to the number of bus miles operated thereon per annum, divided by the average number of bus miles per annum operated by each of the vehicles of the Company upon all of its routes within the city, which shall in no case be less than twenty thousand (20,000) miles.

“(3) The gross annual receipts as herein used shall be the actual gross annual receipts to the Company from whatsoever source derived, either directly or indirectly, in any manner, out of or in connection with the operation of the routes herein authorized. Provided, however, if said route is operated in conjunction with any other route or routes of the Company not described in this contract, then the gross annual receipts shall be deemed to be the cash fares collected on said route plus that proportion of the receipts of the Company from any other source, derived either directly or indirectly, in any manner, out of or in connection with the operation of the route herein authorized, as the number of bus miles per annum operated on the route hereby authorized bears to the total bus miles operated per annum by the Company upon all its routes within the City, unless some other method to determine the gross receipts shall be agreed to by the Company and the City.

“(4) During any year ending September 30 the cost of operation of the route herein authorized shall exceed the gross receipts therefrom for that year, then the amount of the excess of cost of operation over such gross receipts shall be deducted from the payments due the City for that year required by the first or original grant to the Company by the Board of Estimate and Apportionment.

“(5) If during any year the total cost of operation of all the routes operated by the Company under rights and privileges applied for in compliance with orders of the Board pursuant to section 2, subdivision twenty-third, of the original grant to the Company, by the Board of Estimate and Apportionment exceeds for the corresponding year the aggregate of the gross receipts therefrom by a sum in excess of seventy-five (75) per cent. of the amount payable to the City by the Company pursuant to paragraphs designated as 2 and 3 of (b) in Section 2, Subdivision Second of the first or original grant to the Company by the Board of Estimate and Apportionment, then the Company shall have the right to discontinue and abandon one or more of such routes operated in compliance with such orders of the Board as is necessary to limit the loss to an amount which shall not be in excess of seventy-five (75) per cent. The routes to be abandoned shall be selected by the Board.

All other terms and conditions of such grant shall be the same as contained in this contract, unless otherwise mutually agreed to by the Company and the City, with, however, the following exceptions, omissions, changes and additions.

1. Section 2, subdivision second, clause (a) shall be changed so as to provide for the payment of an amount bearing the same ratio to the initial payment provided for in this contract as the length of such extension or additional route bears to the length of the streets and avenues upon which the Company is hereby authorized to operate unless a greater amount is agreed to by the Company.

2. Section 2, subdivision second, clause (b) shall be changed so as to provide for a maximum rate of five (5) per cent. of the gross annual receipts of such extension or additional route during the term of the contract except for any renewal thereof, with reasonable minimum annual payments, to be agreed upon between the City and the Company. The compensation to the City for any renewal term shall be determined in the same manner as the compensation for the renewal term of this contract as herein provided.

3. Section 2, subdivision seventh, shall be changed so as to contain a specified period within which to commence operation, which period shall be sufficient to enable the Company to reasonably comply therewith.

4. Section 2, subdivision nineteenth, shall be changed so as to provide for a maximum rate of fare to be determined by the Board, but which shall in no case, without the consent of the Company be fixed at an amount less than ten (10) cents.

5. Section 2, subdivision twentieth, shall be changed so as to provide for maximum headway of vehicles to be determined by the Board.

6. Section 2, subdivision thirtieth, shall be changed so as to provide for the deposit as security of a sum which may be mutually agreed upon by the City and the Company. In case, however, such an agreement cannot be reached, the amount of the security deposit shall bear the same ratio to thirty thousand dollars (\$30,000) as the length of the extension or additional route shall bear to the length of the streets and avenues upon which the Company is hereby authorized to operate.

7. Section 2, subdivision twenty-third shall be omitted.

8. Said contract shall also contain the following clause:

“If any dispute shall at any time arise between the parties hereto in regard to the amount or amounts due or to be credited to either the City or the Company under the terms of this contract, or if the City at any time questions the equity of the sum of ten thousand dollars (\$10,000) per vehicle as the amount upon which interest at the rate of six (6) per cent. per annum is to be charged as a part of operating cost, as herein provided for, then such amount or amounts shall be determined by arbitration at the instance of either party upon notice to the other party hereto, in the following manner:

“One disinterested person must be chosen by the Company, one disinterested person shall be chosen by the Board, and the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons who shall be so selected, shall be final and conclusive.

“If either the Company or the City fails to appoint an arbitrator as herein provided within thirty (30) days from the date of such notice, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon said amount or amounts within sixty (60) days after the arbitrators shall be so selected, then such amount or amounts may be fixed by a commission appointed by the Supreme Court on the application of either party.”

9. Such additional provisions as may be required by reason of conditions peculiar to the operation of such extension or additional route and which may be agreed upon between the City and the Company.

Nothing contained in this subdivision shall apply to any extension or additional route for which a right and privilege is voluntarily applied for by the Company.

“Twenty-fourth—If, in the opinion of the Board, it shall at any time during the term of this contract be deemed necessary that the Company operate upon streets or avenues other than those in which the Company is hereby authorized to operate, in substitution for any route or portion of a route herein authorized running in a general northerly and southerly direction, and not greater than one mile in length, or in substitution for any route herein authorized running in a general easterly and westerly direction, and the Board shall so order after a public hearing, notification of which shall be given to the Company at least ten (10) days prior to the date thereof, then the Company shall apply for the right to operate such substituted route or routes within thirty (30) days after the date of such order and accept a grant therefor upon the same terms and conditions as those contained herein for a term expiring not later than the date of the expiration of this contract, and upon receiving such grant the Company shall surrender the right to operate over the route for which such substitution has been made.

“Twenty-fifth—The Company shall submit to the Board a verified report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.

2. The amount paid in as by last report.

3. The total amount of capital stock paid in.

4. The funded debt by last report.

5. The total amount of funded debt.

6. The floating debt as by last report.

7. The total amount of floating debt.

8. The total amount of funded and floating debt.

9. The average rate per annum of interest on funded debt.

10. Statement of dividends paid during the year.

11. The total amount expended for same.

12. The names of the directors elected at the last meeting of the corporation held for such purpose.

13. Location, value and amount paid for real estate owned by the Company as by last report.

14. Location, value and amount paid for real estate now owned by the Company.

15. Number of passengers carried during the year.

16. Number of bus miles operated during the year.

17. Total receipts of Company for each class of business.

18. Amounts paid by the Company for damage to persons or property on account of construction and operation.

19. Total expenses for operation, including salaries, and such other information in regard to the business of the Company as may be required by the Board.

“Twenty-sixth—The Company shall at all times keep accurate books of account of its gross annual receipts and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross annual receipts, the total miles in operation and the miles operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books and papers of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers and employees under oath.

“Twenty-seventh—The Company shall keep accurate books of the performance of different types of vehicles and the different services rendered and the cost thereof, and shall at any time furnish the Board or its authorized representatives such information with respect thereto as shall be requested.

“Twenty-eighth—In case of any violation or breach or failure to comply with any of the provisions herein contained or with any orders of the Board or its authorized representatives or any other official of the City acting under the powers herein reserved, the Board may serve upon the Company notice of default, specifying therein the particular default complained of, and directing the Company to cure the same within ninety days. If there shall be any dispute as to the fact of default or as to the remedying thereof, the Company may apply to the court. If the default shall not be remedied within such time, or within such further time as may be allowed by the Board or by the court the franchise herein granted may be declared forfeited by resolution of said Board.

“Any false entry in the books of the Company or false statement in the reports to the Comptroller as to a material fact, knowingly made by the Company, shall constitute such a violation or breach or failure to comply with the provisions

herein contained as to warrant the forfeiture of the right and privilege hereby granted.

“Twenty-ninth—The Company shall assume all liability for damages to persons or property occasioned by reason of the maintenance and operation of the stages or omnibuses hereby authorized, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company shall repay the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

“Thirty-first—This grant is upon the express condition that the Company, within thirty (30) days after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the rights and privileges hereby granted, shall deposit with the Comptroller of the City the sum of thirty thousand dollars (\$30,000), either in money or securities to be approved by the Comptroller, which fund shall be security for the performance by the Company of all the terms and conditions of this contract and for its compliance with all orders of the Board and of the officials of the City acting under the powers herein reserved. Deductions may be made from the said fund as herein provided.

“(a) Should the Company, within such time after notice as may be herein prescribed, or, where no time is prescribed, within such time as the Board or the proper official of the City may thereafter prescribe, fail to comply with the provisions of this contract, or with the orders of the Board or of the officials of the City herein named or referred to, relating to the removal of snow and ice, the City shall have the right to cause the work to be done or the defect remedied and to reimburse itself for the cost of such work, by deducting such cost, with interest, from the security fund hereinabove provided for. Such deduction shall be made by the Comptroller upon the direction of the Board.

“(b) Should the Company, within ten (10) days after demand has been made upon it, fail to pay to the City any damages caused to persons or property which the City shall be compelled to pay by reason of the maintenance or operation of the stages or omnibuses, or by reason of any acts or defaults of the Company in connection therewith, the City shall have the right to collect such costs or damages, with interest, by deducting the amount of the same, with interest, from the security fund hereinabove provided for. Such deduction shall be made by the Comptroller without further or other direction.

“(c) Should the Company fail to pay to the City the annual charges required to be paid by this contract, within the time fixed for the payment thereof, the City shall have the right to collect the amount of such charges, with interest, by deducting the same from the security fund hereinabove provided for. Such deduction shall be made by the Comptroller without further or other direction.

“(d) Should the Company fail to comply with the provisions of this contract, or with the orders of the Board or of the officials of the City herein named or referred to, then the Company may be required to pay to the City, liquidated damages for each breach or violation, the following sums:

“For failure to maintain the headway as herein prescribed, or to properly heat or light its vehicles, the sum of fifty dollars (\$50) per day for each day of violation, and the further sum of ten dollars (\$10) per day for each vehicle which shall not be operated, heated or lighted in accordance with the said provisions, with interest, from the security fund hereinabove provided for. Such deduction shall be made by the Comptroller upon the direction of the Board.

“For failure to give efficient public service at rates herein fixed, or to maintain its vehicles and equipment in good condition throughout the whole term of this contract, the sum of two hundred and fifty dollars (\$250) for each day during which the default or defect remains.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause why the Company should not be required to pay such liquidated damages as hereinabove provided.

“For failure to comply with any other provision of this contract as to which liquidated damages are not fixed herein, the sum of fifty dollars (\$50) per day for each day during which such failure or default remains.

“All of such sums may be collected by deducting the same from the security fund hereinabove provided for.

“The procedure for the collection of such liquidated damages shall be as follows:

“Whenever the Board shall have knowledge of any such breach or violation on the part of the Company, the Board shall give notice to the Company, specifying the nature of such breach or violation and the amount of liquidated damages which it is proposed to collect therefor, and directing its president or other officer to appear before the Board on a certain day, not less than ten (10) days after the service of such notice, to show cause



**MONDAY, DECEMBER 31, 1917.**  
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR: CONTRACT NO. 1—GENERAL CONSTRUCTION WORK, ETC. CONTRACT NO. 2—PLUMBING WORK, ETC. CONTRACT NO. 3—STEAM HEATING WORK, ETC., FOR THE ERECTION AND COMPLETION OF THE NEW ADDITIONS TO NURSES' HOME ON THE GROUNDS OF THE KINGS COUNTY HOSPITAL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of each contract is two hundred (200) consecutive working days.

The security required will be as follows: Contract No. 1, Twenty-five Thousand Dollars (\$25,000); Contract No. 2, Four Thousand Dollars (\$4,000); Contract No. 3, Three Thousand Dollars (\$3,000). A separate bid must be submitted for each contract, and award will be made thereon.

The deposit accompanying bid on each item shall be five per cent. (5%) of the amount of security required.

The bidder will state a separate price for each contract. Bidders may bid on any or all contracts.

Award, if made, will be made to the lowest bidder for each contract described and specified.

Blank forms and further information may be obtained at the office of Helmle and Corbett, Architects, 190 Montague st., Brooklyn, where plans and specifications may be seen.

JOHN A. KINGSBURY, Commissioner.  
Dated, Dec. 17, 1917.

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**SEALED BIDS WILL BE RECEIVED BY** the Department of Public Charities at the office of the Central Purchase Committee, room 1220, Municipal Building, Manhattan, until 12:30 p. m.

**THURSDAY, DECEMBER 27, 1917,**  
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING AFRICAN FIBRE AND BROOM CORN.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

Blank forms and further information may be obtained at the office of the Central Purchase Committee, 12th floor, Municipal Building, Manhattan.

DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner. d14,27

*See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.*

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Water Supply, Gas and Electricity, at Room 2320, Municipal Building, Manhattan, until 11 a. m., on

**MONDAY, DECEMBER 31, 1917,**  
FOR FURNISHING AND DELIVERING AUTOMOBILES AND EQUIPMENT.

The amount of security required is thirty per cent. (30%) of the total amount of the bid.

The amount of security deposit required is one and one-half per cent. (1½%) of the total amount of the bid.

Blank forms of bid, proposals and contract, including specifications approved as to form by the Corporation Counsel, can be obtained at Room 2314, Municipal Building, Manhattan.

Dated, Dec. 18, 1917.

d19,31 WILLIAM WILLIAMS, Commissioner.

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Water Supply, Gas and Electricity, at Room 2320, Municipal Building, Manhattan, until 11 a. m., on

**MONDAY, DECEMBER 31, 1917,**  
FOR FURNISHING AND DELIVERING INCANDESCENT ELECTRIC LAMPS FROM JAN. 1, 1918, TO DEC. 31, 1918, BOTH INCLUSIVE.

The amount of security required is thirty per cent. (30%) of the total amount of the bid.

The amount of security deposit required is one and one-half per cent. (1½%) of the total amount of the bid.

Blank forms of bid, proposals and contract, including specifications approved as to form by the Corporation Counsel, can be obtained at Room 2314, Municipal Building, Manhattan.

Dated, Dec. 18, 1917.

d19,31 WILLIAM WILLIAMS, Commissioner.

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Water Supply, Gas and Electricity, at Room 2320, Municipal Building, Manhattan, until 11 a. m., on

**MONDAY, DECEMBER 31, 1917,**  
FOR SUPPLYING STEAM TO PUBLIC BUILDINGS, OFFICES AND STRUCTURES IN THE BOROUGH OF MANHATTAN FROM JAN. 1, 1918, TO DEC. 31, 1918, BOTH INCLUSIVE.

The amount of security required is twenty-five per cent. (25%) of the total amount of the bid.

The amount of security deposit required is one and one-quarter per cent. (1¼%) of the total amount of the bid.

Blank forms of bid, proposals and contract, including specifications approved as to form by the Corporation Counsel, can be obtained at Room 2314, Municipal Building, Manhattan.

Dated, Dec. 18, 1917.

d19,31 WILLIAM WILLIAMS, Commissioner.

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**DEPARTMENTS OF PARKS, BRONX; PUBLIC CHARITIES, PARKS, MANHATTAN AND RICHMOND; CORRECTION, WATER SUPPLY, GAS AND ELECTRICITY AND FIRE.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the Departments of Parks, Bronx; Public Charities; Parks, Manhattan and Richmond; Correction, Water Supply, Gas and Electricity, and

Fire, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12:30 p. m.

**THURSDAY, DECEMBER 27, 1917,**  
FOR FURNISHING AND DELIVERING CORDAGE, ROPE AND OAKUM.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

**DEPARTMENT OF PARKS, BRONX,** THOMAS W. WHITTLE, Commissioner.

**DEPARTMENT OF PUBLIC CHARITIES,** JOHN A. KINGSBURY, Commissioner.

**DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND,** ROBERT F. VOLENTINE, Commissioner.

**DEPARTMENT OF CORRECTION,** G. LEWIS, Commissioner.

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY,** WILLIAM WILLIAMS, Commissioner.

**FIRE DEPARTMENT,** ROBERT ADAMSON, Commissioner.

**THURSDAY, DECEMBER 27, 1917,**  
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING AFRICAN FIBRE AND BROOM CORN.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

**DEPARTMENT OF PUBLIC CHARITIES,** JOHN A. KINGSBURY, Commissioner. d14,27

*See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.*

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** Bellevue and Allied Hospitals and the Departments of Public Charities, Police, Correction, Health; Parks, Manhattan and Richmond; Parks, Bronx; and the Department of Water Supply, Gas and Electricity and Fire Department, at the office of the Central Purchase Committee, Room 1220, Municipal Building, Manhattan, until 12:30 p. m.

**THURSDAY, DECEMBER 27, 1917,**  
FOR FURNISHING AND DELIVERING CLEANING MATERIALS AND COMPOUNDS.

The time for the performance of the contract is on or before March 31, 1918.

The amount of security required is thirty per cent. of the contract amount awarded. No bid shall be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the schedules.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Specifications referred to in the schedules may be had upon application at the office of the Bureau of Contract Supervision, Room 1327, Municipal Building, Manhattan.

**Bellevue and Allied Hospitals,** JOHN W. BRANNAN, M. D., President.

**DEPARTMENT OF PUBLIC CHARITIES,** JOHN A. KINGSBURY, Commissioner.

**POLICE DEPARTMENT,** ARTHUR WOODS, Commissioner.

**DEPARTMENT OF CORRECTION,** G. LEWIS, Commissioner.

**DEPARTMENT OF HEALTH,** HAVEN EMERSON, M. D., Commissioner.

**DEPARTMENT OF PARKS, MANHATTAN AND RICHMOND,** ROBERT F. VOLENTINE, Commissioner.

**DEPARTMENT OF PARKS, BRONX,** THOMAS W. WHITTLE, Commissioner.

**DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY,** WILLIAM WILLIAMS, Commissioner.

**FIRE DEPARTMENT,** ROBERT ADAMSON, Commissioner.

**THURSDAY, DECEMBER 27, 1917,**  
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING INCANDESCENT ELECTRIC LAMPS FROM JAN. 1, 1918, TO DEC. 31, 1918, BOTH INCLUSIVE.

The amount of security required is thirty per cent. (30%) of the total amount of the bid.

The amount of security deposit required is one and one-half per cent. (1½%) of the total amount of the bid.

Blank forms of bid, proposals and contract, including specifications approved as to form by the Corporation Counsel, can be obtained at Room 2314, Municipal Building, Manhattan.

Dated, Dec. 18, 1917.

d19,31 WILLIAM WILLIAMS, Commissioner.

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**SEALED BIDS WILL BE RECEIVED BY** the Commissioner of Records of the County of New York, at Room 715, Hall of Records, Manhattan, until 12 noon, on

**WEDNESDAY, DECEMBER 26, 1917,**  
FOR FURNISHING AND INSTALLING METALLIC CASE SECTIONS WITH STEEL SHELVES AND STEEL BASES THEREFOR; STEEL FILING CUPBOARDS AND STEEL SHELVES THEREFOR; AND SPECIAL STEEL SHELVING TO FIT EXISTING FILE CASES; ALL FOR THE OFFICE OF THE CLERK OF THE COUNTY OF NEW YORK, IN THE HALL OF RECORDS BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK, AS SHOWN ON PLANS OR AS MAY BE NECESSARY TO COMPLETE THE WORK IN A FIRST-CLASS AND PROPER MANNER; ALL TO BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS PREPARED BY THE COMMISSIONER OF RECORDS OF THE COUNTY OF NEW YORK.

The time allowed for doing and completing the work will be sixty (60) consecutive calendar days.

The security required will be thirty per cent. (30%) of the total amount for which the contract will be awarded.

Each bid must be accompanied by a deposit of not less than one and one-half per cent. (1½%) of the amount of the bid, in cash or certified check payable to the order of the Comptroller of the City of New York.

Blank forms of bid, upon which bids must be made, can be obtained upon application therefor; the plans and specifications may be seen and the information obtained at said office.

Bidders must state a lump sum for the above contract, as the contract in entire and for the complete job.

Plans and drawings may be seen and blank forms of the contract and specifications may be obtained at the office of the Commissioner of Records, County of New York, Room 715, Hall of Records, Manhattan.

**CHARLES K. LEXOW,** Commissioner of Records, New York County. d14,26

*See General Instructions to Bidders on last page, last column, of the "City Record."*

**BOROUGH OF THE BRONX.**

**Proposals.**

**SEALED BIDS WILL BE RECEIVED BY** the President of the Borough of The Bronx, at his office, Municipal Building, Crotona Park, Tremont ave. and 3rd ave., until 10:30 a. m., on

**THURSDAY, DECEMBER 27, 1917,**  
Borough of Richmond.

**NO. 1. FOR SHOEING THE HORSES AT STABLE "A," SWAN ST., TOWPKINSVILLE, S. I.**

The Superintendent's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required is as follows: Shoeing 31 draft horses, per month; shoeing 7 driving horses, per month.

The time for the completion of the work and the full performance of the contract is Jan. 1, 1918, to Dec. 31, 1918.

The amount of security required is Three Hundred Dollars (\$300).

**NO. 2. FOR SHOEING**

Lot No. 18—1 Locomobile (Commercial, 30 H. P., 1909);  
Lot No. 19—1 pile of old rubber boots (235 lbs., more or less);  
Lot No. 20—1 pile of cast iron scrap (about 5 tons).

Lot No. 21—1 pile old rubber hose.  
Lot No. 22—Fence rail (36 feet), iron posts (5), stoop rails, 5 ft by 16 feet (2 pieces), taken from No. 1093 Washington ave.

Lot No. 23—Railing, iron pipe (16 feet), taken from No. 1154 Washington ave.

Lot No. 24—Railing, iron (17 feet), iron posts (2), taken from No. 1244 Washington ave.

Lot No. 25—Railing, iron (19 feet), stoop rail (9 feet), brass top (9 feet), taken from No. 1685 Washington ave.

Lot No. 26—Railing, iron (7 feet), iron posts (2), taken from No. 1924 Washington ave.

Lot No. 27—Railing, iron (22 feet), hand rails, brass, 5 feet (2), iron posts (4), taken from No. 1687 Washington ave.

Lot No. 32—Fence, iron (48 feet), taken from No. 1699 Washington ave.

Lot No. 33—Fence, iron (20 feet), taken from No. 1703 Washington ave.

Lot No. 34—1 old couple.  
Lot No. 35—1 iron boiler.

## TERMS OF SALE.

All property shall be sold "as is." Cash payments or bankable funds at the time and place of sale, and the removal of the materials within 48 hours from the date of sale. If the purchaser or purchasers do not comply with the above conditions of removal they shall forfeit his or their purchase money and the ownership of the articles purchased, which will thereafter be resold for the benefit of the City.

The City will not be liable for any loss or damage to property sold between the time of sale and time of removal.

And the President of the Borough of The Bronx reserves the right on the day of sale to withdraw from the sale any of the articles and materials or reject all bids.

DOUGLAS MATHEWSON, President.

d13,26

## DEPARTMENT OF HEALTH.

## Proposals.

SEALED BIDS WILL BE RECEIVED BY the Board of Health of the Department of Health, Centre and Walker sts., Manhattan, until 10:30 a. m., on

THURSDAY, DECEMBER 27, 1917,  
FOR FURNISHING AND DELIVERING FORAGE TO THE MUNICIPAL SANATORIUM AT OTISVILLE, ORANGE COUNTY NEW YORK.

The time for the performance of the contract is during the month of December, 1917.

The amount of security required is thirty (30) per cent. of the contract amount awarded.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half (1 1/2) per cent. of the total amount of the bid.

The bidder will state the price per unit, as called for in the schedules of quantities and prices, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder for the entire contract.

Bids must be submitted in duplicate, each copy in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, Centre and Walker sts., Manhattan.

HAVEN EMERSON, M. D., President; ALFRED E. SHIPLEY, M. D., Secretary.

Dated, Dec. 14, 1917. d14,27

See General Instructions to Bidders on last page, last column, of the "City Record."

## SUPREME COURT—FIRST DEPARTMENT.

## Notice to File Claims.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the real property required for the opening and extending of EMMET STREET, from Fordham road to the lands of St. John's University, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Judicial District, dated December 14, 1917, and duly entered and filed in the office of the Clerk of the County of Bronx on December 15, 1917, the application of The City of New York to have the compensation which should justly be made to the respective owners of the real property proposed to be taken in the above entitled proceeding ascertained and determined by the Supreme Court without a jury, and the cost of such improvement assessed by the Board of Estimate and Apportionment on the 16th day of February, 1917, was granted.

NOTICE IS HEREBY FURTHER GIVEN that, pursuant to Section 1000 of the Greater New York Charter, as amended by Chapter 606 of the Laws of 1915, the map or survey of the land to be acquired in this proceeding has been duly filed in the office of the Clerk of the County of Bronx, and each and every party and person interested in the real property to be taken for the purpose of opening and extending of Emmet street, from Fordham road to the lands of St. John's University, in the 24th Ward, Borough of The Bronx, City of New York, having any claim or demand on account thereof, is hereby required to file his claim, duly verified, describing the real property which the claimant owns or in which he is interested, and his post office address, with the Clerk of the County of Bronx, on or before the 7th day of January, 1918, and a copy of such verified claim.

Dated, New York, December 24, 1917.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York.

d24,35

## Filing Bills of Costs.

In the Matter of the Application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain lands, lands under water, lands under water filled in, wharfage rights, incorporeal hereditaments, terms, easements, emoluments, privileges and appurtenances necessary to be taken for the improvement of the water front of The City of New York on the North River, between the north side of West Forty-fourth street and

the centre line of the block between West Forty-seventh and West Forty-eighth streets, pursuant to the plan heretofore adopted by the Board of Docks and amended by the Board of Docks and the Commissioner of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in the City of New York, on the 2d day of January, 1918, at 10:30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 19, 1917.

WILLIAM H. JASPER, Clerk.

d19,31

In the Matter of the Application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of RHINELANDER AVENUE, from Cruger avenue to Stillwell Avenue, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof for the hearing of motions, to be held at the County Court House in the Borough of The Bronx, in the City of New York, on the 31st day of December, 1917, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 19, 1917.

DOMINIC L. O'REILLY, JOHN W. THOMPSON, HENRY L. HAFFEN, Commissioners of Estimate; DOMINIC L. O'REILLY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk.

required for the opening and extending of MAURICE AVENUE, from Hanover avenue to Junction avenue; HORTON STREET, from Hanover avenue to Junction avenue; IVY STREET, from Hanover avenue to Junction avenue; JENNINGS STREET, from Hanover avenue to Junction avenue; and LEWIS AVENUE, from Hanover avenue to Junction avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Judicial District, dated December 10, 1917, and duly entered and filed in the office of the Clerk of the County of Queens on December 13, 1917, the application of the City of New York to have the compensation which should justly be made to the respective owners of the real property proposed to be taken in the above entitled proceeding ascertained and determined by the Supreme Court without a jury, and the cost of such improvement assessed by the Court in accordance with the resolution of the Board of Estimate and Apportionment adopted on the 5th day of January, 1917, was granted.

Dated, New York, December 13, 1917.

LAMAR HARDY, Corporation Counsel, 153 Pierrepont Street, Borough of Brooklyn, City of New York.

d17,28

of the County of Kings on or before the 29th day of December, 1917, and to serve on the Corporation Counsel of the City of New York at his office, No. 153 Pierrepont street, Borough of Brooklyn, City of New York, on or before the 29th day of December, 1917, a copy of such verified claim.

Dated, New York, December 13, 1917.

LAMAR HARDY, Corporation Counsel, 153 Pierrepont Street, Borough of Brooklyn, City of New York.

d17,28

## Filing Bills of Costs.

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of RIKER AVENUE from Steinway avenue to 12th street, subject to any easement or right that may be owned by the New York and Queens County Railroad Company, in the 1st and 2nd Wards, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held at the Garfield Building, 26 Court street, in the Borough of Brooklyn, in the City of New York, on the 8th day of January, 1918, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 24, 1917.

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WILLIAM HARRISON ROBINSON, MICHAEL CONNOR, CHAS. H. GEORGI, Commissioners of Estimate; CHAS. H. GEORGI, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk.

d24,j5

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of RHINELANDER AVENUE, from Cruger avenue to Stillwell Avenue, in the 24th Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held at the Garfield Building, 26 Court street, in the Borough of Brooklyn, in the City of New York, on the 8th day of January, 1918, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 24, 1917.

ROBERT J. CULHANE, R. HAROLD PAGNELL, JAMES F. SULLIVAN, Commissioners of Estimate; ROBERT J. CULHANE, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk.

d24,j5

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WILLOW AVENUE from Grand street to Columbine avenue, in the 2nd Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held at the Garfield Building, 26 Court street, in the Borough of Brooklyn, in the City of New York, on the 8th day of January, 1918, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 24, 1917.

ROBERT J. CULHANE, R. HAROLD PAGNELL, JAMES F. SULLIVAN, Commissioners of Estimate; ROBERT J. CULHANE, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk.

d24,j5

In the Matter of the Application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of MEADOW STREET, from Varick avenue to a point about 162 feet easterly therefrom, and from Scott avenue to Metropolitan avenue; STAGG STREET, from Varick avenue to Stewart avenue, and from Scott avenue to Onderdonk avenue; SCHOLES STREET, from a point about 100 feet west of Scott avenue to Onderdonk avenue; MESEROLE STREET, from Stewart avenue to the old creek easterly therefrom, and from a point about 70 feet west of Scott avenue to Onderdonk avenue; RANDOLPH STREET, from Varick avenue to Seneca avenue, excepting land occupied by the Long Island Railroad; and GARDNER AVENUE, from Johnson avenue to Randolph street, in the 18th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT A BILL of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the Garfield Building, No. 26 Court street, in the Borough of Brooklyn, in The City of New York, on the 31st day of December, 1917, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon.

Dated, New York, December 20, 1917.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York.

d20,j2

In the Matter of Acquiring Title by The City of New York to certain lands and premises situated in the block bounded by ASHFORD STREET, Belmont avenue, Warwick street and Pitkin avenue, in the Borough of Brooklyn, in the City of New York, to the southerly right-of-way line of the Whitestone Division of the Long Island Railroad, in the Third Ward, Borough of Queens, City of New York, having any claim or demand on account thereof, is hereby required to file his claim, duly verified, describing the real property which the claimant owns or in which he is interested, and his post office address, with the Clerk of the County of Queens, on or before the 3d day of January, 1918, a copy of such verified claim.

Dated, New York, December 15, 1917.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York.

d15,27

NOTICE IS HEREBY GIVEN THAT AN order of the Supreme Court of the State of New York, dated December 11, 1917, and duly entered and filed in the office of the Clerk of the County of Kings on December 12, 1917, the application of The City of New York to have the compensation which should justly be made to the owners of the real property proposed to be taken in the above entitled proceeding ascertained and determined by the Supreme Court without a jury in accordance with the resolution adopted by the Board of Estimate and Apportionment of the City of New York on the 11th day of October, 1917, was granted.

NOTICE IS HEREBY FURTHER GIVEN that a description of the real property to be acquired in the above entitled proceeding is as follows:

All that certain piece or parcel of land situated, lying and being in the Borough of Brooklyn, City and State of New York, with the buildings and improvements thereon erected, bounded and described as follows:

Beginning at a point on the easterly line of Warwick street, which point is distant 190 feet northerly from a point formed by the intersection of the northerly line of Belmont avenue with the easterly line of Warwick street; thence easterly and parallel, and nearly so, with the northerly line of Belmont avenue and along the northerly line of the lands of Public School 158, 180 feet to the westerly line of Ashford street; thence northerly and along the westerly line of Ashford street 60 feet; thence westerly and along a line parallel, or nearly so, with the northerly line of Belmont avenue 180 feet to the easterly line of Warwick street; thence southwesterly and along the easterly line of Warwick street 60 feet to the point or place of beginning, said premises being designated on the present Tax Maps of the Borough of Brooklyn as Lots Nos. 10, 11, 12 and 30, in Block 4015, Section 13.

— and each and every owner of said real property having any claim or demand on account thereof is hereby required to

of BATH AVENUE, from the line between the former towns of New Utrecht and Gravesend to Stillwell avenue, excepting the right-of-way of the Brooklyn, Bath and West End Railroad, in the 31st Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the Garfield Building, No. 26 Court street, in the Borough of

Brooklyn, in The City of New York, on the 31st day of December, 1917, at 10 o'clock in the forenoon of that day, or as soon thereafter as Council can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated, New York, December 17, 1917.

JOHN N. HARMAN, FRANCIS A. McCLOSKEY, JAMES CUNNINGHAM, Commissioners of Estimate; JOHN N. HARMAN, Commissioner of Assessment.

ANDREW C. TROY, Clerk. d17,28

Filing Preliminary Abstracts.

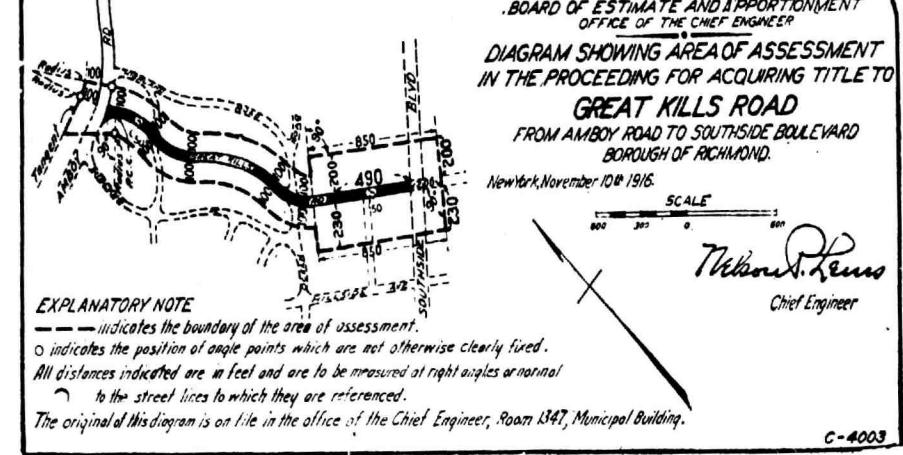
In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the real property required for the opening and extending of GREAT KILLS ROAD from Amboy road to Southside Boulevard, in the 4th Ward, Borough of Richmond, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above entitled proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Room 1557, 15th floor, Municipal Building, Chambers and Centre streets, Borough of Manhattan, in The City of New York, on or before the 16th day of January, 1918, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 18th day of

January, 1918, at 1:30 o'clock p.m.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Room 1557, 15th floor, Municipal Building, Chambers and Centre streets, in the Borough of Richmond, in The City of New York, which, taken together, are bounded as shown on the following diagram:



Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Room 1529, 15th floor, Municipal Building, Chambers and Centre streets, in the Borough of Manhattan, in said City, there to remain until the 17th day of January, 1918.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 5th day of March, 1918, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to the provisions of the Greater New York Charter as amended.

Dated, New York, December 19, 1917.

MONTAGUE LESSLER, Chairman; GEORGE S. PARSONS, FRED S. MULLEN, Commissioners of Estimate; MONTAGUE LESSLER, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. d24,411

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of THEODORE STREET, from Astoria (Flushing) avenue to the bulkhead line of the East River, in the 2nd Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERSONS interested in the above entitled proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First.—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 10th day of January, 1918, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 14th day of January, 1918, at 3 o'clock p.m.

Second.—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 10th day of January, 1918, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 15th day of January, 1918, at 3 o'clock p.m.

Third.—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 1st day of July, 1915, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point on the bulkhead line of the East River where it is intersected by a line midway between Steinway avenue and Theodore street, running thence southeastwardly along the said bulkhead line to the intersection with a line midway between Theodore street and 15th avenue; thence southwestwardly along the said line midway between Theodore street and 15th avenue to the intersection with the center line of Berrian avenue; thence northwestwardly along the center line of Berrian avenue to the intersection with the prolongation of a line midway between Theodore street and Purdy street; thence southwestwardly along the said line midway between Theodore street and Purdy street, and along the prolongations of the said line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Astoria avenue, the said distance being measured at right angles to Astoria avenue; thence westwardly along the said line parallel with Astoria avenue to the intersection with the prolongation of a line midway between Theodore

street and 11th avenue; thence northeastwardly along the said line midway between Theodore street and 11th avenue and along the prolongations of the said line to the intersection with the center line of Berrian avenue; thence northwestwardly along the center line of Berrian avenue to the intersection with a line midway between Steinway avenue and Theodore street; thence northeasterly along the said line midway between Steinway avenue and Theodore street, to the point of place of beginning.

Fourth.—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 14th day of January, 1918.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 5th day of March, 1918, at the opening of the Court on that day.

Sixth.—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to the provisions of the Greater New York Charter as amended.

Dated, New York, December 14, 1917.

HARRY H. HUBER, Chairman; JOHN K. GILLETTE, FRANK E. LOSEE, Commissioners of Estimate; HARRY I. HUBER, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. d20,418

In the Matter of the Application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of EIGHTEENTH AVENUE (although not yet named by proper authority), from Jackson avenue to the East River, in the First Ward, Borough of Queens, in The City of New York, as amended by an order of this Court bearing date the 11th day of October, 1911, and entered in the office of the Clerk of the County of Queens on the 13th day of October, 1911, so as to relate to said Eighteenth avenue, from Jackson avenue to Berrian avenue, in accordance with the resolution adopted by the Board of Estimate and Apportionment on the 15th day of June, 1911.

WE, THE UNDERSIGNED COMMISSIONERS

OF ESTIMATE AND ASSESSMENT IN THE ABOVE

ENTITLED MATTER, HEREBY GIVE NOTICE TO ALL PERSONS

INTERESTED IN THIS PROCEEDING, AND TO THE OWNER

OR OWNERS, OCCUPANT OR OCCUPANTS OF ALL HOUSES

AND LOTS, IMPROVED AND UNIMPROVED LANDS

AFFECTED THEREBY, AND TO ALL OTHERS WHOM IT

CONCERN, TO WIT:

First.—That we have completed our supple-

mental and amended estimate as to Damage No.

391 and assessments for benefit, and that all

persons interested in this proceeding, or in any

of the lands, tenements and hereditaments and

premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office in the Municipal Building, Court House Square, Long Island City, Borough of Queens, in The City of New York, on or before the 3d day of January, 1918, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 7th day of January, 1918, at 9:30 o'clock a.m.

Second.—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, Long Island City, there to remain until the 7th day of January, 1918.

Third.—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz:

BEGINNING at a point on the northerly side of Jackson avenue where the same is intersected by a line drawn parallel to 18th avenue and 100 feet west of the westerly line of 18th avenue; running thence northerly and at all times parallel with the westerly line of 18th avenue to the northerly line of Berrian avenue; thence running easterly along the northerly line of Berrian avenue to a point 100 feet easterly from the easterly line of 18th avenue, said distance being measured at right angles to 18th avenue; thence running southerly and at all times parallel with the easterly line of 18th avenue to the northerly line of Jackson avenue; thence running westerly along the northerly line of Jackson avenue to the point or place of beginning.

Fourth.—That, provided there be no objections filed to either of said abstracts, our supplemental and amended final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 26th day of February, 1918, at the opening of the Court on that day.

Dated, New York, December 10, 1917.

ROBT. B. LAWRENCE, Chairman; JOHN A. RAPELYEA, EMIL A. GUENTHER, Commissioners.

WALTER C. SHEPPARD, Clerk. d20,412

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of \$50, the sum of \$50 will be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be at the condition of the purchaser on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances, between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstances of vacating the structures of their tenants will permit.

All the material of buildings, sheds, walks, structures and cellars of whatever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations, and the sidewalks and curb in front of said buildings, extending within the described area, shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher than any point that two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All walls, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street and the openings of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture

of ownership of such buildings, appurtenances or portions as shall then be left standing, together with all money paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and to the City of New York will, without notice to the purchaser, cause the same to be removed and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the date of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furring, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beam holes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the Contractor.

No buildings, parts of buildings, fixtures or machinery sold for removal under these terms and conditions shall in any case be relocated or re-erected within the lines of any proposed street or other public improvement, and if any such buildings, parts of buildings, fixtures or machinery, etc., shall be relocated or re-erected within the lines of any proposed street or other public improvement, title thereto shall thereupon become vested in The City of New York and a sale at public or private sale may be made in the same manner as if no prior sale thereof had been made.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids, and be it further

Resolved, That while the said sale is held under the supervision of the Commissioners of the Sinkhole Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS ON WORK TO BE DONE FOR OR SUPPLIES TO BE FURNISHED TO THE CITY OF NEW YORK.

The person or persons making a bid for any service, work, materials or supplies for The City of New York, or for any of its departments, bureaus or officers, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or