

Metropolitan Water Reclamation District of Greater Chicago

*100 East Erie Street
Chicago, IL 60611*



Regular Board Meeting Consent Agenda - Draft

Thursday, September 15, 2016

10:30 AM

Board Room

Board of Commissioners

Commissioner Michael A. Alvarez, Chairman of Finance Frank Avila, Commissioner Timothy Bradford, Vice President Barbara J. McGowan, Commissioner Cynthia M. Santos, Commissioner Debra Shore, Commissioner Kari K. Steele, Commissioner David J. Walsh, President Mariyana T. Spyropoulos

THE FOLLOWING PROCEDURES WILL GOVERN THE MEETING PROCESS:

- 1. Board Members who vote "Nay, Present, or Abstain" or have a question on any item may request the item be removed from the Consent Agenda.**
- 2. Citizens in the audience who address the Board on any item may request the item be removed from the Consent Agenda.**
- 3. Items removed from the Consent Agenda are considered separately.**
- 4. One roll call vote is taken to cover all Consent Agenda Items.**

Metropolitan Water Reclamation District of Greater Chicago

STANDING COMMITTEES

Chairman

Vice Chairman

Affirmative Action	McGowan	Avila
Budget & Employment	Steele	Shore
Engineering	Avila	Shore
Ethics	Bradford	Spyropoulos
Federal Legislation	Alvarez	Bradford
Finance	Avila	Bradford
Industrial Waste & Water Pollution	Walsh	Avila
Information Technology	Steele	Walsh
Judiciary	Spyropoulos	Walsh
Labor & Industrial Relations	Santos	Alvarez
Maintenance & Operations	Avila	Bradford
Monitoring & Research	Walsh	Steele
Municipalities	Shore	Santos
Pension, Human Resources & Civil Service	Spyropoulos	McGowan
Public Health & Welfare	Avila	Shore
Public Information & Education	Shore	McGowan
Procurement	McGowan	Santos
Real Estate Development	Spyropoulos	Santos
State Legislation & Rules	Santos	Alvarez
Stormwater Management	Alvarez	Steele

2016 REGULAR BOARD MEETING SCHEDULE

January	7	21
February	4	18
March	3	17
April	7	21
May	5	19
June	2	16
July	7	
August	4	
September	1	15
October	6	20
November	3	17
December	6 (Annual Meeting)	
December	1	15

2016

January

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Call Meeting to Order**Roll Call****Approval of Previous Board Meeting Minutes****Public Comments****Recess and Convene as Committee of the Whole****Recess and Reconvene as Board of Commissioners****Finance Committee****Report**

- 1 [16-0975](#) Report on Cash Disbursements for the Month of August 2016, in the amount of \$38,192,875.12

Procurement Committee**Report**

- 2 [16-0959](#) Report of bid opening of Tuesday, August 30, 2016

Authorization

- 3 [16-0939](#) Authorization to accept minimum initial annual rental bid for Contract 16-362-11 Proposal to Lease for 10-years approximately nine (9) acres of District real estate located at 6400 Canal Bank Road in Forest View, Illinois; Main Channel Parcel 37.07 from Northfield Block Company in the amount of \$160,000.00
Attachments: [Aerial Map.Parcel 37.07 9.15.16.pdf](#)
- 4 [16-0942](#) Authorization for payment to Core Consulting Group, LLC. for tuition fees for four (4) participants to attend a Pilot Leadership Development Program for Emerging Leaders in the Wastewater Utility Industry, in an amount not to exceed \$20,000.00, Account 101-25000-601100
- 5 [16-0952](#) Authorization to enter into an agreement for Contract 16-RFP-18 Health Plan Administrator, with Blue Cross Blue Shield of Illinois, a division of Health Care Service Corporation, for a three-year period, effective January 1, 2017 to December 31, 2019, Account 101-25000-601250

- 6 [16-0969](#) Authorization to amend the agreement and expand the scope of work with the law firm of Thompson Coburn LLP to represent and counsel the District in connection with branding of the District's composted biosolids product and the review of a patented process for nutrient removal, Account 101-30000-612430, Purchase Order 3089335

Authority to Advertise

- 7 [16-0924](#) Authority to advertise Contract 16-480-11 Renew and Provide Maintenance and Support for all Existing MWRD Polycom Videoconference Equipment, estimated cost \$13,533.14, Account 101-27000-612840, Requisition 1432636
- 8 [16-0929](#) Authority to advertise Contract 16-366-11 for public tender of bids for a 39-year lease on portions of the ground floor and outdoor plaza consisting of approximately 10,751 sq. ft. of the 101-111 East Erie Street building in Chicago, Illinois. The minimum initial annual rental bid shall be established at \$45,000.00 (*Deferred from the September 1, 2016 Board Meeting*)
Attachments: [9.15.16 Survey Map of Proposed Purchase with Highlights \(updated #2\).pdf](#)
- 9 [16-0930](#) Authority to advertise Contract 17-678-11 Locksmith Services at Various Service Areas, estimated cost \$82,500.00, Account 101-69000-612680, Requisitions 1427320, 1427351, 1427352
- 10 [16-0938](#) Authority to advertise Contract 16-367-11 for public tender of bids the sale of an approximately 25'x 125' parcel of District real estate located at 3548 South Ashland Avenue in Chicago, Illinois. The minimum sale price bid shall be established at \$50,000.00
Attachments: [Aerial Map.3548 S. Ashland Avenue 9.15.16.pdf](#)
- 11 [16-0947](#) Authority to advertise Contract 16-608-21 Furnish and Deliver Concrete Erosion Control Block Mats to SEPA 4, estimated cost \$80,000.00, Account 201-50000-645600, Requisition 1430718
- 12 [16-0953](#) Authority to advertise Contract 10-883-CF, Cherry Creek East Branch Flood Control Project, estimated cost \$4,860,035.00, Accounts 401-50000-645620 and 501-50000-645620, Requisition 1434173 (*Deferred from the Board Meeting of September 1, 2016*)
Attachments: [Project Fact Sheet 10-883-CF Cherry Creek East Branch Flood Control Project](#)
- 13 [16-0955](#) Authority to advertise Contract 16-051-11 Furnish and Deliver Miscellaneous Hand Tools to Various Locations for a One (1) Year Period, estimated cost \$45,000.00, Account 101-20000-623680

Issue Purchase Order

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- 14 [16-0918](#) Issue purchase order and enter into an agreement for Contract 16-RFP-12, Professional Services for Biostatistician Support, with Sustainable Systems LLC in an amount not to exceed \$75,000.00, Account 101-16000-612430, Requisition 1419638
- 15 [16-0923](#) Issue purchase order to DLT Solutions, LLC to Furnish and Deliver New Licenses and Renewal of the Autodesk Subscription and Advanced Support Program for AutoCAD Software, in an amount not to exceed \$73,864.81, Account 101-27000-612820 Requisition 1425947
- 16 [16-0925](#) Issue purchase order to CDW Government, LLC to Furnish and Deliver Symantec Software License Renewal, in an amount not to exceed \$16,196.00, Account 101-27000-612820, Requisition 1428919
- 17 [16-0941](#) Issue purchase order to Mesirow Insurance Services, Inc., for furnishing Fiduciary Liability Insurance for the Deferred Compensation Plan and Trust, in an amount not to exceed \$8,946.00, and authorization for payment by direct voucher to Mesirow Insurance Services, Inc., for furnishing Fiduciary Liability Insurance for the Retiree Health Care Trust (OPEB), in an amount not to exceed \$6,254.00, Accounts 101-25000-612290 and P802-11000-798200 respectively, Requisition 1431710
- 18 [16-0951](#) Issue purchase order and enter into an agreement with Hach Company, for preventive maintenance, repair and consumable supplies for Lachat QC8500 Flow Injection Analyzers and Peripheral Accessories, in an amount not to exceed \$43,640.00, Accounts 101-16000-612970, 623570, Requisition 1432949
- 19 [16-0958](#) Issue a purchase order and enter into an agreement with DHI Water & Environment, Inc. for professional engineering services for Contract 16-835-3C Energy Neutrality Feasibility Study at the Egan and the Hanover Park Water Reclamation Plants, in an amount not to exceed \$353,841.97, Account 401-50000-612440, Requisition 1429750
- 20 [16-0972](#) Issue purchase order for Contract 16-107-11, Furnish and Deliver American Sigma Flowmeters, to Atlas and Associates, Inc., in an amount not to exceed \$42,500.00, Account 101-16000-623570, Requisition 1410209
- 21 [16-0973](#) Issue purchase order for Contract 16-641-11, Furnishing and Delivering Liquid Carbon Dioxide to the Stickney Water Reclamation Plant, to Air Liquide Industrial US, LP, in an amount not to exceed \$1,032,000.00, Account 101-69000-623560, Requisition 1426350

Award Contract

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- 28 [16-0920](#) Authority to decrease purchase order and amend agreement with Malcolm Pirnie, Inc. for professional engineering services for Contract 08-867-3P Digester Gas Utilization and Storage Facilities at the Stickney, Calumet, and Hanover Park Water Reclamation Plants in an amount of \$4,501,481.77, from an amount of \$8,256,435.00, to an amount not to exceed \$3,754,953.23, Account 401-50000-612450, Purchase Order 3061152
- 29 [16-0921](#) Authority to decrease purchase order and amend agreement with Donahue and Associates, Inc. for professional engineering design services for Contract 06-023-3P Stop Logs and Diversion Pumps at Wilmette Pump Station and Evanston Pump Station Rehabilitation in an amount of \$388,305.71, from an amount of \$1,199,449.00, to an amount not to exceed \$811,143.29, Account 401-50000-612470, Purchase Order 3069162
- 30 [16-0922](#) Authority to decrease purchase order and amend agreement with CH2M Hill Engineers, Inc. for professional engineering services for Contract 11-241-3P Disinfection Facilities, Calumet Water Reclamation Plant in an amount of \$205,636.07, from an amount of \$6,308,396.00, to an amount not to exceed \$6,102,759.93, Account 401-50000-612470, Purchase Order 3073427
- 31 [16-0926](#) Authority to increase purchase order to CDW Government, LLC to Furnish and Deliver Microsoft Software and Software Maintenance in an amount of \$31,896.50, from an amount of \$1,728,303.12, to an amount not to exceed \$1,760,199.62, Account 101-27000-623800, Purchase Order 3087702
- 32 [16-0927](#) Authority to increase purchase order and amend the agreement with RSM US LLP (formerly McGladrey LLP), for Contract 14-RFP-36 ,Professional Auditing Services, in an amount of \$244,450.00, from an amount of \$258,750.00, to an amount not to exceed \$503,200.00, Accounts 101-40000-601170 and P802-11000-798200, Purchase Order 3086839
- 33 [16-0931](#) Authority to decrease Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group A, to Ox Cart Trucking, Inc., in an amount of \$325,687.00 from an amount of \$4,413,075.30 to an amount not to exceed \$4,087,388.30, Account 101-66000-612520, Purchase Order 5001544
- 34 [16-0932](#) Authority to decrease Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group B, to Gosia Cartage, Ltd., in an amount of \$72,958.00 from an amount of \$2,594,716.38 to an amount not to exceed \$2,521,758.38, Account 101-66000-612520, Purchase Order 5001545
Attachments: [16-691-11 090116.pdf](#)
- 35 [16-0934](#) Authority to decrease Contract 14-690-11, Beneficial Reuse of Biosolids from LASMA, CALSMA and the Egan Water Reclamation Plant, to Stewart Spreading, Inc., in an amount of \$1,521,738.00, from an amount of \$14,743,840.00, to an amount not to exceed \$13,222,102.00, Account 101-66000-612520, Purchase Order 5001472
Attachments: [14-690-11 082316.pdf](#)

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- 36 [16-0935](#) Authority to decrease Contract 98-RFP-10 Design, Build, Own, Finance, Operate and Maintain a 150 Dry Tons Per Day Biosolids Processing Facility at the Stickney Water Reclamation Plant and Beneficially Use the Final Product for a Period of 20 years, to Metropolitan Biosolids Management, LLC, in an amount of \$2,654,497.50 from an amount of \$208,100,750.65 to an amount not to exceed \$205,446,253.15, Account 101-69000-612590, Purchase Order 5000950
Attachments: [98-RFP-10-Pelletizer Operations 082316.pdf](#)
- 37 [16-0936](#) Authority to decrease Contract 16-625-11, Diving Services at Various Locations, to Ballard Marine Construction, Inc., in an amount of \$21,960.00 from an amount of \$222,560.00 to an amount not to exceed \$200,600.00, Account 101-66000-612490, Purchase Order 5001555
- 38 [16-0937](#) Authority to decrease Contract 14-692-12, Utilization and Transportation of Air Dried Biosolids from LASMA and CALSMA, to Synagro Central, LLC, Option C, (Items 1 and 4), in an amount of \$552,200.00 from an amount of \$4,164,494.43 to an amount not to exceed \$3,612,294.43, Account 101-66000-612520, Purchase Orders 5001457 and 5001458
Attachments: [14-692-12 082316.pdf](#)
- 39 [16-0943](#) Authority to decrease purchase order and amend the agreement with Carlson Environmental, Inc., for professional environmental consulting services, including Phase II environmental site investigations of MWRDGC-owned land, in an amount of \$14,100.00 from an amount of \$600,000.00 to an amount not to exceed \$585,900.00, Account 101-66000-612430, Purchase Order 3088388
- 40 [16-0944](#) Authority to decrease purchase order and amend the agreement with Huff & Huff, Inc., for professional environmental consulting services including Phase II environmental site investigations of MWRDGC-owned land, in an amount of \$14,100.00 from an amount of \$600,000.00 to an amount not to exceed \$585,900.00, Account 101-66000-612430, Purchase Order 3087956
- 41 [16-0945](#) Authority to increase purchase order and exercise an option to extend agreement for a one-year period, for Contract 16-RFP-01 Perform Federal Legislative Consulting Services, with O'Connell & Dempsey, LLC, in an amount not to exceed \$360,000.00, from an amount of \$382,800.00, to an amount not to exceed \$742,800.00, Account 101-15000-612430, Purchase Order 3088453
- 42 [16-0946](#) Authority to increase purchase order and exercise an option to extend agreement for a one-year period, for Contract 15-RFP-02 State Legislative Liaison Consulting Services, with Kevin J. Fitzpatrick, in an amount not to exceed \$102,000.00, from an amount of \$204,000.00, to an amount not to exceed \$306,000.00, Account 101-15000-612430, Purchase Order 3084016
Attachments: [PO 3084016 Change Order Log.pdf](#)

- 43 [16-0948](#) Authority to increase purchase orders and exercise an option to extend agreements for a one-year period, for Contract 15-RFP-03 State Legislative Consulting Services, with Charles R. Vaughn, in an amount not to exceed \$21,000.00, Ado Leo Rugai, Attorney and Counselor at Law, in an amount not to exceed \$21,000.00, Paul L. Williams & Associates, in an amount not to exceed \$21,000.00, and Miguel A. Santiago Consulting, Inc., in an amount not to exceed \$21,000.00, from an amount of \$168,000.00, to an amount not to exceed \$252,000.00, Account 101-15000-612430, Purchase Orders 3084096, 3084097, 3084098, and 3084099

Attachments: [PO 3084096 Change Order Log.pdf](#)
 [PO 3084097 Change Order Log.pdf](#)
 [PO 3084098 Change Order Log.pdf](#)
 [PO 3084099 Change Order Log.pdf](#)

- 44 [16-0949](#) Authority to decrease Contract 14-425-12, Furnish and Deliver Offset and Miscellaneous Specialty Paper to Various District Locations for a Thirty-Six (36) Month Period, to Unisource Worldwide, Inc. in an amount of \$16,900.00, from an amount of \$250,855.98 to an amount not to exceed \$233,955.98. Account 101-15000-623520, Purchase Order 3082250

Attachments: [PO 3082250 Change Order Log.pdf](#)

- 45 [16-0950](#) Authority to decrease Contract 16-405-12 (Re-Bid), Provide Maintenance and Printing Supplies for Xerox Nuvera 288 and DocuColor 7002 at the MWRDGC Print Shop for a Thirty-Six (36) Month Period, to Xerox Corporation, in an amount of \$12,575.00, from an amount of \$251,900.00 to an amount not to exceed \$239,325.00, Account 101-15000-612800, Purchase Order 3088797

Attachments: [PO 3088797 Change Order Log.pdf](#)

Budget & Employment Committee

Authorization

- 46 [16-0966](#) Authority to transfer 2016 departmental appropriations in the amount of \$3,700,000.00 in the Capital Improvements Bond Fund

Attachments: [09.15.16 Board Transfer BF5.pdf](#)

Engineering Committee

Report

- 47 [16-0954](#) Report on change orders authorized and approved by the Director of Engineering during the months of July and August 2016
- Attachments: [Attachment 1 CO Report July and August 2016 \\$10,000.pdf](#)
 [Attachment 2 CO Report July and August 2016 5% Contingency.pdf](#)
 [Attachment 3 CO Status Report July and August 2016.pdf](#)

Industrial Waste & Water Pollution Committee

Authorization

- 48 [16-0978](#) Authority for the Board of Commissioners to review the request by DustCatchers, Inc., 8801 South Chicago Avenue, Chicago, IL 60617, for review of the 2015 User Charge Liability Determination made by the Director of the Monitoring and Research Department - Appeal No. 16B-001
- Attachments: [DustCatchersAttachment1.pdf](#)
 [Dustcatchers Inc U26606 UC45 6-6-16 Attachment2.pdf](#)
 [Dustcatchers Inc. U26606 UC46 UC Appeal Rescheduling Request 7-1-16 Atta](#)
 [DustCatchers, Inc. Appeal No. 16D-004 Revision of NUC 7-29-16 Attachment4.](#)

Judiciary Committee

Authorization

- 49 [16-0970](#) Authority to settle in the amount of \$9,850,000.00 the eminent domain lawsuit entitled *The Metropolitan Water Reclamation District v. International Bank of Chicago as Trustee under the Provisions of a Trust Agreement dated the 30th day of December, 2014 and known as Trust No. 2014-4, et. al.*, Case No. 16 L 050200 in the Circuit Court of Cook County to acquire fee simple title comprising of 21.22± acres for the Addison Creek Reservoir, Contract 11-186-3F located at 2795 W. Washington Boulevard in Bellwood, Illinois. Account No. 401-50000-656010
- Attachments: [Aerial Map.2795 W. Washington Blvd.pdf](#)

Maintenance & Operations Committee

Reports

- 50 [16-0968](#) Report on change orders authorized and approved by the Acting Director of Maintenance and Operations during the month of August 2016.
- Attachments: [R-98 Report August 2016.pdf](#)

Real Estate Development Committee

Authorization

- 51 [16-0940](#) Authority to enter into a 10-year lease agreement with the Village of Willow Springs on approximately 2.13 acres of District real estate located west of Willow Springs Road and south of the Main Channel in Willow Springs, Illinois and known as Main Channel Parcel 29.04 for use as a parking lot. Consideration shall be an initial annual rental fee of \$12,000.00

Attachments: [Aerial Map.Parcel 29.04 9.15.16.pdf](#)
- 52 [16-0962](#) Authority to purchase the real estate commonly known as 8618 Natchez Avenue in Burbank, IL for the construction of the Melvina Ditch Reservoir Improvements and authority for payment to Joan L. Schlosser, the owner of said real estate for the purchase price, in an amount of \$264,000.00, plus closing costs, and relocation costs in an amount not to exceed \$50,900.00, plus closing costs, Account 401-50000-656010, Capital Improvements Bond Fund

Attachments: [Aerial Map.8618 Natchez Ave.pdf](#)
- 53 [16-0963](#) Authority to purchase the real estate commonly known as 8559 Nashville Avenue in Burbank, IL for the construction of the Melvina Ditch Reservoir Improvements and authority for payment to Dwayne A. Cerny and Denise M. Cerny, the owners of said real estate for the purchase price, in an amount of \$231,000.00, plus closing costs, and relocation costs in an amount not to exceed \$46,760.00 plus closing costs, Account 401-50000-656010, Capital Improvements Bond Fund

Attachments: [Aerial Map.8559 Nashville.pdf](#)
- 54 [16-0967](#) Authority to amend Board Order of January 8, 2015, authorizing and approving the entry into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path, to reflect that the lease will be between the District and Chicago Department of Transportation

Attachments: [1.8.15 Board Order.pdf](#)

Miscellaneous and New Business**Motion**

- 55 [16-0964](#) MOTION to reappoint Commissioner Mariyana T. Spyropoulos to a five-year term as a Commissioner on the Public Building Commission of Chicago

Resolution

- 56 [16-0976](#) RESOLUTION sponsored by the Board of Commissioners recognizing the Moravian Day festival
- 57 [16-0980](#) RESOLUTION sponsored by the Board of Commissioners recognizing the “Imagine a Day Without Water” campaign

Ordinance - User charge

- 58 [UC16-002](#) Request Authority to Amend the User Charge Ordinance of the Metropolitan Water Reclamation District of Greater Chicago
- Attachments:** [UC ordinance \(final\)](#)
 [UC ordinance](#)
 [UC ord BTL.pdf](#)

Adjournment



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0975, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON FINANCE

Mr. David St. Pierre, Executive Director

Report on Cash Disbursements for the Month of August 2016, in the amount of \$38,192,875.12

Dear Sir:

Submitted herewith are the Cash Disbursements for the Month of August 2016.

Corporate Fund	\$14,556,832.27
Capital Improvements Bond Fund	19,622,226.35
All Other Funds	<u>4,013,816.50</u>
Total Disbursements	<u>\$38,192,875.12</u>

The Chairman of the Committee on Finance submits the following Cash Disbursements Report for acceptance by the Board of Commissioners. JP Morgan Chase check series 396420 through 397543 as well as electronic vendor payments, both as referenced on Cash Disbursements Report pages 1-42 are included in the attached report.

Pursuant to 70 ILCS 2605 11.23, the Comptroller shall conduct audits of all expenditures incident to all purchase orders and contracts awarded by the Director of Procurement and Materials Management. The Comptroller shall report the results of such audits to the President of the Board of Commissioners. As a result, it is requested that the Board of Commissioners accept the Cash Disbursements Report and direct the Clerk to publish and file the report.

Respectfully Submitted, Matthew Glavas, Comptroller

Attachment



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0959, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Report of bid opening of Tuesday, August 30, 2016

Dear Sir:

Bids were received and opened on 8/30/2016 for the following contracts:

CONTRACT 15-122-3P AERATION TANKS AIR VALVES AUTOMATION IN BATTERIES A, B, C AND D,
STICKNEY WATER RECLAMATION PLANT

LOCATION: STICKNEY, IL

ESTIMATE: \$8,000,000.00

GROUP: TOTAL

INDEPENDENT MECHANICAL INDUSTRIES, INC.	\$6,566,307.00	
IHC CONSTRUCTION & F.H. PASCHEN, S.N. NIELSEN JV		\$6,644,000.00
PATH CONSTRUCTION COMPANY, INC.	\$7,226,000.00	
MORRISON CONSTRUCTION COMPANY, INC.	\$7,296,307.00	
WALSH CONSTRUCTION COMPANY II, LLC	\$7,504,307.00	
BROADWAY ELECTRIC, INC.	\$7,504,307.00	
MILHOUSE CONSTRUCTION, INC.	\$7,882,307.00	
MECCON INDUSTRIES, INC.	\$7,989,000.00	
THIENEMAN CONSTRUCTION, INC.	\$7,990,000.00	
KIEWIT INFRASTRUCTURE CO.	\$8,999,025.00	

BIDDERS NOTIFIED: 1259

PLANHOLDERS: 59

CONTRACT 16-673-13 HEAVY EQUIPMENT REPAIRS AT VARIOUS LOCATIONS (RE-BID)

LOCATION: VARIOUS

ESTIMATE: \$632,440.00

GROUP: A CALUMET SERVICE AREA

STEVENSON CRANE SERVICE, INC.	\$109,640.00
HOWELL TRACTOR & EQUIPMENT LLC	\$119,770.00
MCCANN INDUSTRIES, INC.	\$142,400.00

GROUP: B STICKNEY, LASMA, CALSMA

STEVENSON CRANE SERVICE, INC.	\$550,960.00
HOWELL TRACTOR & EQUIPMENT LLC	\$754,655.00

BIDDERS NOTIFIED: 266

PLANHOLDERS: 10

CONTRACT 16-904-11 FURNISH AND DELIVER PLASTIC PIPE AND FITTING TO THE STICKNEY WATER
RECLAMATION PLANT

File #: 16-0959, **Version:** 1

LOCATION: STICKNEY, IL
ESTIMATE: \$77,400.00
GROUP: TOTAL

COLUMBIA PIPE & SUPPLY COMPANY	\$61,062.00
BUSHNELL, INCORPORATED	\$61,662.85
HARRINGTON INDUSTRIAL PLASTICS LLC	\$71,839.33

BIDDERS NOTIFIED: 335

PLANHOLDERS: 23

Respectfully Submitted, Darlene A. LoCascio, Director of Procurement and Materials Management



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0939, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authorization to accept minimum initial annual rental bid for Contract 16-362-11 Proposal to Lease for 10-years approximately nine (9) acres of District real estate located at 6400 Canal Bank Road in Forest View, Illinois; Main Channel Parcel 37.07 from Northfield Block Company in the amount of \$160,000.00

Dear Sir:

At its meeting of February 18, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise Contract 16-362-11 Proposal to Lease for 10-years approximately nine (9) acres of District real estate located at 6400 Canal Bank Road in Forest View, Illinois and known as Main Channel Parcel 37.07. The minimum acceptable initial annual rental bid was established at \$160,000.00.

One bid was received for the subject proposal and was opened on March 29, 2016. The bid was received from Northfield Block Company ("Northfield") for a minimum initial annual rental bid of \$160,000.00 (10% of the appraised fair market value). Northfield proposes to continue to use the site as a manufacturing site for concrete masonry units.

The Finance Department has reviewed Northfield's financial and company background information and has reported that it demonstrates the ability to meet its financial obligations under the new proposed lease.

It is requested that the Executive Director recommend to the Board of Commissioners that it accept the minimum initial annual rental bid for Contract 16-362-11 Proposal to Lease for 10-years approximately nine (9) acres of District real estate located at 6400 Canal Bank Road in Forest View, Illinois; Main Channel Parcel 37.07 from Northfield Block Company, in the amount of \$160,000.00.

It is also requested that the Executive Director recommend to the Board of Commissioners that it authorize and direct the chairman of the Committee on Finance and the Clerk to execute the lease agreement after it has been approved by the General Counsel as to form and legality.

Requested, Ronald M. Hill, General Counsel, RMH:STM:CMM:vp

Recommended, Darlene LoCascio, Director of Procurement and Materials Management

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment





Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0942, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authorization for payment to Core Consulting Group, LLC. for tuition fees for four (4) participants to attend a Pilot Leadership Development Program for Emerging Leaders in the Wastewater Utility Industry, in an amount not to exceed \$20,000.00, Account 101-25000-601100

Dear Sir:

Authorization for payment to Core Consulting Group, LLC. for tuition fees for four (4) participants to attend a Pilot Leadership Development Program for Emerging Leaders in the Wastewater Utility Industry, in an amount not to exceed \$20,000.00. The four individuals will be nominated by their respective Department Heads and approved by the Executive Director.

Core Consulting Group, LLC. has partnered with the National Association of Clean Water Agencies (NACWA) to pilot a leadership development program targeted specifically at emerging leaders in the wastewater utility industry. The purpose of the partnership is to develop "utility leaders of the future" who are equipped to effectively lead this industry and the communities they serve well into the future. NACWA will be monitoring the results and success of the pilot to consider a broader offering to other member regions.

The pilot will consist of a six-month hybrid learning and development program beginning in February, 2017 through July, 2017 and will include participants from six (6) wastewater utilities in EPA Region 5. The Region includes the states of Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin. It will include four (4) full-day in-person workshops and four (4) webinars along with a clean water innovation capstone project. Each workshop will be rotated and conducted at participating utilities in the pilot. A deposit fee of \$10,000.00 is required for four (4) participants and will be applied towards the total cost of the program. The total tuition, including the deposit for four (4) participants to attend this program is \$20,000.00.

Core Consulting Group, LLC. is not registered to transact business in Illinois, but has submitted a certificate of good standing from the State of Ohio. The Director of Human Resources has given approval to move forward with the recommendation to award.

In view of the foregoing, it is recommended that the Board of Commissioners authorize payment by direct voucher to Core Consulting Group, LLC., in an amount not to exceed \$10,000.00 for the deposit fee and without competitive bidding in accordance with Section 11.4 of the Purchasing Act. Funds are available in Account 101-25000-601100 for the deposit. Funds will be available in Account 101-25000-601100 in the amount of \$10,000.00 for the balance of the tuition in 2017 and are contingent on the Board of Commissioners' approval of the District's budget for 2017.

Requested, Beverly K. Sanders, Acting Director of Human Resources, BKS:RJB:SB

File #: 16-0942, **Version:** 1

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0952, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authorization to enter into an agreement for Contract 16-RFP-18 Health Plan Administrator, with Blue Cross Blue Shield of Illinois, a division of Health Care Service Corporation, for a three-year period, effective January 1, 2017 to December 31, 2019, Account 101-25000-601250

Dear Sir:

Authorization is requested to enter into an agreement with Blue Cross Blue Shield of Illinois (Blue Cross), a division of Health Care Service Corporation, to provide Preferred Provider Option (PPO), Health Maintenance Organization (HMO) and prescription drug plan administrative services for employees and retirees for a three-year period. This contract will cover all active employees and non-Medicare retirees.

The District advertised Request for Proposal 16-RFP-18 Health Plan Administrator on May 4, 2016. The Request for Proposal contained two program options: a combined PPO/HMO program with prescription drug coverage for active employees and retirees; and a group MAPD Plan for Medicare-eligible retirees. Vendors were invited to submit a proposal for either of these plan options or both options. Sixty-six (66) firms were notified and sixteen (16) firms requested proposal documents. The District received one (1) responsive proposal on June 3, 2016 from Blue Cross, for the combined PPO/HMO program with prescription drug coverage option.

The one proposal received for the combined PPO/HMO program option was evaluated by consultants from Deloitte Consulting and staff of the Human Resources and Procurement and Materials Management Departments. The criteria for these evaluations were outlined in Request for Proposal 16-RFP-18 and included: organizational stability; experience with similar PPO/HMO/prescription drug plans; ability to match the current District plan design; network access, size and quality; claims administration performance; member service performance; administrative performance; and financial considerations. Following the preliminary evaluation of the proposal, excluding cost, Blue Cross was invited to a finalist interview on July 27, 2016. A solicitation was sent to Blue Cross on August 2, 2016 for an unqualified "best and final" offer. The "best and final" offer was returned to the Director of Procurement and Materials Management on August 9, 2016.

Based on the evaluation of the proposal using the criteria described above and the pricing provided in the "best and final" offer, it is recommended that a contract be awarded to Blue Cross. Blue Cross is the current provider administering the District's Preferred Provider Option (PPO) and Health Maintenance Organization (HMO) plans. They have the largest PPO and HMO networks in the marketplace with 100% of PPO participants and 99.7% of HMO participants having access to an in-network provider within 5 miles of their home. They continue to offer very competitive network discounts compared to other national medical carriers operating in the Chicago market. They are offering performance guarantees in the contract to ensure the guaranteed medical discounts are met.

The health plan proposed by Blue Cross would continue to include the administration of on-site health fairs for

File #: 16-0952, **Version:** 1

employees as in the prior contract. These health fairs would include a free biometric screening for employees and immediate health coaching to understand the results. The proposal includes additional financial allowances for employee wellness activities.

Blue Cross would also provide prescription drug coverage for active employees and non-Medicare retirees under this health plan administrator contract. This coverage is currently carved-out of the medical plan and administered by Envision Rx. The new contract would bring the prescription drug coverage back under a single health contract which would incorporate both the medical and pharmacy benefits. Prescription drug coverage would be provided by Prime Therapeutics, LLC (Prime). Prime is a national pharmacy benefits manager owned by 14 Blue Cross Blue Shield plans. Prime provided prescription drug coverage to the District plans as part of the medical benefits through Blue Cross as recently as 2013. The proposal includes a broad pharmacy network of more than 66,000 pharmacies including all the major pharmacy chains. Prime operates its own mail order pharmacy, PrimeMail, which would manage all prescriptions submitted through the mail order program. The proposed prescription drug plan would continue to include step therapy and prior authorization programs. The District would maintain its plan design and co-payment structure under the new contract.

The Diversity Section has reviewed the agreement and has concluded that Blue Cross is in compliance with the District's Affirmative Action Policy.

In view of the foregoing, it is requested that the Director of Procurement and Materials Management be authorized to enter into an agreement with Blue Cross to administer the self-insured Preferred Provider Option (PPO), fully-insured Health Maintenance Organization (HMO), and prescription drug coverage for a three-year period from January 1, 2017 through December 31, 2019.

Funds for 2017, 2018 and 2019 are contingent on the Board of Commissioners' approval of the District's budget for those years.

Recommended, Beverly K. Sanders, Acting Director of Human Resources
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0969, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authorization to amend the agreement and expand the scope of work with the law firm of Thompson Coburn LLP to represent and counsel the District in connection with branding of the District's composted biosolids product and the review of a patented process for nutrient removal, Account 101-30000-612430, Purchase Order 3089335

Dear Sir:

On March 17, 2016, the Board of Commissioners granted authority to enter into an agreement between the Metropolitan Water Reclamation District of Greater Chicago (District) and the law firm of Thompson Coburn LLP to represent and counsel the District in connection with branding of the District's composted biosolids product and the review of a patented process for nutrient removal.

Authorization is requested to amend the legal services agreement between the District and the law firm of Thompson Coburn LLP, for the purpose of expanding the scope of legal services set forth in the agreement. The current agreement covers two projects. The first project relates to the branding of the District's composted Biosolids. That project remains ongoing. The second project related to testing a patented and proprietary algae-based process for nutrient removal at the Hanover Park Plant. It was necessary to retain patent counsel to address intellectual property issues in the collaboration and development agreement that would be needed to install and use the patented process. While negotiations were underway, the District determined that there are other technologies that should also be studied and evaluated to determine whether they meet the District's need for nutrient removal at its plants. The nutrient removal technology evaluation study will require the use of patent counsel to review overarching, as well as technology specific, intellectual property issues.

Additionally, while investigating various nutrient removal technologies, the District determined that it would be in its best interest to move forward with a pilot project at the O'Brien Water Reclamation Plant using an algae-based nutrient removal technology being developed collaboratively by the Illinois Sustainable Technology Center and the District. A Research Project Specification Agreement will be entered into under the auspices of a Master Agreement with the University of Illinois, the parent organization of the Illinois Sustainable Technology Center. That Master Agreement has been in existence since 2002 and does not address intellectual property. This research project entails the development of a new process. Therefore, the Research Project Specification Agreement needs to address intellectual property rights and obligations, including analyzing existing patents for related treatment technologies to avoid unintentional infringements on existing intellectual property.

The law firm of Thompson Coburn LLP has the requisite expertise to handle this expanded scope of work and will continue to provide legal services at its current blended rate of \$295.00 per hour for partner, counsel, and associate level services. It is anticipated that this work can be completed with the remaining funds of this PO.

This amendment is in compliance with the Illinois Criminal Code, since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

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Therefore, it is requested that the Board of Commissioners authorize the amendment of the legal services agreement between the District and the law firm of Thompson Coburn LLP to expand the scope of work to include legal work addressing intellectual property issues and related concerns in contracting with entities to implement nutrient removal at the District's water reclamation plants.

Requested, Ronald M. Hill, General Counsel, RMH:LLD:MTC:kk:bh
Recommended, Darlene LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0924, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 16-480-11 Renew and Provide Maintenance and Support for all Existing MWRD Polycom Videoconference Equipment, estimated cost \$13,533.14, Account 101-27000-612840, Requisition 1432636

Dear Sir:

Contract documents and specifications have been prepared to renew and provide maintenance support for all existing MWRD Polycom videoconference equipment. This contract will end on April 30, 2018.

The purpose of this contract is to renew Polycom Premier Maintenance and support for all the existing District Polycom-based videoconference equipment from December 31, 2016 to April 30, 2018. This will enable the Information Technology Department to effectively manage the District's videoconference infrastructure.

The estimated cost for this contract is \$13,533.14.

A bid deposit is not required for this contract.

The Multi-Project Labor Agreement (MPLA) is not applicable to this contract because the classification of work does not fall within the provisions of the MPLA.

The Affirmative Action Ordinance, Revised Appendix D is not included in this contract because the estimate is less than the minimum threshold established by Section 4 of the Affirmative Action Ordinance.

The tentative schedule for this contract is as follows:

Advertise	October 5, 2016
Bid Opening	October 18, 2016
Award	November 3, 2016
Completion	April 30, 2018

Funds are available in Account 101-27000-612840.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 16-480-11.

Requested, John Sudduth, Director of Information Technology, JS:SK:MN

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0929, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

David St. Pierre, Executive Director

Authority to advertise Contract 16-366-11 for public tender of bids for a 39-year lease on portions of the ground floor and outdoor plaza consisting of approximately 10,751 sq. ft. of the 101-111 East Erie Street building in Chicago, Illinois. The minimum initial annual rental bid shall be established at \$45,000.00 (*Deferred from the September 1, 2016 Board Meeting*)

Dear Sir:

On April 7, 2016, the Board of Commissioners authorized the commencement of statutory procedures to lease portions of the ground floor and outdoor plaza consisting of approximately 10,751 sq. ft. of the 101-111 East Erie Street building in Chicago, Illinois. The building is 20 stories high and approximately 230,704 square feet in area. The portions requested for leasing consist of the 101 East Erie ground floor lobby ("101 lobby"), a ground floor storage room on the 111 East Erie side of the building ("111 storage room"), and the outdoor plaza to the extent it surrounds the 101 lobby ("101 plaza").

The District owns the entire ground floor section of the property, including these portions, subject to certain easement rights held by the lead applicant requesting the lease, GIC 101 Erie LLC ("GIC"). GIC is a developer presently constructing a hotel on the 111 East Erie side of the building. As for the 101 lobby and 111 storage room, GIC's easement rights provide for exclusive use of them, subject only to the District's rights of access in cases of emergency or to make necessary building repairs. As for the 101 plaza, GIC's easement rights are non-exclusive, meaning it shares the right to use the plaza with the District.

Due to the existence of these easement rights, the fair market value of the proposed leasehold is considerably reduced. Nevertheless, the leasehold still retains value, due to the fact that not all of the easements belonging to GIC that the leasehold would be subject to are exclusive.

The proposed lease will provide for easement rights in favor of the District allowing the District to continue using the 101 lobby and 111 storage room in the same limited manner that it does today. Concerning the 101 plaza, however, the proposed lease will give the highest responsible bidder exclusive rights of use, which means District personnel will have to use the public sidewalk instead of crossing the 101 plaza.

Pursuant to statute, GIC submitted two appraisals and the Law Department obtained another as follows:

<u>Appraiser</u>	<u>Value</u>
Cohn Reznick	
Patricia L. McGarr, MAI (District's Appraiser)	\$400,000.00
CBRE - Valuation and Advisory Services	
Randal D. Dawson, MAI	\$0

File #: 16-0929, **Version:** 1

Applied Real Estate Analysis, Inc.

A. Andy Prodanovic, MAI \$450,000.00

It is recommended that the subject real estate's fair market value be based upon the highest of the three appraisals and established at \$450,000.00, and that the minimum initial annual rental bid be established at 10% of the property's fair market value or \$45,000.00.

It is further recommended that the Executive Director recommend to the Board of Commissioners that it authorize and approve the issuance of the following orders:

1. The real estate consisting of approximately 10,751 sq. ft. of portions of the ground floor and outdoor plaza area of the 101-111 East Erie Street building, as depicted in the exhibit attached hereto, be declared surplus and not needed for the District's corporate purposes and available for lease as set forth herein.
2. The fair market value of this property be established at \$450,000.00, and that the minimum initial annual rental be established at 10% thereof or \$45,000.00.
3. The Director of Procurement and Materials Management be authorized to advertise said property as available for lease for a term of 39-years at the minimum initial annual rental bid of \$45,000.00, and report the results of the bidding to the Board of Commissioners for further action.

It is requested that the Executive Director recommend to the Board of Commissioners that it authorize the Director of Procurement and Materials Management to advertise Contract 16-366-11 for public tender of bids for a 39-year lease of portions of the ground floor and outdoor plaza consisting of approximately 10,751 sq. ft. of the 101-111 East Erie Street building in Chicago, Illinois. The minimum initial annual rental bid shall be established at \$45,000.00.

Requested, Ronald M. Hill, General Counsel, RMH:SM:CMM:vp

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

NATIONAL SURVEY SERVICE, INC.

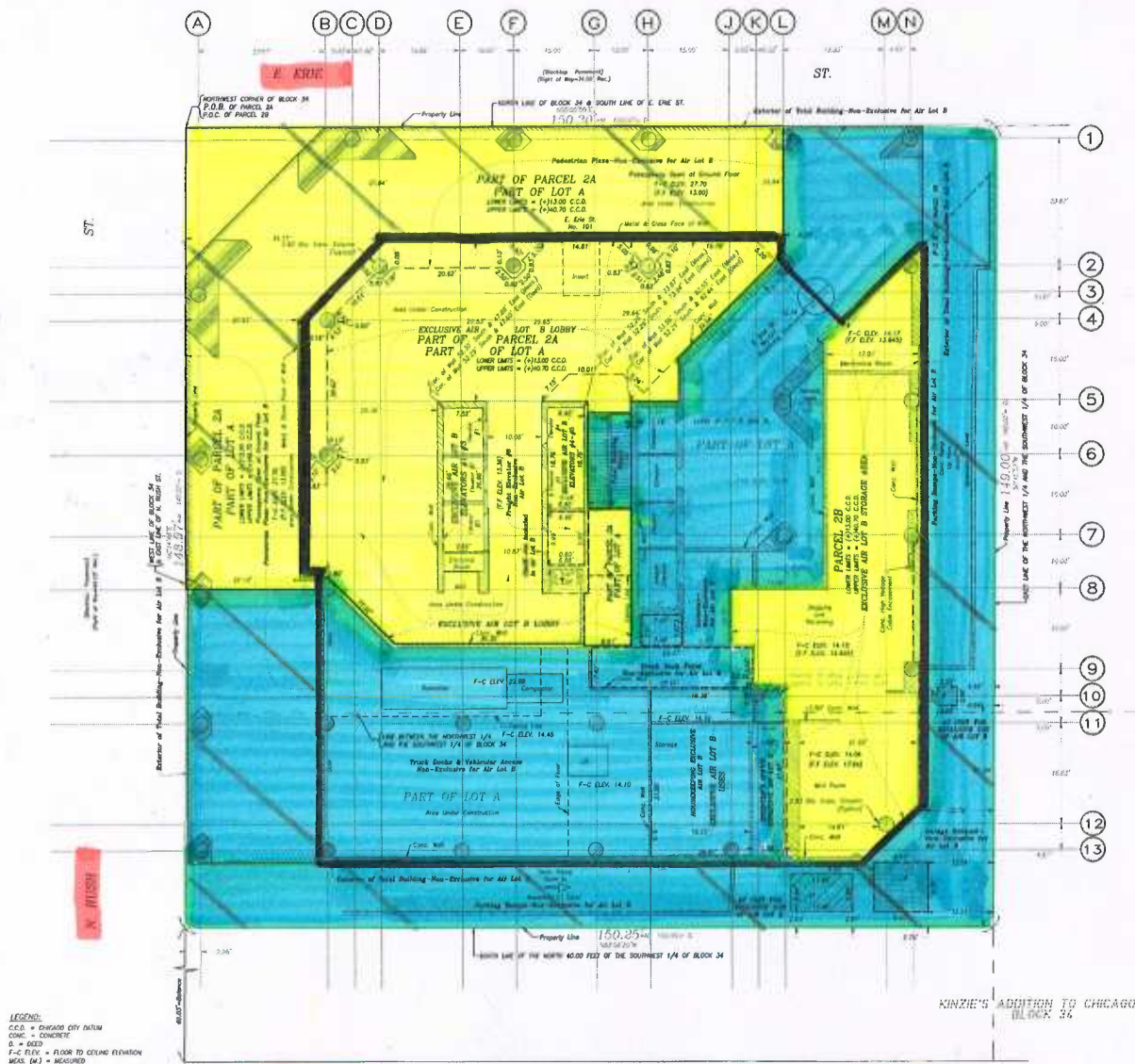
Plat of Survey

KNOWN AS: 101 E. ERIE STREET, CHICAGO, ILLINOIS
 SURVEY FOR: PERKINS COIE LLP

SURVEY NO. N-120179 SURVEY
 N-120489 3D SURVEY
 N-120816 SURVEY
 N-120852 SURVEY

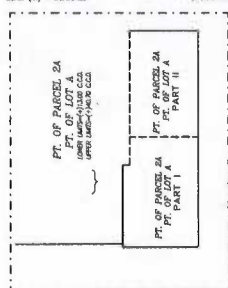
DATE: JULY 15, 2013
 OCT. 14, 2014
 FEB. 23, 2016
 MAY 1, 2018

Proposed Leasehold
 Retained by MWRD
 Outdoor Plaza



LEGEND:

C.C.D. = CHICAGO CITY DATUM
 CONC. = CONCRETE
 D. = DED
 F.C. ELEV. = FLOOR TO CEILING ELEVATION
 MEAS. (M) = MEASURED



PARCEL 2A DETAIL

Scale 1"=10'

IMPORTANT

ALL DIMENSIONS SHOWN ON THIS PLAT ARE TO BE ASSIGNED BY SCALE MEASUREMENTS UPON THE SURVEY. DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF, THUS, 4.87' MEANS 4 FEET AND 86/100 FEET, OR 4 FEET AND 8 1/2 INCHES, THUS, 4'-4 1/2" MEANS 4 FEET AND 4 1/2 INCHES.

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PARCEL 2A SCHEDULE			
PARCEL NO.	LOWER LIMITS	UPPER LIMITS	AREA SQ. FT.
PT. OF PARCEL 2A	13.00	40.70	8,553.9
PART I	13.00	27.49	111.0
PART II	13.00	29.52	89.0
TOTAL			8,553.9

PARCEL 2B SCHEDULE			
PARCEL NO.	LOWER LIMITS	UPPER LIMITS	AREA SQ. FT.
PARCEL 2B	13.00	40.70	2,187.2

ELEVATIONS ARE IN REFERENCE TO THE CITY OF CHICAGO DATUM (C.C.D.)
 SUB-BENCHMARK # 43551
 LOCATED AT THE INTERSECTION OF N. FAIRBANK CT. & E. ERIE ST.
 MARK OUT "4" ON BOTTOM STEP AT EAST SIDE OF ENTRANCE ON NORTH SIDE
 OF 7 STORY BRICK BLDG. MARK IS 35.45 FT. WEST OF THE NORTHEAST
 CORNER OF BLDG. AT SOUTHWEST CORNER OF N. FAIRBANK CT. AND E. ERIE ST.
 ELEV.=13.890 C.C.D. (CHICAGO CITY DATUM)

GRAPHIC SCALE



EASEMENT SCHEDULE (Appurtenant to Parcel 1)			
PARCEL NO.	DESCRIPTION	REMARKS	EXCLUSIVE PORTION
2	A.C. LIMITS	AIR LOT B	YES
3	STORAGE AREAS	AIR LOT B	YES
4	ELEVATORS (#1-5)	AIR LOT B	YES
5	LOBBY	AIR LOT B	YES
6	HOUSEKEEPING & ENGINEERS OFFICE	AIR LOT B	YES
7	RECEPTION & SHOW	AIR LOT B	YES
8	FRIGHT ELEVATOR	AIR LOT B	YES
9	TOTAL BUILDING STAIRS	AIR LOT B	YES
10	EXTERIOR TOTAL BLDG	AIR LOT B	NO
11	TRUCK DOCKS & VEHICULAR ACCESS	AIR LOT B	NO
12	PRECISION PLAZA	AIR LOT B	NO
13	ORANGE ENCLAVE	AIR LOT B	NO
14	PARKING SHOPS	AIR LOT B	NO
15	LAUNDRY	AIR LOT B	NO
16	EMERGENCY	AIR LOT B	NO

Ground Floor
 Floor Elevation = Measured (+) 13.58' C.C.D.
 Deed (+) 13.67' C.C.D.
 Page 2 of 2

N-120852 SURVEY MAY 1, 2018
 N-120816 SURVEY FEB. 23, 2016
 N-120489 3D SURVEY OCT. 14, 2014
 SURVEY NO. N-120179 SURVEY DATE: JULY 15, 2013

State of Illinois,
 County of Cook,
 We, the undersigned, do hereby certify that we have surveyed the above
 described property in accordance with official records and that the above
 plat is a true and correct representation of said survey. Boundaries are corrected to
 a temperature of 69° Fahrenheit. This professional service conforms to
 the current Illinois minimum standards for a boundary survey.

NATIONAL SURVEY SERVICE, INC.
 PROFESSIONAL LAND SURVEYORS
 30 S. MICHIGAN AVENUE, SUITE 200
 CHICAGO, ILLINOIS 60603
 WWW.NATIONALSURVEYSERVICE.COM
 TEL: 312-630-9480 FAX: 312-630-9484

BY: [Signature] [Stamp]



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0930, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 17-678-11 Locksmith Services at Various Service Areas, estimated cost \$82,500.00, Account 101-69000-612680, Requisitions 1427320, 1427351, 1427352

Dear Sir:

Contract documents and specifications have been prepared for Contract 17-678-11 Locksmith Services at Various Service Areas, at the request of the Maintenance and Operations Department.

The purpose of this contract is to procure locksmith services for the Stickney, Calumet, North Side service areas and other District facilities over a three year period.

The estimated cost for this contract is \$82,500.00. The estimated 2017, 2018, and 2019 expenditures are \$35,500.00, \$23,500.00 and \$23,500.00 respectively.

The total bid deposit for this contract is \$4,100.00.

The Multi-Project Labor Agreement (MPLA) was not included in this contract because the classification of work does not fall within the provisions of the MPLA.

The Affirmative Action Ordinance, Revised Appendix D, will not be included in this contract because of the specialized nature of the services required and because the estimate is less than the minimum threshold established by Section 4 of the Affirmative Action Ordinance.

The tentative schedule for this contract is as follows:

Advertise	September 21, 2016
Bid Opening	October 11, 2016
Award	November 3, 2016
Completion	December 31, 2019

Funds are being requested in 2017 in Account 101-69000-612680. Funds for subsequent years, 2018 and 2019, are contingent on the Board of Commissioners' approval of the District's budget for those years.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 17-678-11.

Requested, John P. Murray, Director of Maintenance and Operations, BAP:SO'C:MAG:JR:cjc
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board

File #: 16-0930, **Version:** 1

of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0938, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 16-367-11 for public tender of bids the sale of an approximately 25'x 125' parcel of District real estate located at 3548 South Ashland Avenue in Chicago, Illinois. The minimum sale price bid shall be established at \$50,000.00

Dear Sir:

On May 19, 2016, the Board of Commissioners authorized the commencement of statutory procedures to sell a 25' x125' parcel of real estate located at 3548 South Ashland Avenue in Chicago, Illinois. Wm. Wrigley Jr. Company ("Wrigley") has requested to purchase this site. The District acquired the site in 1908 for an electrical substation. District records indicate that the substation was never built and the site was never used by the District. Pursuant to District policy this sale is permissible as it is isolated and not contiguous to a waterway.

Pursuant to statute, the lead applicant, Wrigley, submitted two appraisals and the Law Department obtained a third appraisal as follows:

<u>Appraiser</u>	<u>Value</u>
Appraisal Associates William J. Enright, MAI (District's appraiser)	\$50,000.00
Colliers International Suhas Patel, MAI	\$50,000.00
Aronson & Associates Brian F. Aronson, MAI	\$41,000.00

It is recommended that the subject real estate's fair market value be based upon the highest of the three appraisals and established at \$50,000.00 and that the minimum sale price bid be established at the property's fair market value of \$50,000.00.

It is further recommended that the Executive Director recommend to the Board of Commissioners that it authorize and approve the issuance of the following orders:

1 The real estate consisting of an approximately 25' x125' parcel of District real estate located at 3548 South Ashland Avenue in Chicago, Illinois depicted in the exhibit attached hereto be declared surplus and not needed for the District's corporate purposes and available for sale as set forth herein.

File #: 16-0938, **Version:** 1

2. The fair market value of the approximately 25' x 125' parcel of real estate be established at \$50,000.00.

3. The Director of Procurement and Materials Management be authorized to advertise said approximately 25' x 125' parcel of real estate as available for purchase at the minimum sale price bid of \$50,000.00 and report the results of the bidding to the Board of Commissioners for further action.

It is requested that the Executive Director recommend to the Board of Commissioners that it authorize the Director of Procurement and Materials Management to advertise Contract 16-367-11 for public tender of bids the sale of approximately 25' x 125' parcel of District real estate located at 3548 South Ashland Avenue in Chicago, Illinois. The minimum sale price bid shall be established at \$50,000.00.

Requested, Ronald M. Hill, General Counsel, RMH:SM:vp

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management and David St. Pierre, Executive Director

Respectfully submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

EXHIBITS





Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0947, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 16-608-21 Furnish and Deliver Concrete Erosion Control Block Mats to SEPA 4, estimated cost \$80,000.00, Account 201-50000-645600, Requisition 1430718

Dear Sir:

Contract documents and specifications have been prepared to furnish and deliver concrete erosion control block mats to SEPA 4, at the request of the Maintenance and Operations Department.

The purpose of this contract is to procure 2,000 linear feet of eight-foot wide articulated concrete mats for the Sidestream Elevated Pool Aeration Station 4, in Worth, IL. Currently at SEPA 4, gabion baskets are used to retain riprap along the shoreline, so that it does not erode. The gabion baskets, which are made from wire mesh, have corroded over time and are failing, allowing the riprap to fall into the Cal-Sag channel. The new concrete erosion control block mats will be installed to replace both the failing gabion baskets and associated riprap.

The estimated cost for this 2016 contract is \$80,000.00.

The bid deposit for this contract is \$4,000.00.

The Affirmative Action Ordinance, Revised Appendix D, and the Multi-Project Labor Agreement (MPLA) are not applicable to this contract, because it is primarily a furnish and deliver contract.

The tentative schedule for this contract is as follows:

Advertise	October 19, 2016
Bid Opening	November 8, 2016
Award	December 1, 2016
Completion	December 31, 2016

Funds are available in Account 201-50000-645600.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 16-608-21.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0953, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 10-883-CF, Cherry Creek East Branch Flood Control Project, estimated cost \$4,860,035.00, Accounts 401-50000-645620 and 501-50000-645620, Requisition 1434173 (*Deferred from the Board Meeting of September 1, 2016*)

Dear Sir:

Contract documents and specifications have been prepared for Contract 10-883-CF, Cherry Creek East Branch Flood Control Project.

The purpose of this contact is to protect structures and infrastructure from recurring flood damage in Flossmoor, Illinois. It is estimated that sixteen homes will be removed from the regulatory floodplain by construction of the project.

The project consists of the following:

1. Channel modifications to Cherry Creek East Branch including flood shelf storage and native vegetation
2. Construction of a high-flow, flood-relief channel along Governors Highway
3. Construction of eight culverts and a basin outlet control structure to facilitate flow
4. Placement of in-stream structures for pool and riffle sequencing

It is estimated that 48 jobs will be created by award of this project, with 14,608 man-hours of skilled trades being utilized.

The estimated cost for this contract is \$4,860,035.00.

The bid deposit for this contract is \$244,000.00.

The contract specifications require that all work shall be completed within 1,460 calendar days after approval of the contractor's bond. Liquidated damages are \$1,000.00 for each calendar day beyond the specified date for substantial completion and \$200.00 for each calendar day beyond the specified date for final completion.

The Multi-Project Labor Agreement will be included in this contract.

The Affirmative Action Ordinance Revised Appendix D will be included in this contract. The type of work to be performed under the contract is within the "General and Heavy Construction" category for establishing Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE) and/or Small Business Enterprises (SBE) utilization goals. The MBE, WBE and/or SBE utilization goals for this contract are: 20 percent MBE, 10 percent WBE, and 10 percent SBE.

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The tentative schedule for this contract is as follows:

Advertise	September 21, 2016
Bid Opening	November 1, 2016
Award	December 15, 2016
Completion	December 14, 2020

Funds in the amount of \$3,810,035.00 are available in Account 401-50000-645620. The estimated expenditure for 2017 from Account 501-50000-645620 in the amount of \$1,050,000.00 is contingent on the Board of Commissioners' approval of the District's budget for that year.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 10-883-CF.

Requested, Catherine A. O'Connor, Director of Engineering, WSS:GAK

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

Flood Control Project on the East Branch of Cherry Creek in Flossmoor, IL

Project Number: 10-883-CF

Service Area: Calumet

Location: Flossmoor, IL

Engineering Consultant: CH2M Hill Engineers, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$4,860,035.00

Contract Award Date: December 2016*

Substantial Completion Date: December 2017*



Project Description: This project includes the construction of an overflow channel on Homewood-Flossmoor High School's property, west of Governors Highway. It will also replace two collapsed culverts and create shelf storage on Cherry Creek.

Project Justification: Safety/Regulatory. This project will remove 16 structures from the regulatory floodplain.

Project Status: The contract will be advertised in September 2016.

This project is partially funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0955, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to advertise Contract 16-051-11 Furnish and Deliver Miscellaneous Hand Tools to Various Locations for a One (1) Year Period, estimated cost \$45,000.00, Account 101-20000-623680

Dear Sir:

Contract documents and specifications have been prepared to furnish and deliver miscellaneous hand tools, such as hammers, pliers and saws to various locations for a one (1) year period beginning approximately November 1, 2016 and ending October 31, 2017.

The purpose of this contract is to furnish and deliver miscellaneous hand tools to the District's storerooms to maintain sufficient inventory levels, which are required for the day-to-day maintenance needs of the District.

The estimated cost for this contract is \$45,000.00.

No bid deposit is required for this contract.

The Multi-Project Labor Agreement (MPLA) is not applicable to this contract because it is primarily a furnish and deliver contract.

The Affirmative Action Interim Ordinance, Revised Appendix D is not included in this contract because it is primarily a furnish and deliver contract.

The tentative schedule for this contract is as follows:

Advertise	September 28, 2016
Bid Opening	October 18, 2016
Award	November 3, 2016
Completion	October 31, 2017

Funds are available in Account 101-20000-623680.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to advertise Contract 16-051-11.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:JN:tc
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0918, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order and enter into an agreement for Contract 16-RFP-12, Professional Services for Biostatistician Support, with Sustainable Systems LLC in an amount not to exceed \$75,000.00, Account 101-16000-612430, Requisition 1419638

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Sustainable Systems LLC for Professional Services for Biostatistician Support for the Environmental Monitoring and Research Division (EM&RD) at the Lue-Hing Research and Development Complex.

The contract to provide professional support and expertise is required to maintain the work output of the Monitoring and Research Department's EM&RD during periods where workload and deadline priorities necessitate additional statistical support, or the staff Biostatistician is not available for an extended period. Therefore, the contractor will perform the following project tasks, which the District will request on an as-needed basis:

1. Convert data from Oracle, Microsoft Excel and Access databases to SAS format. Perform statistical analyses, which may include but are not limited to the following:
 - a. Analysis of variance (ANOVA) and covariance (ANCOVA) to include multiple comparison tests using Tukey, Student-Newman-Keul, Scheffe, Duncan, Studentized Maximum Modulus methods and output results in SAS, Microsoft Word, or LATEX formats.
 - b. Regression Analysis (Multivariate multiple regression) - best fit in linear or non-linear, testing for equality, and logistic regression test.
 - c. Principle Component Analysis - for summarizing data characteristics and use in regression and other multivariate analyses.
2. Write Procedures Universal setting for the following: SAS Base, SAS Component Language, SAS Macro Language, and Visual Basic for Applications (VBA).
3. Produce customized reports including text, tables and charts by integration of results generated by SAS or VBA procedures in LATEX.
4. Complete various environmental monitoring reports as requested by EM&RD.
5. Advise EM&RD staff regarding sampling frequency and other details of experimental plans for effective statistical analysis of research.

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The bid open date was May 4, 2016, and the proposal due date was May 27, 2016. One vendor, Sustainable Systems LLC, submitted a proposal. 420 firms were notified and 15 took out proposals.

The proposal was evaluated by a committee, which included Albert Cox, Environmental Monitoring and Research Manager, Zainul Abedin, Biostatistician, and Christine Daly-DeSalvo, Buyer III.

Sustainable Systems LLC was selected because the firm has the experience performing similar biostatistical services and has staff with adequate training and technical competence to perform the list of project tasks.

The number of man hours will be up to 400 during the duration of the service period and will be determined based on the amount of service requested. The unit cost up to 300 hours is \$200.00/hour, and up to 100 hours is \$150.00/hour, based on the rates of the two Sustainable Systems LLC staff who will provide the service under this contract.

Inasmuch as the firm Sustainable Systems LLC possesses of a high degree of professional skill, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement per Section 11.4 of the Purchasing Act, in an amount not to exceed \$75,000.00.

Funds for the 2016 expenditure, in the amount of \$15,000.00, are available in Account 101-16000-612430. The estimated expenditure for 2017 is \$30,000.00 and for 2018 is \$30,000.00, Funds for the 2017 and 2018 expenditures is contingent on the Board of Commissioners' approval of the District's budgets for those years.

Requested, Thomas C. Granato, Director of Monitoring and Research, TCG:MPC:HZ:AC:kq
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0923, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order to DLT Solutions, LLC to Furnish and Deliver New Licenses and Renewal of the Autodesk Subscription and Advanced Support Program for AutoCAD Software, in an amount not to exceed \$73,864.81, Account 101-27000-612820 Requisition 1425947

Dear Sir:

Authorization is requested to issue a purchase order to DLT Solutions, LLC to furnish and deliver new licenses and renewal of the Autodesk Subscription and Advanced Support Program for AutoCAD software for a one-year period under General Services Administration (GSA) Joint Purchasing Contract GS-35F-267DA. The District has the ability to participate in GSA contracts under the Government Joint Purchasing Act, 30 ILCS 525/0.01 et.seq. The purchase order will expire on October 26, 2017.

GS-35F-267DA is a GSA Schedule 70 Contract which offers a wide range of software and accompanying services through licensing agreements. The GSA currently has a competitively bid contract with DLT Solutions, LLC for the purchase of AutoDesk, Inc. software and software maintenance. The contract enables authorized governmental units to purchase AutoDesk software and software maintenance during the period covered by the contract: April 11, 2016 through April 10, 2021.

AutoCAD is the computer-aided drafting and design (CAD) application used by both the Engineering and Maintenance and Operations departments. The Autodesk Subscription and Advanced Support Program is a complete software and service program that keeps AutoCAD software and design tools up to date and provides technical support for troubleshooting issues. The duration of the subscription program will be for one year, October 27, 2016 to October 26, 2017.

DLT Solutions, LLC, the sole source of supply under GSA Contract GS-35F-267DA, has submitted prices for the products required. Inasmuch as DLT Solutions, LLC is the only source of supply for the products required, said purchase order may be issued without competitive bidding pursuant to Section 11.4 of the Purchasing Act.

DLT Solutions, LLC is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement is not applicable to this contract because it is primarily a furnish and deliver contract.

In view of the foregoing it is requested that the Director of Procurement and Materials Management be authorized to issue said purchase order to DLT Solutions, LLC, in an amount not to exceed \$73,864.81.

Funds are available in Account 101-27000-612820.

File #: 16-0923, **Version:** 1

Requested, John Sudduth, Director of Information Technology, JS:SK:BVS:bvs
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0925, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order to CDW Government, LLC to Furnish and Deliver Symantec Software License Renewal, in an amount not to exceed \$16,196.00, Account 101-27000-612820, Requisition 1428919

Dear Sir:

Authorization is requested to issue a purchase order to CDW Government, LLC to furnish and deliver Symantec software license renewal for a one-year period under City of Chicago Hardware and Software Contract (29659-105081). The District has the ability to participate in City of Chicago contracts under the Government Joint Purchasing Act, 30 ILCS 525/0.01 et.seq. The term of coverage for the Symantec license renewal is from December 23, 2016 through December 22, 2017.

The City of Chicago currently has a competitively bid Hardware and Software Contract (29659-105081) with CDW Government LLC, for the purchase of software, hardware and related services. The invitation to bid was issued to establish a contract to enable authorized governmental units to purchase software, hardware and related services during the contract period which began on October 1, 2014 and expires on September 30, 2017.

Symantec software is used by the District as the anti-virus solution for PCs and servers.

CDW Government, LLC, the sole source of products under City of Chicago Hardware and Software Contract (29659-105081), has submitted prices for the Symantec software license renewal required. Inasmuch as CDW Government, LLC is the only source of supply for the goods required under City of Chicago Hardware and Software Contract (29659-105081), said purchase order may be issued without competitive bidding pursuant to Section 11.4 of the Purchasing Act.

CDW Government, LLC is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement is not applicable to this contract because it is primarily a furnish and deliver contract.

In view of the foregoing, it is requested that the Director of Procurement and Materials Management be authorized to issue said purchase order to CDW Government, LLC in an amount not to exceed \$16,196.00.

Funds are available in Account 101-27000-612820.

Requested, John Sudduth, Director of Information Technology, JS:SK:BVS:bvs
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board

File #: 16-0925, **Version:** 1

of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0941, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order to Mesirow Insurance Services, Inc., for furnishing Fiduciary Liability Insurance for the Deferred Compensation Plan and Trust, in an amount not to exceed \$8,946.00, and authorization for payment by direct voucher to Mesirow Insurance Services, Inc., for furnishing Fiduciary Liability Insurance for the Retiree Health Care Trust (OPEB), in an amount not to exceed \$6,254.00, Accounts 101-25000-612290 and P802-11000-798200 respectively, Requisition 1431710

Dear Sir:

At the Board Meeting of December 18, 2014, in accordance with Contract 14-RFP-33, the Board of Commissioners awarded a purchase order to Mesirow Insurance Services, Inc. (Mesirow) to serve as the District's broker-of-record for the handling of Fiduciary insurance and related services for a three year period. In this capacity, Mesirow has responsibility for securing quotes from the insurance market for this and other specified insurance policies, and presenting the quotes from qualified carriers to the Risk Manager for review and recommendation of a selected carrier to the Director of Procurement and Materials Management.

On August 22, 2016, the District received certain bid quotations/market responses which Mesirow had solicited pursuant to the Detailed Specifications for Fiduciary Liability Insurance for both the Deferred Compensation Plan and Trust and the Retiree Health Care Trust (OPEB) for a one-year period from November 1, 2016 through November 1, 2017. An annual aggregate liability limit of five million dollars, subject to a self-insured retention of ten thousand dollars per claim, was requested.

For the 2016 placement, seven insurance carriers were approached. Four carriers provided quotations at the limits and retention level requested. One carrier provided a quotation with a higher retention level. One carrier only offered a pricing indication. One carrier declined to offer a quotation.

It was determined that optimal program design, coverage and pricing for Fiduciary Liability coverage was offered by Great American Insurance Company, at the rate of \$8,946.00 for the Deferred Compensation Plan and Trust and \$6,254.00 for OPEB, for a combined policy premium of \$15,200.00 which is a 0.1% increase over the prior year's premium. This placement will provide an annual aggregate liability limit of five million dollars subject to a self-insured retention of ten thousand dollars per claim.

The quotations/market responses were evaluated by Mesirow, Acting Director of Human Resources, MWRD Risk Manager, and Senior Buyer in the Department of Procurement and Materials Management. Based on a review of the responses, it was determined that the District should place this coverage with Great American Insurance Company at the rate of \$15,200.00. The company is licensed to do business in Illinois, complied with the terms and conditions of the bid specifications, and has an A.M. Best Company rating of A+ (Superior), XIV (\$1.5 billion to \$2.0 billion), with a financial outlook of Stable.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be

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authorized to issue a purchase order to Mesirow Insurance Services, Inc., in an amount not to exceed \$8,946.00, for the Deferred Compensation Plan and Trust and authorize payment by direct voucher to Mesirow Insurance Services, Inc., for furnishing Fiduciary Liability Insurance for the Retiree Health Care Trust (OPEB), in an amount not to exceed \$6,254.00. Funds are available in Accounts 101-25000-612290 and P802-11000-798200 respectively.

Requested, Beverly Sanders, Acting Director of Human Resources

Requested, Mary Ann Boyle, Treasurer

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0951, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order and enter into an agreement with Hach Company, for preventive maintenance, repair and consumable supplies for Lachat QC8500 Flow Injection Analyzers and Peripheral Accessories, in an amount not to exceed \$43,640.00, Accounts 101-16000-612970, 623570, Requisition 1432949

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with Hach Company (HACH), for preventive maintenance, repair and consumable supplies for Lachat QC8500 Flow Injection Analyzers (FIAs) and peripheral accessories, as well as consumable supplies solely for the Lachat instruments. This purchase order will expire on November 21, 2017.

Flow injection analyzers are used for the analysis of ammonia nitrogen, TKN, phosphorus, fluoride, and sulfate. These analyses are required by permits, regulations, and ordinances including: water reclamation plant influent and effluent samples for compliance with NPDES permits, biosolids samples for compliance with the USEPA Part 503 rule, industrial discharges to ensure that dischargers are in compliance with the industrial pretreatment regulations, and the monitoring of the water quality in the Chicago area waterways to meet the IEPA designated Water Quality Standard.

HACH, the sole-service provider for preventive maintenance, repair and consumable supplies for FIAs and peripheral accessories, has submitted pricing for the services required. The benefits that this service provides are that the Lachat equipment is maintained by vendor-trained technicians and the preventive maintenance and emergency repairs will greatly reduce instrument downtime due to failure. Inasmuch as HACH is the only source of supply for the goods and services required, nothing would be gained by advertising for bids (Section 11.4 of the Purchasing Act).

HACH is registered and in good standing with the State of Illinois.

The Multi-Project Labor Agreement is not applicable due to the specialized nature of the services required.

In view of the foregoing it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement with HACH in an amount not to exceed \$43,640.00.

Funds are available in Accounts 101-16000-612970, 623570.

Requested, Thomas C. Granato, Director of Monitoring and Research, TCG:MPC:DC:JC:cs
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board

File #: 16-0951, **Version:** 1

of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0958, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue a purchase order and enter into an agreement with DHI Water & Environment, Inc. for professional engineering services for Contract 16-835-3C Energy Neutrality Feasibility Study at the Egan and the Hanover Park Water Reclamation Plants, in an amount not to exceed \$353,841.97, Account 401-50000-612440, Requisition 1429750

Dear Sir:

Authorization is requested to issue a purchase order and enter into an agreement with DHI Water & Environment, Inc. (DHI) for professional engineering services for Contract 16-835-3C Energy Neutrality Feasibility Study at the Egan and Hanover Park WRPs.

On October 16, 2014, the Board of Commissioners granted its approval to enter into a Memorandum of Understanding (MOU) with Aarhus Vand A/S of Denmark (Aarhus Water) for engaging in a knowledge exchange program. As part of the collaborative agreement between the District and Aarhus Water, a number of common interests were identified, including energy management/energy neutrality, wastewater operations, and process control monitoring. The District has been working towards the goal of energy neutrality by the year 2023. DHI, as a consultant to Aarhus Water, provided professional engineering services for the Ega Water Treatment Plant in Denmark, which this year will become the first wastewater treatment facility in the world to produce 50 percent more energy than it consumes. Through the MOU, the District has had an opportunity to learn about DHI's software technology related to energy management and process control monitoring.

The scope of work consists of performing a feasibility assessment for energy neutrality at the Egan and Hanover Park WRPs. The study will include four individual work packages and a workshop. Work Package 1 (WP1) will consist of the gathering and analysis of plant operational data by DHI to establish a baseline for process performance and energy consumption. Work Package 2 (WP2) will consist of site visits by DHI to perform interviews with District staff and gather additional data on facilities and controls at each of the plants. DHI will then prepare a catalog and present a one day Optimization Workshop for the District to review a list of feasible optimization alternatives to be explored by DHI. In Work Package 3 (WP3), DHI will combine optimization alternatives into various scenarios that will be tested using DHI's process model software to determine each scenario's impact on energy production, energy consumption and effluent quality, while also assessing all applicable costs, resulting in a ranked list of optimization scenarios. Work Package 4 (WP4) will include developed and detailed descriptions of the two highest ranked scenarios, which the District will be able to use to initiate subsequent future engineering projects.

The time allowed for services to be performed under this agreement is 250 days from the date of the notice to proceed. There are no provisions in the agreement for extension of time except for such reasonable period as may be agreed upon between parties.

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Deliverables to be provided under this agreement include:

- WP1 Technical Memorandum - Plant Performance Baseline and Success Factor Prioritization
- WP2 Technical Memorandum - Process Limitation Analysis and Optimization Alternatives
- Optimization Concept Workshop hosted by DHI
- WP3 Technical Memorandum - Optimization Scenario Analysis and Ranking
- WP4 Technical Memorandum - Detailed Optimization Scenario Implementation Plan

DHI, the sole source provider of the DIMS.CORE software application and engineering services related to wastewater treatment plant optimization and energy neutrality, has submitted a proposal in the amount of \$353,841.97 for the professional services required. The Engineering Department has reviewed the proposal and found it to be acceptable.

It is estimated that over 13 persons will be working on the contract at various times with an anticipated total of 2,004 man-hours. The average payroll rate will be approximately \$67.14.

DHI shall be paid an hourly rate based on the direct labor rate in effect for the year the work is performed, times an overall multiplier of 2.36, plus reimbursable direct costs, up to a total amount not to exceed \$353,841.97.

ITEM	FEE
1. Prime Consultant Fee	
A. Direct Labor	\$ 82,368.00
B. Overhead and Profit	<u>\$111,747.74</u>
C. Total Labor Fee	\$194,115.74
2. Reimbursable Direct Costs	\$ 12,594.00
3. PCE Sub-Consultants	
A. MPR	\$ 71,218.78
B. IDCS	<u>\$ 37,532.39</u>
C. Total PCE Sub-Consultants	\$108,751.17
4. Non PCE Sub-Consultants	
A. Baxter & Woodman	\$ 38,381.06
Total Fee (Not To Exceed)	\$353,841.97

The firm MPR Engineering Corp., Inc. (MPR) is a Minority-Owned Business Enterprise/Small Business Enterprise. The firm Intelligent Design & Construction Solutions LLC (IDCS) is a Women-Owned Business Enterprise/Small Business Enterprise. All MBE/SBE and WBE/SBE firms will actively participate in providing services for the core elements required by the agreement.

DHI is registered to transact business and in good standing with the State of Illinois.

The agreement shall be subject to the approval of the Diversity Section as to whether the MBE/SBE and WBE/SBE firms are in accordance with the District's Affirmative Action Policy. The agreement shall be subject to the approval of the Law Department as to form and legality.

Inasmuch as the firm of DHI Water & Environment, Inc. possesses a high degree of professional skill and is the only source of supply of the DIMS.CORE software application and related engineering services, it is

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recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order and enter into an agreement without advertising, per Section 11.4 of the Purchasing Act, in an amount not to exceed \$353,841.97.

Funds are available in Account 401-50000-612440.

Requested, Catherine A. O'Connor, Director of Engineering, WSS:KMF

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0972, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order for Contract 16-107-11, Furnish and Deliver American Sigma Flowmeters, to Atlas and Associates, Inc., in an amount not to exceed \$42,500.00, Account 101-16000-623570, Requisition 1410209

Dear Sir:

On March 17, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids Contract 16-107-11, Furnish and Deliver American Sigma Flowmeters.

In response to a public advertisement of May 25, 2016, a bid opening was held on June 21, 2016. The bid tabulation for this contract is:

ATLAS & ASSOCIATES, INC.	\$42,500.00
HEARTLAND CONTROLS	\$49,638.29

Four hundred forty-two (442) companies were notified of this contract being advertised and twenty-eight (28) companies requested specifications.

Atlas & Associates, Inc., the lowest responsible bidder, is proposing to perform the contract in accordance with the specifications. The estimated cost for this contract was \$43,000.00, placing their bid of \$42,500.00 approximately 1.2 percent below the estimate.

The equipment will be delivered within 90 days after receipt of the purchase order .

The Multi-Project Labor Agreement was not included in this contract because it is primarily a furnish and deliver contract.

The Affirmative Action Ordinance, Revised Appendix D was not included in this contract because it is primarily a furnish and deliver contract.

There was no bid deposit required for this contract.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order for Contract 16-107-11, to Atlas and Associates, Inc., in an amount not to exceed \$42,500.00.

Funds are available in Account 101-16000-623570.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:cm

File #: 16-0972, **Version:** 1

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0973, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Issue purchase order for Contract 16-641-11, Furnishing and Delivering Liquid Carbon Dioxide to the Stickney Water Reclamation Plant, to Air Liquide Industrial US, LP, in an amount not to exceed \$1,032,000.00, Account 101-69000-623560, Requisition 1426350

Dear Sir:

On May 19, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 16-641-11 Furnishing and Delivering Liquid Carbon Dioxide to the Stickney Water Reclamation Plant.

On June 2, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 16-641-11 Furnishing and Delivering Liquid Carbon Dioxide to the Stickney Water Reclamation Plant.

Authorization to rescind Board Order to obtain authority to advertise for Contract 16-641-11 at the Board meeting of May 19, 2016 was approved by the Board of Commissioners at the Board meeting of June 16, 2016. The authorization was rescinded because authority to advertise was subsequently revised, resubmitted and approved at the Board meeting of June 2, 2016.

In response to a public advertisement of July 20, 2016, a bid opening was held on August 9, 2016. The bid tabulation for this contract is:

AIR LIQUIDE INDUSTRIAL US, LP	*\$1,032,000.00
AIR PRODUCTS & CHEMICALS INC.	\$1,077,000.00
PRAXAIR, INC.	\$1,177,680.00
LINDE LLC	\$1,279,800.00

*corrected total

One hundred fifty-two (152) companies were notified of this contract being advertised and seventeen (17) companies requested specifications.

Air Liquide Industrial US, LP, the lowest responsible bidder, is proposing to perform the contract in accordance with the specifications. The estimated cost for this contract was \$1,280,000.00, placing the total bid of \$1,032,000.00, approximately 19.4 percent below the estimate.

The contract shall commence five days after mailing of the purchase order and terminate three years thereafter.

The Multi-Project Labor Agreement (MPLA) was not included in this contract because it is primarily a furnish

File #: 16-0973, **Version:** 1

and deliver contract.

The Affirmative Action Ordinance, Revised Appendix D was not included in this contract because it is primarily a furnish and deliver contract.

The bid deposit in the amount of \$64,000.00 will be retained in lieu of a performance bond, which is satisfactory to the Law Department and approved by the Director of Procurement and Materials Management.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to issue a purchase order for Contract 16-641-11, to Air Liquide Industrial US, LP, in an amount not to exceed \$1,032,000.00.

Funds for the 2016 expenditure in the amount of \$90,000.00, are available in Account 101-69000-623560. The estimated expenditure for 2017 is \$341,000.00, for 2018 is \$341,000.00, and for 2019 is \$260,000.00. Funds for the 2017, 2018, and 2019 expenditures are contingent on the Board of Commissioners' approval of the District's budget for those years.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:cm
Respectfully Submitted, Barbara J. McGowan, Chairman, Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0956, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to award Contract 15-072-3D, Safety Railing Around Tanks, Terrence J. O'Brien Water Reclamation Plant, to Fence Masters, Inc., in an amount not to exceed \$1,400,000.00, plus a five (5) percent allowance for change orders in an amount of \$70,000.00, for a total amount not to exceed \$1,470,000.00, Account 401-50000-645650, Requisition 1423508

Dear Sir:

On April 7, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 15-072-3D, Safety Railing Around Tanks, Terrence J. O'Brien Reclamation Plant.

In response to a public advertisement of June 29, 2016, a bid opening was held on August 2, 2016. The bid tabulation for this contract is:

MORRISON CONSTRUCTION COMPANY, INC.	\$1,296,635.00
FENCE MASTERS, INC.	\$1,400,000.00
JOSEPH J. HENDERSON & SON, INC.	\$1,540,000.00
BROADWAY ELECTRIC, INC.	\$1,631,000.00
INDUSTRIAL FENCE, INC.	\$1,699,379.15
F.H. PASCHEN, SN NIELSEN & ASSOCIATES LLC	\$1,779,000.00
IHC CONSTRUCTION COMPANIES, LLC	\$1,782,800.00
WESTMONT ENGINEERING	*\$2,081,840.00
*corrected total	

One thousand twenty-two (1,022) companies were notified of this contract being advertised and twenty-six (26) companies requested specifications.

A review of the bid submitted by Morrison Construction Company, Inc., revealed that this firm did not comply with the Affirmative Action Ordinance, Revised Appendix D. The Utilization goals for this contract are 20 percent Minority Business Enterprise (MBE), 10 percent Women Business Enterprise (WBE), and 10 percent Small Business Enterprise (SBE). Morrison Construction Company, Inc.'s Utilization Plan reflects 18.74 percent MBE, 9.41 percent WBE and 0 percent SBE. In addition, Morrison Construction Company, Inc., did not submit a waiver request.

As a result, the bid submitted by Morrison Construction Company, Inc., is considered non-responsive in accordance with Section 12. Utilization Plan Submission under (b) bidder must either meet the Utilization Contract Goals or establish its Good Faith Efforts to do so as described in Appendix D and the solicitation; (c) Each Bidder's Utilization Plan shall commit to MBE, WBE or SBE participation equal to or greater than each of

File #: 16-0956, **Version:** 1

the Contract Goals set forth in the solicitation, unless the Bidder requests a partial or total waiver of the requirement...or achieve a particular goal by submitting with the bid a signed Waiver Request in the form specified in the solicitation; and (e) (v) Where the Director determines that a bidder has not made Good Faith Efforts, the Director shall declare the bid submission non-responsive and will reject the bid.

The Director of Procurement and Materials Management has informed Morrison Construction Company, Inc., of this action.

Fence Masters, Inc., the lowest responsible bidder is proposing to perform the contract in accordance with the specifications. The estimated cost for this contract was \$1,700,000.00, placing their bid of \$1,400,000.00 approximately 17.6 percent below the estimate.

Fence Masters, Inc., is in compliance with the Affirmative Action Ordinance, Revised Appendix D as indicated on the attached report. The Minority Business Enterprise (MBE), Women Business Enterprise (WBE) and Small Business Enterprise (SBE) utilization goals for this contract are 20 percent MBE, 10 percent WBE and bidder offers self to satisfy SBE participation.

Fence Masters, Inc., has executed the Multi-Project Labor Agreement (MPLA) certificate as required. It is anticipated that the following trades will be utilized on this contract: carpenters, steel erectors, and steel erector foreman. The list of construction trades is not intended to confer any rights or jurisdiction upon any union or unions.

The contract will require approximately seventeen (17) people for the services.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to award Contract 15-072-3D to Fence Masters, Inc., in an amount not to exceed \$1,400,000.00, plus a five (5) percent allowance for change orders in an amount of \$70,000.00, for a total amount not to exceed \$1,470,000.00, subject to the contractor furnishing a performance bond in form satisfactory to the Law Department and approved by the Director of Procurement and Materials Management.

The estimated completion date is within 370 calendar days after approval of the Contractor's Bond.

Funds are available in Account 401-50000-645650.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:cm
Respectfully Submitted, Barbara J. McGowan, Chairman, Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachments

INTEROFFICE MEMORANDUM
METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

DEPARTMENT: General Administration
Diversity Section

DATE: August 18, 2016

TO: John P. Murray, Acting Director of Maintenance and Operations

FROM: Regina D. Berry, Diversity Administrator 

SUBJECT: CONTRACT 15-072-3D, SAFETY RAILING AROUND TANKS, TERRENCE
J. O'BRIEN WATER RECLAMATION PLANT

Prime Contractor: Fence Masters, Inc.

The bidder, Fence Masters, Inc., has submitted company information and "MBE/ WBE/SBE Business Verification Forms" for the firms identified on the subject contract's Utilization Plan.

The Utilization goals for the above mentioned contract are 20% MBE, 10% WBE and 10% SBE. According to the contractor's Utilization Plan, the bidder has committed the following:

<u>MBE</u>	<u>WBE</u>	<u>SBE</u>
20%	10%	*

Therefore, the bidder, Fence Masters, Inc., is in apparent compliance with the requirements of Affirmative Action Ordinance Revised Appendix D.

RDB:APH

Attachment

cc: Darlene LoCascio/ Cornier/ Shields-Wright/ File (2)

*Bidder offers self to satisfy SBE participation

REVISED JUNE, 2015

**METROPOLITAN WATER RECLAMATION DISTRICT OF
GREATER CHICAGO**

MBE, WBE, SBE UTILIZATION PLAN

For Local and Small business entities - Definitions for terms used below can be found in Appendix D: MBE - Section 5(s); WBE - Section 5(cc); SBE - Section 5(w).

NOTE: The Bidder shall submit with the Bid, originals or facsimile copies of all MBE, WBE, SBE Subcontractor's Letter of Intent furnished to all MBEs, WBEs, and SBEs. IF A BIDDER FAILS TO INCLUDE signed copies of the MBE, WBE, SBE Utilization Plan and all signed MBE, WBE, SBE Subcontractor's Letter of Intent with its bid, said bid will be deemed nonresponsive and rejected.

All Bidders must sign the signature page UP-5 of the Utilization Plan, even if a waiver is requested.

Name of Bidder: Fence Masters, Inc.

Contract No.: 15-072-30

Affirmative Action Contact & Phone No.: Peter Biancardi 708 758 5250

E-Mail Address: pbiancardi@fencemastersinc.com

Total Bid: \$1,400,000.00

MBE, WBE, SBE UTILIZATION PLAN AND ALL SIGNED MBE, WBE, SBE SUBCONTRACTOR'S LETTER OF INTENT MUST BE COMPLETED, SIGNED AND ACCOMPANY YOUR BID!!!

The bidder should indicate on the Utilization Plan explicitly if the dollar amounts for the MBE participation will also be counted toward the achievement of its SBE participation. See Affirmative Action Ordinance, Revised Appendix D, Section 11, Counting MBE, WBE and SBE Participation towards Contract Goals. (a) (b) (c)

MBE UTILIZATION

Name of MBE and contact person: PMI Systems DBA The Bartech Group - Don Nietzel
 Business Phone Number: 773-241-6832 Email Address: d.nietzel@bartechgroup.biz
 Address: 44 W 60th St. Chicago, IL 60621
 Description of Work, Services or Supplies to be provided: Furnish and install Davit Bases
Install fence / safety rail partial
 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: \$251,915.00

If the MBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☒ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

MBE UTILIZATION

Name of MBE and contact person: Top Builders
 Business Phone Number: 773-343-4119 Email Address: topbuildersinc@gmail.com
 Address: 3211 Dell Place Glenview, IL 60025
 Description of Work, Services or Supplies to be provided: Submittal and as built drawings
Demolition of existing railings
 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: \$30,630.00

If the MBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☒ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

MBE UTILIZATION

Name of MBE and contact person: _____
 Business Phone Number: _____ Email Address: _____
 Address: _____
 Description of Work, Services or Supplies to be provided: _____
 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: _____

If the MBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☐ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

(Attach additional sheets as needed)

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282,545.00 =

282,545.00 ÷

1,400,000.00 =

0.20 * +

0. *

PS

The bidder should indicate on the Utilization Plan explicitly if the dollar amounts for the WBE participation will also be counted toward the achievement of its SBE participation. See Affirmative Action Ordinance, Revised Appendix D, Section 11, Counting MBE, WBE and SBE Participation towards Contract Goals. (a) (b) (c)

WBE UTILIZATION

Name of WBE and contact person: Mack Construction Services LLC - Nancy Carreon
 Business Phone Number: 773-525-3411 Email Address: nscarreon@comcast.net
 Address: 3628 N. Hamilton Chicago, IL 60618
 Description of Work, Services or Supplies to be provided: Metal Material Supply

CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: \$145,725.00

If the WBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☒ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

WBE UTILIZATION

Name of WBE and contact person: _____
 Business Phone Number: _____ Email Address: _____
 Address: _____
 Description of Work, Services or Supplies to be provided: _____

CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: _____

If the WBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☐ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

WBE UTILIZATION

Name of WBE and contact person: _____
 Business Phone Number: _____ Email Address: _____
 Address: _____
 Description of Work, Services or Supplies to be provided: _____

CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: _____

If the WBE participation will be counted towards the achievement of the SBE goal please indicate here:

☐ YES

☐ NO

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!

(Attach additional sheets as needed)

SBE UTILIZATION

Name of SBE and contact person: Fence Masters, Inc. - Peter Biancardi
 Business Phone Number: 708-758-5250 Email Address: pbiancardi@fencemastersinc.com
 Address: 20400 S Cottage Grove Ave. Chicago Heights, IL 60411
 Description of Work, Services or Supplies to be provided: Fabrication and install of railing
Project Management
 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: \$950,000.00

The MBL, WBL, SBE Utilization Plan and the MBL, WBL, SBE Subcontractor's Letter of Intent MUST Accompany the Bid!!

SBE UTILIZATION

Name of SBE and contact person: _____
 Business Phone Number: _____ Email Address: _____
 Address: _____
 Description of Work, Services or Supplies to be provided: _____

 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: _____

The MBL, WBL, SBE Utilization Plan and the MBL, WBL, SBE Subcontractor's Letter of Intent MUST Accompany the Bid!!

SBE UTILIZATION

Name of SBE and contact person: _____
 Business Phone Number: _____ Email Address: _____
 Address: _____
 Description of Work, Services or Supplies to be provided: _____

 CONTRACT ITEM NO.: _____
 Total Dollar Amount Participation: _____

(Attach additional sheets as needed)

The MBL, WBL, SBE Utilization Plan and the MBL, WBL, SBE Subcontractor's Letter of Intent MUST Accompany the Bid!!

SIGNATURE SECTION

On Behalf of Fence Masters, Inc. I/We hereby acknowledge that
 (name of company)

I/WE have read Revised Appendix D, will comply with the provisions of Revised Appendix D, and intend to use the MBEs, WBEs, and SBEs listed above in the performance of this contract and/or have completed the Waiver Request Form. To the best of my knowledge, information and belief, the facts and representations contained in this Exhibit are true, and no material facts have been omitted.

I do solemnly declare and affirm under penalties of perjury that the contents of the foregoing document are true and correct, and that I am authorized, on behalf of the bidder, to make this affidavit.

8/1/16
 Date

Steve Johnson
 Signature of Authorized officer

ATTEST:

Steve Johnson, President
 Print name and title

Rm
 Secretary

708 758 5250
 Phone number

- 1) The Bidder is required to sign and execute this page, EVEN IF A WAIVER IS BEING REQUESTED.
- 2) Failure to do so will result in a nonresponsive bid and rejection of the bid.
- 3) If a waiver is requested, the bidder must also complete the following "WAIVER REQUEST FORM."

The MBE, WBE, SBE Utilization Plan and the MBE, WBE, SBE Subcontractor's Letter of Intent MUST Accompany the Bid !!!

Safety Railing around Tanks, OWRP

Project Number: 15-072-3D

Service Area: North

Location: O'Brien WRP

Engineering Consultant: In-house design

General Contractor: To be determined

Estimated Construction Cost: \$3,000,000

Contract Award Date: June 2016*

Substantial Completion Date: July 2017*



Project Description: Install safety railings around aeration tanks for worker safety and to meet Occupational Safety and Health Administration regulations.

Project Justification: The guard rails were never installed around some of these tanks and are required for worker safety.

Project Status: This project is being designed.

*Information shown is estimated.



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0957, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to award Contract 16-025-11, Furnish and Deliver Plumbing Pipe, Fittings and Valves to Various Locations for a One (1) Year Period, Groups A, D, E, and G to Marco Supply Company, Inc., d.b.a Johnson Pipe & Supply Company, Inc., in a total amount not to exceed \$79,155.92, Groups B and I to Griffith Windustrial Company in an amount not to exceed \$17,623.80, and Groups C, F, and H to Columbia Pipe & Supply Company, in an amount not to exceed \$133,150.82, Account 101-20000-623090

Dear Sir:

On June 2, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 16-025-11 furnish and deliver plumbing pipe, fittings and valves to various locations for a one year period, beginning approximately September 1, 2016 and ending August 31, 2017.

In response to a public advertisement of June 22, 2016, a bid opening was held on July 19, 2016. The bid tabulation for this contract is:

GROUP A: PIPE

ATLAS & ASSOCIATES, INC.	*\$31,280.00
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$34,880.04
COLUMBIA PIPE & SUPPLY COMPANY	*\$39,813.63
GRIFFITH WINDUSTRIAL COMPANY	*\$42,785.66
*corrected total	

GROUP B: HOSE CLAMPS & COUPLINGS

GRIFFITH WINDUSTRIAL COMPANY	*\$11,391.85
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$14,187.13
COLUMBIA PIPE & SUPPLY COMPANY	*\$19,953.26
ATLAS & ASSOCIATES, INC.	*\$42,185.00
*corrected total	

GROUP C: VALVES

COLUMBIA PIPE & SUPPLY COMPANY	*\$124,681.62
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$133,629.73
GRIFFITH WINDUSTRIAL COMPANY	*\$160,969.13
*corrected total	

GROUP D: GALVANIZED FITTINGS

MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$10,658.55
GRIFFITH WINDUSTRIAL COMPANY	*\$11,438.42

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COLUMBIA PIPE & SUPPLY COMPANY	*\$22,636.22
ATLAS & ASSOCIATES, INC.	*\$34,694.64
*corrected total	

GROUP E: MALLEABLE IRON FITTINGS

MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$18,380.77
GRIFFITH WINDUSTRIAL COMPANY	*\$18,455.49
COLUMBIA PIPE & SUPPLY COMPANY	*\$19,750.20
ATLAS & ASSOCIATES, INC.	*\$32,421.50
*corrected total	

GROUP F: STAINLESS STEEL FITTINGS

COLUMBIA PIPE & SUPPLY COMPANY	*\$1,924.83
GRIFFITH WINDUSTRIAL COMPANY	\$2,202.38
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$2,293.80
ATLAS & ASSOCIATES, INC.	*\$3,993.00
*corrected total	

GROUP G: SCHEDULE 40 & 80 FITTINGS

MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$15,236.56
GRIFFITH WINDUSTRIAL COMPANY	*\$15,920.07
COLUMBIA PIPE & SUPPLY COMPANY	*\$16,802.72
*corrected total	

GROUP H: FORGED FITTINGS

COLUMBIA PIPE & SUPPLY COMPANY	*\$6,544.37
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$6,965.59
GRIFFITH WINDUSTRIAL COMPANY	*\$8,733.47
*corrected total	

GROUP I: COPPER PIPE, TUBING, & FITTINGS

GRIFFITH WINDUSTRIAL COMPANY	*\$6,231.95
MARCO SUPPLY CO., INC., d.b.a. JOHNSON PIPE & SUPPLY CO., INC.	\$7,542.88
COLUMBIA PIPE & SUPPLY COMPANY	*\$9,964.63
*corrected total	

Five hundred eighty-one (581) companies were notified of the contract being advertised and thirty-three (33) companies requested specifications.

Atlas & Associates, the low bidder for Group A of this contract, is being rejected because 38 of 47 items offered for this group did not meet specifications. These items did not meet the requirement to be manufactured in the United States, as specified in Board of Standards Specification 05-03-07-02, and could not verify that their firm can hold their pricing for Group A for 12 months as required. Therefore, in accordance with the contract documents, the bid is considered non-responsive and rejected in the public's best interest. The Director of Procurement and Materials Management has notified Atlas & Associates of this action.

Marco Supply Company, Inc., d.b.a. Johnson Pipe & Supply Company, Inc., the lowest responsible bidder for Groups A, D, E, and G, is proposing to perform the contract in accordance with the specifications. The estimated cost for Groups A, D, E, and G of this contract was \$89,000.00, placing the total bid of \$79,155.92 approximately 11.1 percent below the estimate.

Griffith Windustrial Company, the lowest responsible bidder for Groups B and I, is proposing to perform the

File #: 16-0957, **Version:** 1

contract in accordance with the specifications. The estimated cost for Groups B and I was \$23,500.00, placing the total bid of \$17,623.80 approximately 25.0 percent below the estimate.

Columbia Pipe & Supply Company, the lowest responsible bidder for Groups C, F, and H, is proposing to perform the contract in accordance with the specifications. The estimated cost for Groups C, F, and H was \$148,000.00, placing the total bid of \$133,150.82 approximately 10.0 percent below the estimate.

The Multi-Project Labor Agreement (MPLA) is not applicable to this contract because it is primarily a furnish and deliver contract.

The Affirmative Action Ordinance, Revised Appendix D is not included in this contract because it is primarily a furnish and deliver contract.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to award Contract 16-025-11, Groups A, D, E, and G to Marco Supply Company, Inc., d.b.a Johnson Pipe & Supply Company, Inc., in a total amount not to exceed \$79,155.92, Groups B and I to Griffith Windustrial Company in an amount not to exceed \$17,623.80, and Groups C, F, and H to Columbia Pipe & Supply Company, in an amount not to exceed \$133,150.82.

Purchase orders will be issued for the material as required. Payment will be based on the unit cost as indicated in the contract documents. Funds are available in Account 101-20000-623090.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:JN:np
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachments

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP A: PIPE**

Item	MM #	Description
1	105834	PIPE,BLK,T&C,SCH40,21 FT-3/8"
2	105835	PIPE,BLK,T&C,SCH40,21 FT-1/2"
3	105836	PIPE,BLK,T&C,SCH40,21 FT-3/4"
4	105837	PIPE,BLK,T&C,SCH40,21 FT-1"
5	105838	PIPE,BLK,T&C,SCH40,21 FT-1-1/4"
6	105839	PIPE,BLK,T&C,SCH40,21 FT-1-1/2"
7	105840	PIPE,BLK,T&C,SCH40,21 FT-2"
8	105841	PIPE,BLK,T&C,SCH40,21 FT-2-1/2"
9	105842	PIPE,BLK,T&C,SCH40,21 FT-3"
10	105843	PIPE,BLK,T&C,SCH40,21 FT-4"
11	105844	PIPE,GALV,SCH40,THRD.BOTH ENDS-1/2"X 1'
12	105845	PIPE,GALV,SCH40,THRD.BOTH ENDS-1/2"X 2'
13	105846	PIPE,GALV,SCH40,THRD.BOTH ENDS-1/2"X 4'
14	105847	PIPE,GALV,SCH40,THRD.BOTH ENDS-1/2"X 6'
15	105848	PIPE,GALV,SCH40,T&C,21 FT-1/8"
16	105849	PIPE,GALV,SCH40,T&C,21 FT-1/4"
17	105850	PIPE,GALV,SCH40,T&C,21 FT-3/8"
18	105851	PIPE,GALV,SCH40,T&C,21 FT-1/2"
19	105852	PIPE,GALV,SCH40,T&C,21 FT-3/4"
20	105853	PIPE,GALV,SCH40,T&C,21 FT-1"
21	105854	PIPE,GALV,SCH40,T&C,21 FT-1-1/4"
22	105855	PIPE,GALV,SCH40,T&C,21 FT-1-1/2"
23	105856	PIPE,GALV,SCH40,T&C,21 FT-2"
24	105857	PIPE,GALV,SCH40,T&C,21 FT-2-1/2"
25	105858	PIPE,GALV,SCH40,T&C,21 FT-3"
26	105860	PIPE,GALV,SCH.40,T&C,21'LONG,4"DIA.
27	105879	PIPE,BLK,PLN END,SCH80,21 FT-1/2"
28	105880	PIPE,BLK,PLN END,SCH80,21 FT-3/4"
29	105881	PIPE,BLK,PLN END,SCH80,21 FT-1"
30	105882	PIPE,BLK,PLN END,SCH80,21 FT-1-1/4"
31	105883	PIPE,BLK,PLN END,SCH80,21 FT-1-1/2"
32	105884	PIPE,BLK,PLN END,SCH80,21 FT-2"
33	105885	PIPE,BLK,PLN END,SCH80,21 FT-2-1/2"
34	105886	PIPE,BLK,PLN END,SCH 80,21 FT-3"
35	105887	PIPE,BLK,PLN END,SCH 80,21 FT-4"
36	105888	PIPE,COPPER,WROT,TYPE L,20 FT-1/4"
37	105889	PIPE,COPPER,WROT,TYPE L,20 FT-3/8"
38	105891	PIPE,COPPER,WROT,TYPE L,20 FT-1-1/2 "
39	105895	PIPE,BLK,T&C,SCH80,21 FT-2"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP A: PIPE**

40	105896	PIPE,SS,304,SCH40,PLN END,21 FT-1/4"
41	105897	PIPE,SS,304,SCH40,PLN END,21 FT-1/2"
42	105898	PIPE,SS,304,SCH40,PLN END,21 FT-3/4"
43	105899	PIPE,SS,304,SCH40,PLN END,21 FT-1"
44	115703	PIPE,SS,304,SCH40,PLN END,20 FT-1-1/2
45	116050	PIPE,BLK,PLN END,SCH 40,21 FT-6",A 53B
46	116089	PIPE,SS,304,SCH40,PLN END,20 FT-2"
47	117258	PIPE,BLK,PLN END,SCH 40,21 FT-8"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP B: HOSE CLAMPS & COUPLINGS**

Item	MM #	Description
1	104386	CLAMP,HOSE,S.S.,WORM DRIVE,#5321K14,1/2"
2	104387	CLAMP,HOSE,SS,WORM DRIVE,#5321K16,5/16"
3	104388	CLAMP,HOSE,S.S.,WORM DRIVE,#6,1/2 IN.W.
4	104389	CLAMP,HOSE,S.S.,WORM DRIVE,#8,1/2 IN.W.
5	104390	CLAMP,HOSE,S.S.,WORM DRIVE,#10,1/2 IN.W.
6	104391	CLAMP,HOSE,S.S.,WORM DRIVE,#12,1/2 IN.W.
7	104392	CLAMP,HOSE,S.S.,WORM DRIVE,#16,1/2 IN.W.
8	104393	CLAMP,HOSE,S.S.,WORM DRIVE,#20,1/2 IN.W.
9	104394	CLAMP,HOSE,S.S.,WORM DRIVE,#24,1/2 IN.W.
10	104395	CLAMP,HOSE,S.S.,WORM DRIVE,#32,1/2 IN.W.
11	104396	CLAMP,HOSE,S.S.,WORM DRIVE,#36,1/2 IN.W.
12	104397	CLAMP,HOSE,S.S.,WORM DRIVE,#40,1/2 IN.W.
13	104398	CLAMP,HOSE,S.S.,WORM DRIVE,#44,1/2 IN.W.
14	104400	CLAMP,HOSE,S.S.,WORM DRIVE,#52,1/2 IN.W.
15	104401	CLAMP,HOSE,S.S.,WORM DRIVE,#60,1/2 IN.W.
16	104402	CLAMP,HOSE,S.S.,WORM DRIVE,#72,1/2 IN.W.
17	104403	CLAMP,HOSE,S.S.,WORM DRIVE,#96,1/2 IN.W.
18	104404	CLAMP,HOSE,S.S.,WORM DRIVE,#104,1/2IN.W.
19	104407	CLAMP,HOSE,S.S.,WORM DRIVE,#5322K18,1/2"
20	104410	CLAMP,5/8"X 1",BAND-IT #CP04
21	104411	CLAMP,5/8"X 1-1/4",BAND-IT #CP05
22	104412	CLAMP,5/8"X 1-1/2",BAND-IT #CP06
23	104414	CLAMP,5/8"X 2",BAND-IT #CP08
24	104415	CLAMP,5/8"X 2-1/4",BAND-IT #CP09
25	104416	CLAMP,5/8"X 2-1/2",BAND-IT #CP10
26	104419	CLAMP,HOSE,S.S.,WORM DRIVE,#M-4S,MINI
27	104420	CLAMP,HOSE,S.S.,WORM DRIVE,#6,MINI
28	104421	CLAMP,HOSE,S.S.,WORM DRIVE,#8,MINI
29	104422	CLAMP,HOSE,S.S.,WORM DRIVE,#10,MINI
30	104423	CLAMP,HOSE,S.S.,WORM DRIVE,#16,MINI
31	104613	CLAMPS,RISER,CRAWFORD FIG.35-3/4 IN.
32	104614	CLAMPS,RISER,CRAWFORD FIG.35-1 IN.
33	104616	CLAMPS,RISER,CRAWFORD FIG.35-1 1/2 IN.
34	104617	CLAMPS,RISER,CRAWFORD FIG.35-2 IN.
35	104619	CLAMPS,RISER,CRAWFORD FIG.35-3 IN.
36	104620	CLAMPS,RISER,CRAWFORD FIG.35-4 IN.
37	104621	CLAMPS,RISER,CRAWFORD FIG.35-6 IN.
38	104622	CLAMPS,RISER,CRAWFORD FIG.35-8 IN.
39	104633	CLAMP,BEAM,1/4",MALLEABLE IRON

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP B: HOSE CLAMPS & COUPLINGS**

40	104634	CLAMP,BEAM,5/16",MALLEABLE IRON
41	104635	CLAMP,BEAM,3/8",MALLEABLE IRON
42	104636	CLAMP,BEAM,OFFSET,3/8"ROD DIAMETER,STEEL
43	104637	CLAMP,BEAM,OFFSET,1/2"ROD DIAMETER
44	104738	COUPLER,AIR HOSE-1/4IN.FEM.A,KWIK CHNG
45	104739	COUPLER,AIR HOSE-1/4"M.PLUG,A,KWIK CHNG
46	104740	COUPLER,AIR HOSE-1/4"FEM PLUG,A,KWIKCHNG
47	104767	COUPLING,HOSE,AIR-1/2"PT.UNIV.MALE END
48	104768	COUPLING,HOSE,AIR-1/2"PT.UNIV.FEM.END
49	104769	COUPLING,HOSE,AIR-3/4"UNIV.HOSE END
50	104770	COUPLING,HOSE,AIR-3/4"DIXON MALE END
51	104771	COUPLING,HOSE,AIR-3/4"PT.UNIV.FEM.END
52	105284	FAUCET,BARREL/DRUM,3/4"MPT,BRONZE
53	105407	GASKET,NONASBESTOS,1-1/2 X 3-5/8 X 1/16"
54	105408	GASKET,NONASBESTOS, 2 X 4-1/8 X 1/16"
55	105409	GASKET,NONASBESTOS,2-1/2 X 4-7/8 X 1/16"
56	105410	GASKET,NONASBESTOS-4-1/2 X 6-7/8 X 1/16"
57	105411	GASKET,NONASBESTOS-3 X 5-3/8 X 1/16"
58	105412	GASKET,NONASBESTOS-3-1/2 X 5-3/8 X 1/16"
59	105414	GASKET,NONASBESTOS, 4 X 6-7/8 X 1/16"
60	105415	GASKET,NONASBESTOS, 4-1/2 X 7 X 1/16"
61	105416	GASKET,NONASBESTOS, 6 X 8-3/4 X 1/16"
62	105418	GASKET,NONASBESTOS, 8 X 11 X 1/16"
63	105420	GASKET,NONASBESTOS, 10 X 13-3/8 X 1/16"
64	105422	GASKET,NONASBESTOS-12 X 16 X 1/16"
65	105424	GASKET,NONASBESTOS-16 X 20-1/4 X 1/16"
66	105430	GASKET,PITTED FLNG,1/8"-4 X 6-7/8"
67	105431	GASKET,PITTED FLNG,1/8"-6 X 8-3/4"
68	105436	GASKET,RUBBER,RED,3"X 5-3/8 X 1/8"
69	105442	GASKET,SPIRAL WOUND,SELF CENTER,2"
70	105444	GASKET,SPIRAL WOUND,SELF CENTER,3"
71	105452	HANGERS,CLEVIS-3/4 IN.
72	105453	HANGERS,CLEVIS-1 IN.
73	105454	HANGERS,CLEVIS-1-1/4 IN.
74	105455	HANGERS,CLEVIS-1-1/2 IN.
75	105456	HANGERS,CLEVIS-2 IN.
76	105457	HANGERS,CLEVIS-2-1/2 IN.
77	105458	HANGERS,CLEVIS-3 IN.
78	105459	HANGERS,CLEVIS-4 IN.
79	105460	HANGERS,CLEVIS-6 IN.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP B: HOSE CLAMPS & COUPLINGS**

80	105461	HANGERS,CLEVIS-8 IN.
81	105473	HOSE END,AIR,BRASS-FEM,SWVL,1/4X1/4 NPS.
82	105474	HOSE END,AIR,BRASS-MALE,SWVL,1/4X1/4 NPT
83	105797	NIPPLE,GARDEN HOSE-3/4"MALE IPT,FEM.GHT
84	105799	NIPPLE,GARDEN HOSE-3/4"DBL.FEM.IPT/GHT
85	105800	NIPPLE,GARDEN HOSE-3/4"MALE GHT.FEM.IPT.
86	106230	CLAMP,PIPE REPAIR,SS-3"X 12",3 BOLT
87	106231	CLAMP,PIPE REPAIR,SS-3X18",1"TAP,SS BLTS
88	106232	CLAMP,PIPE REPAIR,SS-4"X20"1"TAP,SS BLTS
89	106233	CLAMP,PIPE REPAIR,SS-6"X16"1"TAP,SS BLTS
90	109210	OAKUM,TARRED,PLUMBERS,5 LB.
91	112343	PASTE,TEFLON,PIPE JOINT,LACO SLIC,1 PINT
92	112346	TAPE,TEFLON,THREAD SEALER,1/2IN.X520IN.
93	112347	TAPE,TEFLON,THREAD SEALER,3/4IN.X520IN.
94	112348	TAPE,TEFLON,THREAD SEALER,1 IN.X 520 IN.
95	114394	GASKET,RUBBER,CARRIER #16JA-018-1044
96	114395	GASKET,RUBBER,CARRIER #16JA-018-1174
97	114396	GASKET,RUBBER,CARRIER #16JA-024-1044
98	114397	GASKET,RUBBER,CARRIER #16JA-024-1174
99	114398	GASKET,RUBBER,CARRIER #16JA-010-1044
100	114399	GASKET,RUBBER,CARRIER #16JA-010-1174
101	114846	ADAPTER,CAM-LOCK,A-ADAPTER X 1-1/2"FPT
102	114849	COUPLER,CAM-LOCK,C-COUPLER X 1-1/2"HOSE
103	116517	O-RING,COVER,STRAINER,HAYWARD #ST506Z5B

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP C: VALVES**

Item	MM #	Description
1	105934	VALVE,CHK,SUMP PUMP,VERTIN-LINE,1-1/2"
2	105956	STRAINER,WYE,1/2",CI,SS.SCREEN,250LB,THR
3	105957	STRAINER,WYE,3/4",CI,SS.SCREEN,250LB,THR
4	105958	STRAINER,WYE,1",CI,SS.SCREEN,250LB,THRD
5	105959	STRAINER,WYE,1-1/4",CI,SS.SCRN,250LB,THR
6	105961	STRAINER,WYE,2",CI,SS.SCREEN,250LB,THRD
7	105986	STRAINER,LINE,Y,3/4"SCREW,SARCO TYPE CT
8	105988	STRAINER,LINE,Y,1"SCREW,SARCO TYPE CT
9	105994	BASKET,STRAINER,SS,F/DBL BSKT,HAYWARD#50
10	106290	TRAP,STEAM,3/4",#800,20PSI
11	106293	TRAP,STEAM,3/4",ARMSTRONG#800,150PSI
12	106294	TRAP,STEAM,3/4",#811,30PSI
13	106394	VACUUM BREAKER,BRASS,PLAIN,1-1/2"
14	106396	VALVE,BALL,BRNZ,SCREW,FULL PORT-1/4"
15	106397	VALVE,BALL,BRNZ,SCREW,FULL PORT-3/8"
16	106398	VALVE,BALL,BRNZ,SCREW,FULL PORT-1/2"
17	106399	VALVE,BALL,BRNZ,SCREW,FULL PORT-3/4"
18	106400	VALVE,BALL,BRNZ,SCREW,FULL PORT-1"
19	106401	VALVE,BALL,BRNZ,SCREW,FULL PORT-1-1/4"
20	106402	VALVE,BALL,BRNZ,SCREW,FULL PORT-1-1/2"
21	106403	VALVE,BALL,BRNZ,SCREW,FULL PORT-2"
22	106414	VALVE,BALL,316 SS,2000 PSI.WOG,1/4"
23	106415	VALVE,BALL,316 SS,2000 PSI.WOG,1/2"
24	106416	VALVE,BALL,316 SS,2000 PSI. WOG,3/4"
25	106417	VALVE,BALL,316 SS,2000 PSI. WOG,1"
26	106421	VALVE,ANGLE,BRNZ,125LB,1/2"
27	106422	VALVE,ANGLE,BRNZ,125LB,3/4"
28	106423	VALVE,ANGLE,BRNZ,125LB,1"
29	106429	VALVE,CHECK,HORIZ,125LB,1/4"
30	106440	VALVE,CHECK SWING,HORIZ-1/2"125LB,THRD
31	106442	VALVE,CHECK SWING,HORIZ,3/4",200LB,BRNZ
32	106443	VALVE,CHECK SWING,HORIZ-3/4"125LB,THRD
33	106445	VALVE,CHECK SWING,HORIZ,1",200 LB,BRNZ.
34	106446	VALVE,CHECK SWING,HORIZ-1"125LB,THRD
35	106448	VALVE,CHECK SWING,HORIZ-1-1/4"200LB,BRNZ
36	106449	VALVE,CHECK SWING,HORIZ-1-1/4"125LB,THRD
37	106451	VALVE,CHECK SWING,HORIZ-1-1/2"200LB,BRNZ
38	106452	VALVE,CHECK SWING,HORIZ-1-1/2"125LB,THRD
39	106454	VALVE,CHECK SWING,HORIZ,2",200 LB,BRNZ.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP C: VALVES**

40	106455	VALVE,CHECK SWING,HORIZ-2"125LB,THRD
41	106457	VALVE,CHECK SWING,HORIZ-2-1/2"125LB,FLNG
42	106459	VALVE,CHECK SWING,HORIZ,3",125 LB,FLNGD.
43	106460	VALVE,CHECK SWING,HORIZ,4",125 LB,FLNGD.
44	106461	VALVE,CHECK SWING,HORIZ,4",12-7/8"F TO F
45	106462	VALVE,CHECK SWING,HORIZ,6",125 LB,FLNGD.
46	106463	VALVE,CHECK SWING,HORIZ.,6",14" F TO F
47	106466	VALVE,CHECK VERTICAL,1-1/4"
48	106467	VALVE,CHECK VERTICAL,1-1/2"
49	106468	VALVE,CHECK VERTICAL,2"
50	106500	VALVE,GATE,SOLDER,BRNZ,3/4",150LB
51	106502	VALVE,GATE,SOLDER,BRNZ,1",150LB
52	106512	VALVE,GATE,2-1/2",125 LB,FLNGD,RSNG.STM
53	106515	VALVE,GATE,3",125 LB,FLNGD,RSNG.STM
54	106516	VALVE,GATE-4"FERROSTL,125LB,FLNG,NRSGSTM
55	106517	VALVE,GATE,4",125 LB,FLNGD,RSNG.STM
56	106518	VALVE,GATE,6",125 LB,FLNGD,RSNG.STM
57	106519	VALVE,GATE,8",125 LB,FLNGD,RSNG.STM
58	106520	VALVE,GATE,10",125 LB,FLNGD,RSNG.STM
59	106521	VALVE,GATE,12",125 LB,FLNGD,RSNG.STM
60	106525	VALVE,GLOBE,BRNZ,125 LB, 1/2", S.E.
61	106526	VALVE,GLOBE,BRNZ,125LB-3/4"S.E.
62	106527	VALVE,GLOBE,BRNZ,125LB,1",SE
63	106529	VALVE,GLOBE,BRNZ,125 LB, 1-1/2", S.E.
64	106530	VALVE,GLOBE,BRNZ,125LB,2",SE
65	106533	VALVE,GLOBE,FLANGED,BRNZ,125LB,3"
66	106540	VALVE,PLUG,6",C.I.175LB,W/HAND OPERATOR
67	106541	VALVE,PLUG,8",C.I.,175LB
68	106542	VALVE,SOLENOID,1/2",110-120V,#8210G2
69	106555	VALVE,SOLENOID,1/2",110-120V,#EF8210G94
70	106566	VALVE,RADIATOR ANGLE,STEAM,3/4"
71	106580	VALVE,REG/PRESS,REDU,3/4" WATER
72	114316	VALVE,RADIATOR,STRAIGHT,MODEL RA2000,1"
73	114422	VALVE,CHECK,3/4",CONBRACO#61-104-01,
74	115154	VALVE,SOLENOID,1/4"AUTOMATIC DRAIN VALVE
75	115227	STRAINER,DUPLEX,HAYWARD/EATON,1-1/2"
76	115585	VALVE,GATE,4-BOLT,IRON,4",CLOW #F-5065
77	115704	VALVE,RELIEF,3/4",T&P,120LB/210 DEG
78	115713	STRAINER,WYE,REPLACEMENT SCREEN,#4385K44
79	115864	VALVE,GATE,1/4",BRNZ,150LB,S.E.SLD.WDG

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP C: VALVES**

80	115865	VALVE,GATE,3/8",BRNZ,150LB,S.E.SLD.WDG
81	115866	VALVE,GATE,1/2",BRNZ,150LB,S.E.SLD.WDG
82	115867	VALVE,GATE,3/4",BRNZ,150LB,S.E.SLD.WDG
83	115868	VALVE,GATE,1",BRNZ,150LB,S.E.SLD.WDG
84	115869	VALVE,GATE,1-1/4",BRNZ,150LB,S.E.SLD.WDG
85	115870	VALVE,GATE,1-1/2",BRNZ,150LB,S.E.SLD.WDG
86	115871	VALVE,GATE,2",BRNZ,150LB,S.E.SLD.WDG
87	115872	VALVE,GATE,2-1/2",BRNZ,150LB,S.E.SLD.WDG
88	115873	VALVE,GATE,3",BRNZ,150LB,S.E.SLD.WDG
89	116213	VALVE,GATE,1",SCREWED,CRANE#3607-XU
90	116225	VALVE,GATE,1-1/4",SCREWED,VOGT#THD13111
91	116604	VALVE,CHECK,3/4",800LBS,VOGT
92	116646	VALVE,BALL,4",JAMESBURY#47150-312236XTZ1
93	117264	VALVE,GATE,3/4",STEEL,1975 PSI,100 DEG.F
94	117271	VALVE-BALL,2",JAMESBURY #M2CA02AP
95	118034	VALVE,CHECK,3/4",LF BRASS,BALL-CONE
96	118035	VALVE,RELIEF,LF,3/4",T&P,120LB/210 DEG

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

Item	MM #	Description
1	104481	BUSHING,HEX,RED,GALV-1/4 X 1/8 IN.
2	104482	BUSHING,HEX,RED,GALV-3/8 X 1/8 IN.
3	104483	BUSHING,HEX,RED,GALV-3/8 X 1/4 IN.
4	104484	BUSHING,HEX,RED,GALV-1/2 X 1/8 IN.
5	104485	BUSHING,HEX,RED,GALV-1/2 X 1/4 IN.
6	104486	BUSHING,HEX,RED,GALV-1/2 X 3/8 IN.
7	104488	BUSHING,HEX,RED,GALV-3/4 X 1/4 IN.
8	104489	BUSHING,HEX,RED,GALV-3/4 X 3/8 IN.
9	104490	BUSHING,HEX,RED,GALV-3/4 X 1/2 IN.
10	104492	BUSHING,HEX,RED,GALV-1 X 1/4 IN.
11	104493	BUSHING,HEX,RED,GALV-1 X 3/8 IN.
12	104494	BUSHING,HEX,RED,GALV-1 X 1/2 IN.
13	104495	BUSHING,HEX,RED,GALV-1 X 3/4 IN.
14	104496	BUSHING,HEX,RED,GALV-1-1/4 X 1/4 IN.
15	104498	BUSHING,HEX,RED,GALV-1-1/4 X 1/2 IN.
16	104499	BUSHING,HEX,RED,GALV-1-1/4 X 3/4 IN.
17	104500	BUSHING,HEX,RED,GALV-1-1/4 X 1 IN.
18	104501	BUSHING,HEX,RED,GALV-1-1/2 X 1/4 IN.
19	104503	BUSHING,HEX,RED,GALV-1-1/2 X 1/2 IN.
20	104504	BUSHING,HEX,RED,GALV-1-1/2 X 3/4 IN.
21	104505	BUSHING,HEX,RED,GALV-1-1/2 X 1 IN.
22	104506	BUSHING,HEX,RED,GALV-1-1/2 X 1-1/4 IN.
23	104507	BUSHING,HEX,RED,GALV-2 X 1/4 IN.
24	104508	BUSHING,HEX,RED,GALV-2 X 1/2 IN.
25	104509	BUSHING,HEX,RED,GALV-2 X 3/4 IN.
26	104510	BUSHING,HEX,RED,GALV-2 X 1 IN.
27	104511	BUSHING,HEX,RED,GALV-2 X 1-1/4 IN.
28	104512	BUSHING,HEX,RED,GALV-2 X 1-1/2 IN.
29	104517	BUSHING,HEX,RED,GALV-2-1/2 X 1-1/2 IN.
30	104518	BUSHING,HEX,RED,GALV-2-1/2 X 2 IN.
31	104521	BUSHING,HEX,RED,GALV-3 X 1-1/2 IN.
32	104522	BUSHING,HEX,RED,GALV-3 X 2 IN.
33	104523	BUSHING,HEX,RED,GALV-3 X 2-1/2 IN.
34	104527	BUSHING,HEX,RED,GALV-4 X 1-1/2 IN.
35	104529	BUSHING,HEX,RED,GALV-4 X 2-1/2 IN.
36	104530	BUSHING,HEX,RED,GALV-4 X 3 IN.
37	104590	CAPS,PIPE,STEEL,GALV-1/8 IN.
38	104591	CAPS,PIPE,STEEL,GALV-1/4 IN.
39	104592	CAPS,PIPE,STEEL,GALV-3/8 IN.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

40	104593	CAPS,PIPE,STEEL,GALV-1/2 IN.
41	104594	CAPS,PIPE,STEEL,GALV-3/4 IN.
42	104595	CAPS,PIPE,STEEL,GALV-1 IN.
43	104596	CAPS,PIPE,STEEL,GALV-1-1/4 IN.
44	104597	CAPS,PIPE,STEEL,GALV-1-1/2 IN.
45	104598	CAPS,PIPE,STEEL,GALV-2 IN.
46	104599	CAPS,PIPE,STEEL,GALV-2-1/2 IN.
47	104600	CAPS,PIPE,STEEL,GALV-3 IN.,THREADED
48	104602	CAPS,PIPE,STEEL,GALV-4 IN.
49	104854	COUPLINGS,GALVANIZED STEEL-1/8 IN.
50	104855	COUPLINGS,GALVANIZED STEEL-1/4 IN.
51	104856	COUPLINGS,GALVANIZED STEEL-3/8 IN.
52	104857	COUPLINGS,GALVANIZED STEEL-1/2 IN.
53	104858	COUPLINGS,GALVANIZED STEEL-3/4 IN.
54	104859	COUPLINGS,GALVANIZED STEEL-1 IN.
55	104860	COUPLINGS,GALVANIZED STEEL-1 1/4 IN.
56	104861	COUPLINGS,GALVANIZED STEEL-1 1/2 IN.
57	104862	COUPLINGS,GALVANIZED STEEL-2 IN.
58	104863	COUPLINGS,GALVANIZED STEEL-2-1/2 IN.
59	104864	COUPLINGS,GALVANIZED STEEL-3 IN.
60	104865	COUPLINGS,GALVANIZED STEEL-4 IN.
61	105140	ELBOW,90DEG,REDU,STL,GALV-1/2 X 3/8"
62	105141	ELBOW,90DEG,REDU,STL,GALV-3/4 X 1/4"
63	105143	ELBOW,90DEG,REDU,STL,GALV-3/4 X 1/2"
64	105144	ELBOW,90DEG,REDU,STL,GALV-1 X 1/2"
65	105145	ELBOW,90DEG,REDU,STL,GALV-1 X 3/4"
66	105151	ELBOW,90DEG,REDU,STL,GALV-1-1/2 X 3/4"
67	105152	ELBOW,90DEG,REDU,STL,GALV-1-1/2 X 1"
68	105153	ELBOW,90DEG,REDU,STL,GALV-1-1/2 X 1-1/4"
69	105156	ELBOW,90DEG,REDU,STL,GALV-2 X 1-1/4"
70	105157	ELBOW,90DEG,REDU,STL,GALV-2 X 1-1/2"
71	105559	NIPPLE,GALV,1/8"X BUTT,SCH40
72	105560	NIPPLE,GALV-1/8" X 3/4" X CLOSE
73	105563	NIPPLE,GALV., 1/8" X 1-1/2"
74	105564	NIPPLE,GALV., 1/8" X 2"
75	105565	NIPPLE,GALV., 1/8" X 2-1/2"
76	105566	NIPPLE,GALV., 1/8" X 3"
77	105567	NIPPLE,GALV-1/8" X 3-1/2"
78	105568	NIPPLE,GALV-1/8" X 4"
79	105569	NIPPLE,GALV-1/8" X 4-1/2"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

80	105570	NIPPLE,GALV-1/8" X 5"
81	105571	NIPPLE,GALV-1/8" X 5-1/2"
82	105572	NIPPLE,GALV., 1/8" X 6"
83	105574	NIPPLE,GALV., 1/4" X 1" X CLOSE
84	105575	NIPPLE,GALV., 1/4" X 1-1/4"
85	105576	NIPPLE,GALV., 1/4" X 1-1/2"
86	105577	NIPPLE,GALV., 1/4" x 2"
87	105578	NIPPLE,GALV., 1/4" x 2-1/2"
88	105579	NIPPLE,GALV., 1/4" x 3"
89	105580	NIPPLE,GALV., 1/4" X 3-1/2"
90	105581	NIPPLE,GALV., 1/4" X 4"
91	105582	NIPPLE,GALV., 1/4" X 4-1/2"
92	105583	NIPPLE,GALV., 1/4" X 5"
93	105584	NIPPLE,GALV., 1/4" X 5-1/2"
94	105585	NIPPLE,GALV., 1/4" X 6"
95	105586	NIPPLE,GALV., 3/8" X BUTT
96	105587	NIPPLE,GALV., 3/8" X CLOSE
97	105588	NIPPLE,GALV., 3/8" X 1-1/2"
98	105589	NIPPLE,GALV., 3/8" X 2"
99	105590	NIPPLE,GALV., 3/8" X 2-1/2"
100	105591	NIPPLE,GALV., 3/8" X 3"
101	105592	NIPPLE,GALV., 3/8" X 3-1/2"
102	105593	NIPPLE,GALV., 3/8" X 4"
103	105594	NIPPLE,GALV., 3/8" X 4-1/2"
104	105595	NIPPLE,GALV., 3/8" X 5"
105	105596	NIPPLE,GALV., 3/8" X 5-1/2"
106	105597	NIPPLE,GALV., 3/8" X 6"
107	105598	NIPPLE,GALV., 1/2" X BUTT
108	105599	NIPPLE,GALV., 1/2" X 1-1/8" X CLOSE
109	105600	NIPPLE,GALV., 1/2" X 1-1/2"
110	105601	NIPPLE,GALV., 1/2" X 2"
111	105602	NIPPLE,GALV., 1/2" X 2-1/2"
112	105603	NIPPLE,GALV., 1/2" X 3"
113	105604	NIPPLE,GALV., 1/2" X 3-1/2"
114	105605	NIPPLE,GALV., 1/2" X 4"
115	105606	NIPPLE,GALV., 1/2" X 4-1/2"
116	105607	NIPPLE,GALV., 1/2" X 5"
117	105608	NIPPLE,GALV., 1/2" X 5-1/2"
118	105609	NIPPLE,GALV., 1/2" X 6"
119	105610	NIPPLE,GALV., 3/4" X BUTT

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

120	105611	NIPPLE,GALV., 3/4" X 1-3/8" X CLOSE
121	105612	NIPPLE,GALV., 3/4" X 1-1/2"
122	105613	NIPPLE,GALV., 3/4" X 2"
123	105614	NIPPLE,GALV., 3/4" X 2-1/2"
124	105615	NIPPLE,GALV., 3/4" X 3"
125	105616	NIPPLE,GALV., 3/4" X 3-1/2"
126	105617	NIPPLE,GALV., 3/4" X 4"
127	105618	NIPPLE,GALV., 3/4" X 4-1/2"
128	105619	NIPPLE,GALV., 3/4" X 5"
129	105620	NIPPLE,GALV., 3/4" X 5-1/2"
130	105621	NIPPLE,GALV., 3/4" X 6"
131	105623	NIPPLE,GALV-1" X BUTT
132	105624	NIPPLE,GALV-1" X 1-1/2" X CLOSE
133	105625	NIPPLE,GALV-1" X 2"
134	105626	NIPPLE,GALV-1" X 2-1/2"
135	105627	NIPPLE,GALV-1" x 3"
136	105628	NIPPLE,GALV-1" x 3-1/2"
137	105629	NIPPLE,GALV-1" x 4"
138	105630	NIPPLE,GALV-1" x 4-1/2"
139	105631	NIPPLE,GALV-1" x 5"
140	105632	NIPPLE,GALV-1" x 5-1/2"
141	105633	NIPPLE,GALV-1" x 6"
142	105634	NIPPLE,GALV., 1-1/4" X BUTT
143	105635	NIPPLE,GALV-1-1/4" X 1-5/8" CLOSE
144	105636	NIPPLE,GALV-1-1/4" X 2"
145	105637	NIPPLE,GALV., 1-1/4" X 2-1/2"
146	105638	NIPPLE,GALV-1-1/4" X 3"
147	105639	NIPPLE,GALV-1-1/4" X 3-1/2"
148	105640	NIPPLE,GALV-1-1/4" X 4"
149	105641	NIPPLE,GALV-1-1/4" X 4-1/2"
150	105642	NIPPLE,GALV-1-1/4" X 5"
151	105643	NIPPLE,GALV-1-1/4" X 5-1/2"
152	105644	NIPPLE,GALV-1-1/4" X 6"
153	105645	NIPPLE,GALV., 1-1/2" X BUTT
154	105646	NIPPLE,GALV., 1-1/2" X CLOSE
155	105647	NIPPLE,GALV-1-1/2" X 2"
156	105648	NIPPLE,GALV-1-1/2" X 2-1/2"
157	105649	NIPPLE,GALV-1-1/2" X 3"
158	105650	NIPPLE,GALV-1-1/2" X 3-1/2"
159	105651	NIPPLE,GALV-1-1/2" X 4"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

160	105652	NIPPLE,GALV-1-1/2"X 4-1/2"
161	105653	NIPPLE,GALV-1-1/2"X 5"
162	105654	NIPPLE,GALV-1-1/2"X 5-1/2"
163	105655	NIPPLE,GALV-1-1/2"X 6"
164	105656	NIPPLE,GALV-2"X BUTT
165	105657	NIPPLE,GALV-2"X 2"X CLOSE
166	105658	NIPPLE,GALV-2"X 2-1/2"
167	105659	NIPPLE,GALV-2"X 3"
168	105660	NIPPLE,GALV-2"X 3-1/2"
169	105661	NIPPLE,GALV-2"X 4"
170	105662	NIPPLE,GALV-2"X 4-1/2"
171	105663	NIPPLE,GALV-2"X 5"
172	105664	NIPPLE,GALV-2"X 5-1/2"
173	105665	NIPPLE,GALV-2"X 6"
174	105667	NIPPLE,GALV,2-1/2"X CLOSE,SCH40
175	105681	NIPPLE,GALV-3"x 2-5/8"x CLOSE
176	105682	NIPPLE,GALV-3"X 3"
177	105683	NIPPLE,GALV-3"X 3-1/2"
178	105684	NIPPLE,GALV-3"X 4"
179	105685	NIPPLE,GALV-3"X 4-1/2"
180	105686	NIPPLE,GALV-3"X 5"
181	105687	NIPPLE,GALV-3"X 5-1/2"
182	105688	NIPPLE,GALV-3"X 6"
183	105691	NIPPLE,GALV-3"X 7-1/2"
184	105694	NIPPLE,GALV-3"X 10"
185	105698	NIPPLE,GALV-4"X 1"X BUTT
186	105700	NIPPLE,GALV-4"X 4"X SHORT
187	105701	NIPPLE,GALV-4"X 3-1/2"
188	105702	NIPPLE,GALV-4"X 4-1/2"
189	105703	NIPPLE,GALV-4"X 5"
190	105704	NIPPLE,GALV-4"X 6"
191	105705	NIPPLE,GALV-4"X 6-1/2"
192	105706	NIPPLE,GALV-4"X 7"
193	105707	NIPPLE,GALV-4"X 8"
194	105709	NIPPLE,GALV-4"X 12"
195	105714	NIPPLE,GALV-6"X 6"
196	105805	LOCKNUT,PIPE,GALVANIZED,HEX,1/4"
197	105915	PLUG,PIPE,GALV,SQ.HD,SOLID-1/8"
198	105916	PLUG,PIPE,GALV,SQ.HD,SOLID-1/4"
199	105917	PLUG,PIPE,GALV,SQ.HD,SOLID-3/8"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP D: GALVANIZED FITTINGS**

200	105918	PLUG,PIPE,GALV,SQ.HD,SOLID-1/2"
201	105919	PLUG,PIPE,GALV,SQ.HD,SOLID-3/4"
202	105920	PLUG,PIPE,GALV,SQ.HD,SOLID-1"
203	105921	PLUG,PIPE,GALV,SQ.HD,SOLID-1-1/4"
204	105922	PLUG,PIPE,GALV,SQ.HD,SOLID-1-1/2"
205	105923	PLUG,PIPE,GALV,SQ.HD,SOLID-2"
206	105924	PLUG,PIPE,GALV,SQ.HD,SOLID-2-1/2"
207	105925	PLUG,PIPE,GALV,SQ.HD,SOLID-3"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP E: MALLEABLE IRON FITTINGS**

Item	MM #	Description
1	104798	COUPLING,PIPE,REDU,M.I.GALV-1/4" X 1/8"
2	104799	COUPLING,PIPE,REDU,M.I.GALV-3/8" X 1/8"
3	104800	COUPLING,PIPE,REDU,M.I.GALV-3/8" X 1/4"
4	104802	COUPLING,PIPE,REDU,M.I.GALV-1/2" X 1/4"
5	104803	COUPLING,PIPE,REDU,M.I.GALV-1/2" X 3/8"
6	104805	COUPLING,PIPE,REDU,M.I.GALV-3/4" X 1/4"
7	104806	COUPLING,PIPE,REDU,M.I.GALV-3/4" X 3/8"
8	104807	COUPLING,PIPE,REDU,M.I.GALV-3/4" X 1/2"
9	104810	COUPLING,PIPE,REDU,M.I.GALV-1" X 1/2"
10	104811	COUPLING,PIPE,REDU,M.I.GALV-1" X 3/4"
11	104813	COUPLING,PIPE,REDU,M.I.GALV-1-1/4"X 3/4"
12	104814	COUPLING,PIPE,REDU,M.I.GALV-1-1/4" X 1"
13	104816	COUPLING,PIPE,REDU,M.I.GALV-1-1/2"X 1/2"
14	104817	COUPLING,PIPE,REDU,M.I.GALV-1-1/2"X 3/4"
15	104818	COUPLING,PIPE,REDU,M.I.GALV-1-1/2" X 1"
16	104819	COUPLING,PIPE,REDU,M.I.GALV-1-1/2X1-1/4"
17	104823	COUPLING,PIPE,REDU,M.I.GALV-2" X 3/4"
18	104824	COUPLING,PIPE,REDU,M.I.GALV-2" X 1"
19	104825	COUPLING,PIPE,REDU,M.I.GALV-2" X 1-1/4"
20	104826	COUPLING,PIPE,REDU,M.I.GALV-2" X 1-1/2"
21	104829	COUPLING,PIPE,REDU,M.I.GALV-2-1/2X1-1/2"
22	104830	COUPLING,PIPE,REDU,M.I.GALV-2-1/2" X 2"
23	104835	COUPLING,PIPE,REDU,M.I.GALV-3" X 2"
24	104836	COUPLING,PIPE,REDU,M.I.GALV-3" X 2-1/2"
25	104837	COUPLING,PIPE,REDU,M.I.GALV-4" X 2"
26	104838	COUPLING,PIPE,REDU,M.I.GALV-4" X 3"
27	104944	CROSS,M.I.150LB,SCREW,GALV-1/4 IN.
28	104946	CROSS,M.I.150LB,SCREW,GALV-1/2 IN.
29	104947	CROSS,M.I.150LB,SCREW,GALV-3/4 IN.
30	104948	CROSS,M.I.150LB,SCREW,GALV-1 IN.
31	104949	CROSS,M.I.150LB,SCREW,GALV-1-1/4 IN.
32	104950	CROSS,M.I.150LB,SCREW,GALV-1-1/2 IN.
33	104951	CROSS,M.I.150LB,SCREW,GALV-2 IN.
34	105062	ELBOW,45 DEG,MALL,GALV,SCREW-1/8 IN.
35	105063	ELBOW,45 DEG,MALL,GALV,SCREW-1/4 IN.
36	105064	ELBOW,45 DEG,MALL,GALV,SCREW-3/8 IN.
37	105065	ELBOW,45 DEG,MALL,GALV,SCREW-1/2 IN.
38	105066	ELBOW,45 DEG,MALL,GALV,SCREW-3/4 IN.
39	105067	ELBOW,45 DEG,MALL,GALV,SCREW-1 IN.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP E: MALLEABLE IRON FITTINGS**

40	105068	ELBOW,45 DEG,MALL,GALV,SCREW-1-1/4 IN.
41	105069	ELBOW,45 DEG,MALL,GALV,SCREW-1-1/2 IN.
42	105070	ELBOW,45 DEG,MALL,GALV,SCREW-2 IN.
43	105071	ELBOW,45 DEG,MALL,GALV,SCREW-2-1/2 IN.
44	105072	ELBOW,45 DEG,MALL,GALV,SCREW-3 IN.
45	105073	ELBOW,45 DEG,MALL,GALV,SCREW-4 IN.
46	105075	ELBOW,90 DEG,MALL,GALV,SCREW-1/8 IN.
47	105076	ELBOW,90 DEG,MALL,GALV,SCREW-1/4 IN.
48	105077	ELBOW,90 DEG,MALL,GALV,SCREW-3/8 IN.
49	105078	ELBOW,90 DEG,MALL,GALV,SCREW-1/2 IN.
50	105079	ELBOW,90 DEG,MALL,GALV,SCREW-3/4 IN.
51	105080	ELBOW,90 DEG,MALL,GALV,SCREW-1 IN.
52	105081	ELBOW,90 DEG,MALL,GALV,SCREW-1-1/4 IN.
53	105082	ELBOW,90 DEG,MALL,GALV,SCREW-1-1/2 IN.
54	105083	ELBOW,90 DEG,MALL,GALV,SCREW-2 IN.
55	105084	ELBOW,90 DEG,MALL,GALV,SCREW-2-1/2 IN.
56	105085	ELBOW,90 DEG,MALL,GALV,SCREW-3 IN.
57	105086	ELBOW,90 DEG,MALL,GALV,SCREW-4 IN.
58	105087	ELBOW,45DEG,STREET,MALL,GALV,SCRW-1/8"
59	105088	ELBOW,45DEG,STREET,MALL,GALV,SCRW-1/4"
60	105089	ELBOW,45DEG,STREET,MALL,GALV,SCRW-3/8"
61	105090	ELBOW,45DEG,STREET,MALL,GALV,SCRW-1/2"
62	105091	ELBOW,45DEG,STREET,MALL,GALV,SCRW-3/4"
63	105092	ELBOW,45DEG,STREET,MALL,GALV,SCRW-1"
64	105094	ELBOW,45DEG,STREET,MALL,GALV,SCRW-1-1/2"
65	105098	ELBOW,90DEG,STREET,MALL,GALV,SCRW-1/8"
66	105099	ELBOW,90DEG,STREET,MALL,GALV,SCRW-1/4"
67	105100	ELBOW,90DEG,STREET,MALL,GALV,SCRW-3/8"
68	105101	ELBOW,90DEG,STREET,MALL,GALV,SCRW-1/2"
69	105102	ELBOW,90DEG,STREET,MALL,GALV,SCRW-3/4"
70	105103	ELBOW,90DEG,STREET,MALL,GALV,SCRW-1"
71	105105	ELBOW,90DEG,STREET,MALL,GALV,SCRW-1-1/2"
72	105106	ELBOW,90DEG,STREET,MALL,GALV,SCRW-2"
73	105366	FLANGE,FLOOR,MALL,GALV,1/2"
74	105367	FLANGE,FLOOR,MALL,GALV,3/4"
75	105368	FLANGE,FLOOR,MALL,GALV,1"
76	105369	FLANGE,FLOOR,MALL,GALV,1-1/4"
77	105370	FLANGE,FLOOR,MALL,GALV,1-1/2"
78	105371	FLANGE,FLOOR,MALL,GALV,2"
79	106113	TEE,REDU,MI,GALV,3/4"X 3/4"X 1/4"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP E: MALLEABLE IRON FITTINGS**

80	106114	TEE,REDU,MI,GALV,3/4"X 3/4"X 3/8"
81	106115	TEE,MI,GALV,REDU-3/4"X 3/4"X 1/2"
82	106116	TEE,MI,GALV,REDU-1"X 1"X 1/4"
83	106119	TEE,MI,GALV,REDU-1"X 1"X 1/2"
84	106120	TEE,MI,GALV,REDU-1"X 1"X 3/4"
85	106124	TEE,MI,GALV,REDU-1-1/4"X 1-1/4"X 3/4"
86	106125	TEE,MI,GALV,REDU-1-1/4"X 1-1/4"X 1"
87	106128	TEE,MI,GALV,REDU-1-1/2"X 1-1/2"X 1/2"
88	106129	TEE,MI,GALV,REDU-1-1/2"X 1-1/2"X 3/4"
89	106130	TEE,MI,GALV,REDU-1-1/2"X 1-1/2"X 1"
90	106131	TEE,REDU,MI,GALV,1-1/2"X 1-1/2"X 1-1/4"
91	106133	TEE,MI,GALV,REDU-2"X 2"X 1/2"
92	106134	TEE,MI,GALV,REDU-2"X 2"X 3/4"
93	106135	TEE,MI,GALV,REDU-2"X 2"X 1"
94	106136	TEE,MI,GALV,REDU-2"X 2"X 1-1/4"
95	106139	TEE,MI,GALV,REDU-2"X 2"X 1-1/2"
96	106149	TEE,MI,GALV,REDU-3"X 3"X 2"
97	106153	TEE,MI,GALV,PIPE-1/8"
98	106154	TEE,MI,GALV,PIPE-1/4"
99	106155	TEE,MI,GALV,PIPE-3/8"
100	106156	TEE,MI,GALV,PIPE-1/2"
101	106157	TEE,MI,GALV,PIPE-3/4"
102	106158	TEE,MI,GALV,PIPE-1"
103	106159	TEE,MI,GALV,PIPE-1-1/4"
104	106160	TEE,MI,GALV,PIPE-1-1/2"
105	106161	TEE,MI,GALV,PIPE-2"
106	106163	TEE,MI,GALV,PIPE-3"
107	106164	TEE,MI,GALV,PIPE-4"
108	106329	UNION,MI,GALV,150#1/8"
109	106330	UNION,GALV,MI-1/4"
110	106331	UNION,GALV,MI-3/8"
111	106332	UNION,GALV,MI-1/2"
112	106333	UNION,GALV,MI-3/4"
113	106334	UNION,GALV,MI-1"
114	106335	UNION,GALV,MI-1-1/4"
115	106336	UNION,GALV,MI-1-1/2"
116	106337	UNION,GALV,MI-2"
117	106338	UNION,GALV,MI-2-1/2"
118	106339	UNION,GALV,MI-3"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP F: STAINLESS STEEL FITTINGS**

Item	MM #	Description
1	104532	BUSHING,HEX,RED,S.S.-3/4 X 1/2 IN.
2	104533	BUSHING,HEX,RED,S.S.-1 X 3/4 IN.
3	104603	CAPS,PIPE,STAINLESS STEEL-1/4 IN.
4	104604	CAPS,PIPE,STAINLESS STEEL-1/2 IN.
5	104605	CAPS,PIPE,STAINLESS STEEL-3/4 IN.
6	104606	CAPS,PIPE,STAINLESS STEEL-1 IN.
7	104839	COUPLING,S.S.REDUCING-1/2" X 1/4"
8	104840	COUPLING,S.S.REDUCING-3/4" X 1/2"
9	104841	COUPLING,S.S.REDUCING-1" X 3/4"
10	104867	COUPLINGS,STAINLESS STEEL,TYPE 304-1/4"
11	104868	COUPLINGS,STAINLESS STEEL,TYPE 304-1/2"
12	104869	COUPLINGS,STAINLESS STEEL,TYPE 304-3/4"
13	104870	COUPLINGS,STAINLESS STEEL,TYPE 304-1"
14	105231	ELBOW,45 DEG,S.S.TYPE 304-1/4 IN.
15	105232	ELBOW,45 DEG,S.S.TYPE 304-1/2 IN.
16	105233	ELBOW,45 DEG,S.S.TYPE 304-3/4 IN.
17	105234	ELBOW,45 DEG,S.S.TYPE 304-1 IN.
18	105235	ELBOW,90 DEG,S.S.TYPE 304-1/4 IN.
19	105236	ELBOW,90 DEG,S.S.TYPE 304-1/2 IN.
20	105237	ELBOW,90 DEG,S.S.TYPE 304-3/4 IN.
21	105238	ELBOW,90 DEG,S.S.TYPE 304-1 IN.
22	105523	NIPPLE,SS,TYPE 304-1/8"X 3"
23	105527	NIPPLE,SS,TYPE 304-1/4"X 1"X CLOSE
24	105528	NIPPLE,SS,TYPE 304-1/4"X 1-1/2"
25	105529	NIPPLE,SS,TYPE 304-1/4"X 2"
26	105530	NIPPLE,SS,TYPE 304-1/4"X 2-1/2"
27	105531	NIPPLE,SS,TYPE 304-1/4"X 3"
28	105532	NIPPLE,SS,TYPE 304-1/4"X 3-1/2"
29	105533	NIPPLE,SS,TYPE 304-1/4"X 4"
30	105534	NIPPLE,SS,TYPE 304-1/4"X 4-1/2"
31	105535	NIPPLE,SS,TYPE 304-1/4"X 5"
32	105536	NIPPLE,SS,TYPE 304-1/4"X 5-1/2"
33	105537	NIPPLE,SS,TYPE 304-1/4"X 6"
34	105538	NIPPLE,SS,TYPE 304-1/2"X 1-1/8"
35	105539	NIPPLE,SS,TYPE 304-1/2"X 1-1/2"
36	105540	NIPPLE,SS,TYPE 304-1/2"X 2"
37	105541	NIPPLE,SS,TYPE 304-1/2"X 2-1/2"
38	105542	NIPPLE,SS,TYPE 304-1/2"X 3"
39	105543	NIPPLE,SS,TYPE 304-1/2"X 3-1/2"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP F: STAINLESS STEEL FITTINGS**

40	105544	NIPPLE,SS,TYPE 304-1/2"X 4"
41	105545	NIPPLE,SS,TYPE 304-1/2"X 4-1/2"
42	105546	NIPPLE,SS,TYPE 304-1/2"X 5"
43	105547	NIPPLE,SS,TYPE 304-1/2"X 6"
44	105548	NIPPLE,SS,TYPE 304-3/4"X 1-3/8"
45	105549	NIPPLE,SS,TYPE 304-3/4"X 2"
46	105550	NIPPLE,SS,TYPE 304-3/4"X 2-1/2"
47	105551	NIPPLE,SS,TYPE 304-3/4"X 3"
48	105552	NIPPLE,SS,TYPE 304-3/4"X 3-1/2"
49	105553	NIPPLE,SS,TYPE 304-3/4"X 5"
50	105554	NIPPLE,SS,TYPE 304-3/4"X 6"
51	105555	NIPPLE,SS,TYPE 304-1"X CLOSE
52	105556	NIPPLE,SS,TYPE 304-1"X 4"
53	105557	NIPPLE,SS,TYPE 304-1"X 5"
54	105558	NIPPLE,SS,TYPE 304-1"X 6"
55	105928	PLUG,HEX HD,SS,1/4"
56	105929	PLUG,HEX HD,SS,1/2"
57	105930	PLUG,HEX HD,SS,3/4"
58	105931	PLUG,HEX HD,SS,1"
59	106200	TEE,STAINLESS STEEL,TYPE 304-1/4 IN.
60	106201	TEE,STAINLESS STEEL,TYPE 304-1/2 IN.
61	106202	TEE,STAINLESS STEEL,TYPE 304-3/4 IN.
62	106203	TEE,STAINLESS STEEL,TYPE 304-1 IN.
63	106387	UNION,SS,TYPE 304-1/4"
64	106388	UNION,SS,TYPE 304-1/2"
65	106389	UNION,SS,TYPE 304-3/4"
66	106390	UNION,SS,TYPE 304-1"
67	114489	ELBOW,MALE,90DEG,SS,3/8" X 1/4"
68	114493	ELBOW,MALE,90DEG,SS,1/2"X 1/2"
69	114504	ELBOW,UNION,90DEG,SS,1/4"OD
70	114517	TEE,MALE BRANCH,SS,1/4"X 1/4"
71	114519	TEE,UNION,SS,3/8"OD
72	114520	TEE,UNION,SS,1/2"OD
73	114521	UNION,SS,3/8"OD
74	114522	UNION,SS,1/2"OD
75	114524	UNION,SS,1/4"OD
76	114534	UNION,BULKHEAD,SS,1/4"OD
77	114535	UNION,BULKHEAD,SS,3/8"OD
78	114537	UNION,REDUCING,SS,3/8"X 1/4"OD

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP G: SCHEDULE 40 & 80 FITTINGS**

Item	MM #	Description
1	104547	BUSHING,HEX,EXH,REDU,BLK,1/2"X 1/4"
2	104548	BUSHING,HEX,EXH,REDU,BLK,3/4"X 1/2"
3	104585	CAPS,STEEL,BUTT WELD-3 IN.
4	104586	CAPS,STEEL,BUTT WELD-4 IN.
5	104587	CAPS,STEEL,BUTT WELD-6 IN.
6	104749	COUPLING,COMPR,NO THRD,2"SHORT DRESSER
7	104776	COUPLING,DRESSER-2-1/2"PIPE/3"OD.F/STEEL
8	104778	COUPLING,DRESSER-4"PIPE/4.5"OD.F/STEEL
9	104780	COUPLING,DRESSER,6"PIPE/6625"OD F/STEEL
10	104853	COUPLING,THREAD,STEEL,BLK,XH,2"
11	104932	COUPLING,ALUM,CAM-LOCK,3",2 PART
12	104981	ELBOW,COMPR,BRASS,3/8" TUBE X 1/4" MPT
13	105031	ELBOW,45 DEG,C.I.BLK,SCREW-3/4 IN.
14	105032	ELBOW,90 DEG,C.I.BLK,SCREW-3/4 IN.
15	105033	ELBOW,45 DEG,C.I.BLK,SCREW-1 IN.
16	105034	ELBOW,90 DEG,C.I.BLK,SCREW-1 IN.
17	105036	ELBOW,90 DEG,C.I.BLK,SCREW-1-1/4 IN.
18	105038	ELBOW,90 DEG,C.I.BLK,SCREW-1-1/2 IN.
19	105039	ELBOW,45 DEG,C.I.BLK,SCREW-2 IN.
20	105040	ELBOW,90 DEG,C.I.BLK,SCREW-2 IN.
21	105053	ELBOW,90 DEG,MALL,BLK,SCREW-1/2 IN.
22	105054	ELBOW,90 DEG,MALL,BLK,SCREW-3/4 IN.
23	105164	ELBOW,90DEG,RED,CI,BLK,THRD-3/4 X 1/2"
24	105216	ELBOW,90 DEG,C.I.125LB,FLANGED-4 IN.
25	105220	ELBOW,45 DEG,C.I.125LB,FLANGED-6 IN.
26	105221	ELBOW,90 DEG,C.I.125LB,FLANGED-6 IN.
27	105251	ELBOW,90DEG,BUTTWLD,SCH40-1-1/4"SHRT.RAD
28	105254	ELBOW,90DEG,BUTTWLD,SCH40-1-1/2"LNG.RAD.
29	105255	ELBOW,90DEG,BUTTWLD,SCH40-2"LNG.RAD.
30	105258	ELBOW,90DEG,BUTTWLD,SCH40-2-1/2"SHRT.RAD
31	105259	ELBOW,90DEG,BUTTWLD,SCH40-3"LNG.RAD.
32	105260	ELBOW,45DEG,BUTTWLD,SCH40-3"SHRT.RAD.
33	105261	ELBOW,45DEG,BUTTWLD,SCH40-3"LNG.RAD.
34	105264	ELBOW,90DEG,BUTTWLD,SCH40-4"LNG.RAD
35	105265	ELBOW,90DEG,BUTTWLD,SCH40-4"SHRT.RAD.
36	105266	ELBOW,45DEG,BUTTWLD,SCH40-4"LNG.RAD.
37	105268	ELBOW,45DEG,BUTTWLD,SCH40-6"SHRT.RAD.
38	105269	ELBOW,90DEG,BUTTWLD,SCH40-6"SHRT.RAD.
39	105270	ELBOW,90DEG,BUTTWLD,SCH40-6"LNG.RAD.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP G: SCHEDULE 40 & 80 FITTINGS**

40	105271	ELBOW,90DEG,BUTTWLD,SCH40-8"LNG.RAD.
41	105272	ELBOW,45DEG,BUTTWLD,SCH40-8"
42	105273	ELBOW,90DEG,BUTTWLD,SCH40-8"SHRT.RAD.
43	105274	ELBOW,45DEG,BUTTWLD,SCH40-10"SHRT.RAD.
44	105311	FLANGE,BLIND,6",BLACK,150LB,F/2"PIPE
45	105312	FLANGE,BLIND,7",BLACK,150LB,F/2-1/2"PIPE
46	105314	FLANGE,BLIND,7-1/2",BLACK,150LB,F/3"PIPE
47	105377	FLANGE,THREAD,CI,125LB,2"X 6"
48	105380	FLANGE,THRD-3 X 7-1/2"CI,125LB.
49	105383	FLANGE,THRD-4 X 9"CI,125LB.
50	105719	NIPPLE,BLACK,SCH 80-1/4"X 7/8"
51	105720	NIPPLE,BLACK,SCH 80-1/4"X 1-1/2"
52	105721	NIPPLE,BLACK,SCH 80-1/4"X 2"
53	105723	NIPPLE,BLACK,SCH 80-1/4"X 3"
54	105724	NIPPLE,BLACK,SCH 80-1/4"X 3-1/2"
55	105726	NIPPLE,BLACK,SCH80,3/8"X 1-1/2"
56	105729	NIPPLE,BLACK,SCH 80-3/8"X 3"
57	105731	NIPPLE,BLACK,SCH 80-3/8"X 4"
58	105735	NIPPLE,BLACK,SCH 80-1/2"X 1-1/8"X CLOSE
59	105736	NIPPLE,BLACK,SCH 80-1/2"X 1-1/2"
60	105737	NIPPLE,BLACK,SCH 80-1/2"X 2"
61	105738	NIPPLE,BLACK,SCH 80-1/2"X 2-1/2"
62	105739	NIPPLE,BLACK,SCH 80-1/2"X 3"
63	105740	NIPPLE,BLACK,SCH 80-1/2"X 3-1/2"
64	105741	NIPPLE,BLACK,SCH 80-1/2"X 4"
65	105742	NIPPLE,BLACK,SCH 80-1/2"X 4-1/2"
66	105743	NIPPLE,BLACK,SCH 80-1/2"X 5"
67	105744	NIPPLE,BLACK,SCH 80-1/2"X 5-1/2"
68	105745	NIPPLE,BLACK,SCH 80-1/2"X 6"
69	105746	NIPPLE,BLACK,SCH 80-3/4"X 1-3/8"X CLOSE
70	105747	NIPPLE,BLACK,SCH 80-3/4"X 1-1/2"
71	105748	NIPPLE,BLACK,SCH 80-3/4"X 2"
72	105749	NIPPLE,BLACK,SCH 80-3/4"X 2-1/2"
73	105750	NIPPLE,BLACK,SCH 80-3/4"X 3"
74	105751	NIPPLE,BLACK,SCH 80-3/4"X 3-1/2"
75	105752	NIPPLE,BLACK,SCH 80-3/4"X 4"
76	105753	NIPPLE,BLACK,SCH 80-3/4"X 4-1/2"
77	105754	NIPPLE,BLACK,SCH 80-3/4"X 5"
78	105755	NIPPLE,BLACK,SCH 80-3/4"X 5-1/2"
79	105756	NIPPLE,BLACK,SCH 80-3/4"X 6"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP G: SCHEDULE 40 & 80 FITTINGS**

80	105757	NIPPLE,BLACK,SCH 80-1"X 1-1/2"
81	105758	NIPPLE,BLACK,SCH 80-1"X 2"
82	105759	NIPPLE,BLACK,SCH 80-1"X 2-1/2"
83	105760	NIPPLE,BLACK,SCH 80-1"X 3"
84	105761	NIPPLE,BLACK,SCH 80-1"X 3-1/2"
85	105762	NIPPLE,BLACK,SCH 80-1"X 4"
86	105763	NIPPLE,BLACK,SCH 80-1"X 4-1/2"
87	105764	NIPPLE,BLACK,SCH 80-1"X 5"
88	105765	NIPPLE,BLACK,SCH 80-1"X 5-1/2"
89	105766	NIPPLE,BLACK,SCH 80-1"X 6"
90	105767	NIPPLE,BLACK,SCH 80-1-1/4"X 1-5/8"XCLOSE
91	105768	NIPPLE,BLACK,SCH 80-1-1/4"X 2"
92	105769	NIPPLE,BLACK,SCH 80-1-1/4"X 2-1/2"
93	105770	NIPPLE,BLACK,SCH 80-1-1/4"X 3"
94	105771	NIPPLE,BLACK,SCH 80-1-1/4"X 3-1/2"
95	105772	NIPPLE,BLACK,SCH 80-1-1/4"X 4"
96	105773	NIPPLE,BLACK,SCH 80-1-1/4"X 4-1/2"
97	105774	NIPPLE,BLACK,SCH 80-1-1/4"X 5"
98	105775	NIPPLE,BLACK,SCH 80-1-1/4"X 5-1/2"
99	105776	NIPPLE,BLACK,SCH 80-1-1/4"X 6"
100	105777	NIPPLE,BLACK,SCH 80-1-1/2"X 1-3/4"XCLOSE
101	105778	NIPPLE,BLACK,SCH 80-1-1/2"X 2-1/2"
102	105779	NIPPLE,BLACK,SCH 80-1-1/2"X 3"
103	105780	NIPPLE,BLACK,SCH 80-1-1/2"X 3-1/2"
104	105781	NIPPLE,BLACK,SCH 80-1-1/2"X 4"
105	105782	NIPPLE,BLACK,SCH 80-1-1/2"X 6"
106	105783	NIPPLE,BLACK,SCH 80-2"X 2"X CLOSE
107	105784	NIPPLE,BLACK,SCH 80-2"X 2-1/2"
108	105785	NIPPLE,BLACK,SCH 80-2"X 3"
109	105786	NIPPLE,BLACK,SCH 80-2"X 3-1/2"
110	105787	NIPPLE,BLACK,SCH 80-2"X 4"
111	105788	NIPPLE,BLACK,SCH 80-2"X 4-1/2"
112	105789	NIPPLE,BLACK,SCH 80-2"X 5"
113	105790	NIPPLE,BLACK,SCH 80-2"X 5-1/2"
114	105791	NIPPLE,BLACK,SCH 80-2"X 6"
115	105946	REDUCER,CONCENTRIC,BUTTWELD,4" X 3"
116	105948	REDUCER,CONCENTRIC,BUTTWELD,6" X 4"
117	105974	PLUG,TEST,3",HVY CI,WING NUT TYPE
118	105975	PLUG,TEST,HVY.CI,WING NUT TYPE-4"
119	105977	PLUG,TEST,HVY.CI,WING NUT TYPE-6"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP G: SCHEDULE 40 & 80 FITTINGS**

120	106042	TEE,BLK,MI,PIPE,1/4"
121	106044	TEE,BLK,MI,PIPE,3/4"
122	106045	TEE,BLK,MI,PIPE,1"
123	106047	TEE,BLK,MI,PIPE,2"
124	106052	TEE,CI,3/4"
125	106056	TEE,CI,2"
126	106061	TEE,CI,125LB,1-1/2"
127	106087	TEE,REDU,CI,1-1/4"X 3/4"
128	106094	TEE,REDU,CI,2"X 3/4"
129	106211	TEE,BUTTWELD,SCH40,3"
130	106212	TEE,BUTT WELD,SCH40-4 IN.
131	106214	TEE,BUTTWELD,SCH40,6"
132	106215	TEE,BUTTWELD,SCH40,8"
133	106220	TEE,FLNG,STRGHT,CI,125LB,6"
134	106313	UNION,BLK,MI-1/2"
135	106314	UNION,BLK,MI-3/4"
136	106315	UNION,BLK,MI-1"
137	106316	UNION,BLK,MI-1-1/4"
138	106317	UNION,BLK,MI-1-1/2"
139	106318	UNION,BLK,MI-2"
140	106323	UNION,DIELECTRIC,1"FIP TO SOLDER
141	106325	UNION,DIELECTRIC,1-1/2"FIP TO SOLDER
142	116764	ELBOW,BUTTWELD,45DEG,SCH80,4"LONG RAD.
143	116765	ELBOW,BUTTWELD,90DEG,SCH80,4"LONG RAD.

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP H: FORGED FITTINGS**

Item	MM #	Description
1	104872	COUPLING,FORG STL,XH,3000LB,FULL,1/2"
2	104873	COUPLING,FORG STL,XH,3000LB,FULL,3/4"
3	104874	COUPLING,FORG STL,XH,3000LB,FULL,1"
4	104875	COUPLING,FORG STL,XH,3000LB,FULL,1-1/4"
5	104876	COUPLING,FORG STL,XH,3000LB,FULL,1-1/2"
6	104877	COUPLING,FORG STL,XH,3000LB,FULL,2"
7	104965	ELBOW,45DEG,FORG STL,THREAD,2000LB,1/2"
8	104968	ELBOW,45DEG,FORG STL,THREAD,2000LB,2"
9	104970	ELBOW,90DEG,FORG STL,THREAD,2000LB,1/2"
10	104971	ELBOW,90DEG,FORG STL,THREAD,2000LB,3/4"
11	104972	ELBOW,90DEG,FORG STL,THREAD,2000LB,1"
12	104973	ELBOW,90DEG,FORG STL,THREAD,2000LB,2"
13	105248	ELBOW,SOC,90DEG,FRGD STL,3000LB,2"
14	105315	FLANGE,BLIND-9"F.STL.150LB.F/4"PIPE
15	105317	FLANGE,BLIND-11"F.STL.150LB.F/6"PIPE
16	105318	FLANGE,BLIND-13-1/2"F.STL.150LB.F/8"PIPE
17	105319	FLANGE,BLIND-16"F.STL.150LB.F/10"PIPE
18	105320	FLANGE,BLIND-19"F.STL.150LB.F/12"PIPE
19	105326	FLANGE,SLIPON,FRG.STL-6"F/2"PIPE
20	105327	FLANGE,SLIPON,FRG.STL-7"F/2-1/2"PIPE
21	105329	FLANGE,SLIPON,FRG.STL-7-1/2"F/3"PIPE
22	105330	FLANGE,SLIPON,FRG.STL-9"F/4"PIPE
23	105331	FLANGE,SLIPON,FRG.STL-10"F/4"PIPE
24	105333	FLANGE,SLIPON,FRG.STL-11"F/6"PIPE
25	105334	FLANGE,SLIPON,FRG.STL-13-1/2"F/8"PIPE
26	105335	FLANGE,SLIPON,FRG.STL-16"F/10"PIPE
27	105336	FLANGE,SLIPON,FRG.STL-19"F/12"PIPE
28	105339	FLANGE,WLD.NECK,BUTT,FRGD.STL-2-1/2"
29	105340	FLANGE,WLD.NECK,BUTT,FRGD.STL-3"
30	105341	FLANGE,WLD.NECK,BUTT,FRGD.STL-4"
31	105342	FLANGE,WLD.NECK,BUTT,FRGD.STL-6"
32	105343	FLANGE,WLD.NECK,BUTT,FRGD.STL-8"
33	105344	FLANGE,WLD.NECK,BUTT,FRGD.STL-10"
34	105372	FLANGE,THREAD,F/STL,150LB,1"X 4-1/4"
35	105375	FLANGE,THREAD,F/STL,150LB,1-1/2"X 5"
36	105376	FLANGE,THREAD,F/STL,150LB,2"X 6"
37	105379	FLANGE,THREAD,F/STL,150LB,2-1/2"X 7"
38	105381	FLANGE,THRD-3 X 7-1/2"F.STL.150LB.
39	105388	FLANGE,THREAD,F/STL,150LB,4"X 9"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP H: FORGED FITTINGS**

40	106167	TEE, FORG STL, 2000LB, WOG, 1/2"
41	106168	TEE, FORG STL, 2000LB, WOG, 3/4"
42	106363	UNION, XH, 3000WOG, FEM-1/4"
43	106365	UNION, XH, 3000WOG, FEM-1/2"
44	106366	UNION, XH, 3000WOG, FEM-3/4"
45	106367	UNION, XH, 3000WOG, FEM-1"
46	106369	UNION, XH, 3000WOG, FEM-1-1/2"
47	106370	UNION, XH, 3000WOG, FEM-2"

CONTRACT 16-025-11: PLUMBING PIPE, FITTINGS, & VALVES**GROUP I: COPPER PIPE, TUBING, & FITTINGS**

Item	MM #	Description
1	104316	ADAPTER,COPPER,1"NOM X 1"NPT,MPT X C
2	104425	COUPLING,COPPER,3/4"NOM,NOSTOP(C X C)
3	104431	COUPLING,COPPER,4"NOM,NOSTOP(C X C)
4	104438	COUPLING,COPPER,W/STOP,1"NOM,(C X C)
5	105002	ELBOW,COPPER,90°,1/2"NOM,(C X C)
6	105005	ELBOW,COPPER,90°,3/4"NOM,(C X C)
7	105023	ELBOW,COPPER,45°,1-1/2"NOM,(C X C)
8	106254	TUBING,COPPER,REFRIG GRADE,1/4"X 50'
9	106256	TUBING,COPPER,REFRIG GRADE,3/8"X 50'
10	106257	TUBING,COPPER,REFRIG GRADE,1/2"X 50'
11	106258	TUBING,COPPER,REFRIG GRADE,5/8"X 50'
12	106259	TUBING,COPPER,REFRIG GRADE,3/4"X 50'
13	106260	TUBING,COPPER,TYPE K,3/8"X 60'ROLL
14	106261	TUBING,COPPER,TYPE K,1/2"X 60'ROLL
15	106262	TUBING,COPPER,TYPE K,3/4"X 60'ROLL
16	106263	TUBING,COPPER,TYPE K,1/4" X 60' ROLL,
17	106264	PIPE,COPPER,WROT,TYPE K,20',3/8"
18	106265	PIPE,COPPER,WROT,TYPE K,20',1/2"
19	106266	PIPE,COPPER,WROT,TYPE K,20',3/4"
20	106267	PIPE,COPPER,WROT,TYPE K,20',1"
21	106268	PIPE,COPPER,WROT,TYPE K,20',1-1/2"
22	106269	PIPE,COPPER,WROT,TYPE K,20',2"
23	106271	PIPE,COPPER,WROT,TYPE K,20',3"
24	106272	PIPE,COPPER,WROT,TYPE K,20',4"



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0960, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to award Contract 16-049-11, Furnish and Deliver Miscellaneous Work Gloves to Various Locations for a One (1) Year Period, Groups A, B, C & D to Fairmont Supply Company, in an amount not to exceed \$55,708.51, Account 101-20000-623700

Dear Sir:

On July 7, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 16-049-11 furnish and deliver miscellaneous work gloves to various locations for a one (1) year period, beginning approximately October 1, 2016 and ending September 30, 2017.

In response to a public advertisement of July 20, 2016, a bid opening was held on August 9, 2016. The bid tabulation for this contract is:

GROUP A: WOOL, COTTON AND FLEECE

FAIRMONT SUPPLY COMPANY	\$9,433.00
CICERO MANUFACTURING & SUPPLY COMPANY, INC.	\$10,572.50
ATLAS & ASSOCIATES, INC.	*\$25,700.00

GROUP B: NEOPRENE, RUBBER AND VINYL-COATED

FAIRMONT SUPPLY COMPANY	\$4,905.23
CICERO MANUFACTURING & SUPPLY COMPANY, INC.	\$8,053.78
ATLAS & ASSOCIATES, INC.	*\$14,049.00

GROUP C: LEATHER

FAIRMONT SUPPLY COMPANY	\$33,667.78
CICERO MANUFACTURING & SUPPLY COMPANY, INC.	\$38,159.46
ATLAS & ASSOCIATES, INC.	\$54,830.00

GROUP D: RUBBER PALM

BUFFALO SOURCING & SUPPLY	\$6,478.00
FAIRMONT SUPPLY COMPANY	\$7,702.50
CICERO MANUFACTURING & SUPPLY COMPANY, INC.	\$9,796.00
ATLAS & ASSOCIATES, INC.	\$12,500.00

*corrected total

Two-hundred twelve (212) companies were notified of the contract being advertised and thirty-two (32) companies requested specifications.

File #: 16-0960, **Version:** 1

Buffalo Sourcing & Supply, the low bidder for Group D of this contract, provided a sample glove. The sample glove provided did not match the manufacturer's specifications submitted. The sample did not have the logo of the authorized representative, the model number, mechanical risks pictogram or information pictogram referenced in the manufacturer's specifications. The District made numerous calls to the vendor to provide a sample that matched manufacturer's specifications, but there was no response from the bidder. Therefore, in accordance with the contract documents, the bid is considered non-responsive and rejected in the public's best interest. The Director of Procurement and Materials Management has notified Buffalo Sourcing & Supply of this action.

Fairmont Supply Company, the lowest responsible bidder for Groups A, B, C & D, is proposing to perform the contract in accordance with the specifications. The estimated cost for Groups A, B, C & D of this contract was \$49,500.00, placing their bid of \$55,708.51 approximately 12.5 percent above the estimate.

The Multi-Project Labor Agreement (MPLA) is not applicable to this contract because it is primarily a furnish and deliver contract.

The Affirmative Action Ordinance, Revised Appendix D is not included in this contract because it is primarily a furnish and deliver contract.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to award Contract 16-049-11, Groups A, B, C & D to Fairmont Supply Company, in an amount not to exceed \$55,708.51.

Purchase orders will be issued for the material as required. Payment will be based on the unit cost as indicated in the contract documents. Funds are available in Account 101-20000-623700.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:CD:me
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachments

		#16A49-GLOVES
Item	MM #	DESCRIPTION
1	111987	LINER,GLOVE,REVERSIBLE WOOL,MEN'S SIZE
2	111989	GLOVE,COTTON JERSEY,7 OZ,4 FINGER,LARGE
3	111990	GLOVE,FLEECE,WATERPROOF CUFF,SIZE JUMBO

#16B49-GLOVES		
Item	MM #	DESCRIPTION
1	111991	GLOVE,NEOPRENE,LIQ.PROOF,31",MEN'S LARGE
2	111992	GLOVE,NEOPRENE,LIQ.PROOF,18",MEN'S LARGE
3	111999	GLOVE,VINYL,LIQUID PROOF,10"ORANGE,MEN'S
4	112005	GLOVE,VINYL COATED,LIQUID PROOF,MEN,LRG.
5	112007	GLOVE,PVC,SUPER-FLEXIBLE,GREEN,MEN'S
6	117280	GLOVE,PUNCTURE/CUT RESISTANT,SIZE9,LARGE
7	117281	GLOVE,PUNCTURE/CUT RESISTANT,SIZE 10,XL

#16C49-GLOVES		
Item	MM #	DESCRIPTION
1	111212	GLOVES,THERMAL LEATHER,NON ASBEST,14"LG
2	111993	GLOVE,LEATHER PALM,PIG,GRAIN,MEN'S XL
3	112002	GLOVE,WELDING,COWHIDE,LINED,MEN'S LARGE
4	112003	GLOVE,WELDING,MIG/TIG,MEN'S EXTRA-LARGE
5	117654	GLOVE,COWHIDE,PROTECTOR,10#LONG,SIZE 7
6	117655	GLOVE,GOATSKIN,PROECTOR,10#LONG,SIZE 11

		#16D49-GLOVES
Item	MM #	DESCRIPTION
1	116358	GLOVE,POLY/COTTON,ETCHED PALM,MEDIUM
2	116360	GLOVE,POLY/COTTON,ETCHED PALM,LARGE
3	116361	GLOVE,POLY/COTTON,ETCHED PALM,X-LARGE
4	116477	GLOVE,POLY/COTTON,ETCHED PALM,SMALL



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0961, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to award Contract 16-056-11, Furnish and Deliver Miscellaneous Hardware to Various Locations for a One (1) Year Period, Groups B & C to Liberty Fastener Company in an amount not to exceed \$27,139.57, Account 101-20000-623700

Dear Sir:

On July 7, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, contract 16-056-11 furnish and deliver miscellaneous hardware to various locations for a one (1) year period, beginning approximately October 1, 2016 and ending September 30, 2017.

In response to a public advertisement of July 20, 2016, a bid opening was held on August 9, 2016. The bid tabulation for this contract is:

GROUP A: MISC HARDWARE

LIBERTY FASTENER COMPANY	\$24,723.95
ATLAS & ASSOCIATES, INC.	\$58,796.90

GROUP B: ZINC AND BRASS HARDWARE

LIBERTY FASTENER COMPANY	*\$15,664.11
CLARK DEVON HARDWARE COMPANY, INC.	*\$16,906.11
ATLAS & ASSOCIATES, INC.	*\$328,724.90

GROUP C: STAINLESS STEEL HARDWARE

LIBERTY FASTENER COMPANY	*\$11,475.46
STAINLESS PRODUCTS, INC.	*\$13,772.44
ATLAS & ASSOCIATES, INC.	*\$534,440.25

*corrected total

Four-hundred thirty-five (435) companies were notified of the contract being advertised and thirty-one (31) companies requested specifications.

Liberty Fastener Company, the low bidder for Group A of this contract, did not bid all items in Group A as required. Therefore, the bid is considered non-responsive and rejected in the public's best interest. The Director of Procurement and Materials Management has notified Liberty Fastener Company of this action.

Atlas & Associates, Inc., the next low bidder for Group A of this contract, submitted a bid of \$58,796.90, which is approximately 194% over the estimated cost of \$20,000.00 and is deemed too high for award. Therefore, the bid is rejected in the public's interest. The Director of Procurement and Materials Management has notified Atlas & Associates, Inc. of this action. Group A will be re-advertised at a future date.

File #: 16-0961, **Version:** 1

Liberty Fastener Company, the lowest responsible bidder for Groups B & C, is proposing to perform the contract in accordance with the specifications. The estimated cost for Groups B & C of this contract is \$20,500.00, placing their bid of \$27,139.57 approximately 32% above the estimate.

The Multi-Project Labor Agreement (MPLA) is not applicable to this contract because it is primarily a furnish and deliver contract.

The Affirmative Action Ordinance, Revised Appendix D is not included in this contract because it is primarily a furnish and deliver contract.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to award Contract 16-056-11, Groups B & C to Liberty Fastener Company, in an amount not to exceed \$27,139.57.

Purchase orders will be issued for the material as required. Payment will be based on the unit cost as indicated in the contract documents. Funds are available in Account 101-20000-623700.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:CD:me
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachments

#16A56-HARDWARE		
Item	MM #	DESCRIPTION
1	106750	ANCHOR,CALK-IN,MACHINE SCREW 1/4"-20
2	106752	ANCHOR,CALK-IN,MACHINE SCREW 3/4"-16
3	106757	ANCHOR,HOLLOW WALL,SHORT,1/8"
4	106760	ANCHOR,HOLLOW WALL,SHORT,3/16"
5	106763	ANCHOR,HOLLOW WALL,SHORT,1/4"
6	106764	ANCHOR,HOLLOW WALL,LONG,1/4"
7	106768	ANCHOR,EXPANSION SHIELD,SHORT,1/4"
8	106770	ANCHOR,EXPANSION SHIELD,SHORT,3/8"
9	106771	ANCHOR,EXPANSION SHIELD,SHORT,1/2"
10	106773	ANCHOR,EXPANSION SHIELD,LONG,5/16"
11	106774	ANCHOR,EXPANSION SHIELD,LONG,3/8"
12	106789	ANCHOR,EXPANDING,PLASTIC,#8-10 X 7/8"
13	106792	ANCHOR,EXPANDING,PLASTIC,#10-12 X 1"
14	106793	ANCHOR,EXPANDING,PLASTIC,#14-16 X 1-3/8"
15	106799	ANCHOR,SNAP OFF,THREADED TYPE,3/4"
16	106805	ANCHOR,CONCRETE,WEDGE,1/4"X 3-1/4"
17	106806	ANCHOR,CONCRETE,WEDGE,3/8"X 2-1/4"
18	106807	ANCHOR,CONCRETE,WEDGE,3/8"X 3-3/4"
19	106809	ANCHOR,CONCRETE,WEDGE,1/2"X 2-3/4"
20	106810	ANCHOR,CONCRETE,WEDGE,1/2"X 5-1/2"
21	106812	ANCHOR,CONCRETE,WEDGE,3/4"X 5-1/2"
22	106817	ANCHOR,SLEEVE,3/8"X 3",#HN-3830
23	106818	ANCHOR,SLEEVE,1/2"X 3",#HN-1230
24	106820	ANCHOR,SLEEVE,5/8"X 4-1/4",#HN-5842
25	106824	ANCHOR,WEDGE,SS,STUD,1/4"X 1-3/4"
26	106825	ANCHOR,WEDGE,SS,STUD TYPE,3/8"X 2-1/4"
27	106826	ANCHOR,WEDGE,SS,STUD TYPE,3/8"X 2-3/4"
28	106827	ANCHOR,WEDGE,SS,STUD TYPE,1/2"X 3-3/4"
29	106828	ANCHOR,WEDGE,STUD TYPE,SS,1/2"X 5-1/2"
30	106833	ANCHOR,1-PIECE,STUD,1/4"X 1-3/4"
31	106834	ANCHOR,1-PIECE,STUD,3/8"X 2-3/4"
32	106836	ANCHOR,1-PIECE,STUD,1/2"X 3-3/4"
33	106837	ANCHOR,1-PIECE,STUD,5/8"X 3-1/2"
34	106838	ANCHOR,1-PIECE,STUD,3/4"X 4-1/4"
35	106862	ANCHOR,TAPER BOLT,ROTANIUM,3/8"X 4"
36	106865	ANCHOR,NAIL-IN,3/16"X 7/8",RAWL #2802
37	106866	ANCHOR,NAIL-IN,1/4"X 3/4",RAWL #2806
38	106867	ANCHOR,NAIL-IN,1/4"X 1",RAWL #2808
39	106868	ANCHOR,DROP-IN,1/4",3/8"DRILL,RAWL #6304
40	106869	ANCHOR,DROP-IN,3/8",1/2"DRILL,RAWL #6306
41	106870	ANCHOR,DROP-IN,1/2",5/8"DRILL,RAWL #6308
42	106952	BOLT,EYE,FORGED,PLAIN,5/8"X 1-3/4"
43	106955	BOLT,EYE,FORGED,PLAIN,3/4"X 2"
44	106956	BOLT,EYE,FORGED,PLAIN,3/4"X 4-1/2"

Item	MM #	DESCRIPTION
45	106960	BOLT,EYE,FORGED,PLAIN,7/8"X 8"
46	106971	BOLT,EYE,W/SHOULDER,3/8"X 2-1/2"
47	106972	BOLT,EYE,W/SHOULDER,3/8"X 4-1/2"
48	106974	BOLT,EYE,W/SHOULDER,1/2"X 3-1/4"
49	106975	BOLT,EYE,W/SHOULDER,1/2"X 6"
50	106976	BOLT,EYE,W/SHOULDER,5/8"X 4"
51	106977	BOLT,EYE,W/SHOULDER,5/8"X 6"
52	106979	BOLT,EYE,W/SHOULDER,3/4"X 6"
53	107154	BOLT,TOGGLE,SPRING WING,1/8"X 3"
54	107155	BOLT,TOGGLE,SPRING WING,1/8"X 4"
55	107156	BOLT,TOGGLE,SPRING WING,3/16"X 2"
56	107158	BOLT,TOGGLE,SPRING WING,3/16"X 4"
57	107160	BOLT,TOGGLE,SPRING WING,1/4"X 2"
58	107162	BOLT,TOGGLE,SPRING WING,1/4"X 4"
59	107165	BOLT,TOGGLE,SPRING WING,5/16"X 4"
60	107167	BOLT,TOGGLE,SPRING WING,3/8"X 4"
61	107171	U-BOLT,#04-1"THREAD,FOR 1/2" PIPE
62	107172	U-BOLT,#05-1"THREAD,FOR 3/4" PIPE
63	107181	U-BOLT,#19-1 1/4"THREAD,FOR 1"PIPE
64	107182	U-BOLT,#20-1 1/8"THREAD,FOR 1-1/4"PIPE
65	107183	U-BOLT,#21-1 1/4"THREAD,FOR 1-1/2"PIPE
66	107184	U-BOLT,#22-1 1/4"THREAD,FOR 2"PIPE
67	107185	U-BOLT,#23-1 1/4"THREAD,FOR 2-1/2"PIPE
68	107186	U-BOLT,#24-1 1/4"THREAD,FOR 3"PIPE
69	107188	U-BOLT,#28-1 1/2"THREAD,FOR 4"PIPE
70	107189	U-BOLT,SS,FOR 1/2"PIPE,(1/4-20)
71	107190	U-BOLT,SS,FOR 3/4"PIPE,(1/4-20)
72	107191	U-BOLT,SS,FOR 1"PIPE,(1/4-20)
73	107192	U-BOLT,SS,FOR 1-1/4"PIPE,(3/8-16)
74	107193	U-BOLT,SS,FOR 1-1/2"PIPE,(3/8-16)
75	107194	U-BOLT,SS,FOR 2"PIPE,(3/8-16)
76	107195	U-BOLT,SS,FOR 2-1/2"PIPE,(1/2-13)
77	107196	U-BOLT,SS,FOR 3"PIPE,(1/2-13)
78	107197	U-BOLT,SS,FOR 4"PIPE,(1/2-13)
79	107268	CLIPS,WIRE ROPE,GALV,#G-450,1/8"
80	107269	CLIPS,WIRE ROPE,GALV,#G-450,3/16"
81	107270	CLIPS,WIRE ROPE,GALV,#G-450,1/4"
82	107271	CLIP,WIRE ROPE,GALV,#G-450,5/16"
83	107272	CLIPS,WIRE ROPE,GALV,#G-450,3/8"
84	107273	CLIPS,WIRE ROPE,GALV,#G-450,1/2"
85	107274	CLIPS,WIRE ROPE,GALV,#G-450,5/8"
86	107299	COUPLING,ROD,STEEL,HEXAGON, 1/4 IN.
87	107300	COUPLING,ROD,STEEL,HEXAGON, 5/16 IN.
88	107301	COUPLING,ROD,STEEL,HEXAGON, 3/8 IN.
89	107302	COUPLING,ROD,STEEL,HEXAGON,1/2 IN.

Item	MM #	DESCRIPTION
90	107303	COUPLING,ROD,STEEL,HEXAGON, 5/8 IN.
91	107304	COUPLING,ROD,STEEL,HEXAGON, 3/4 IN.
92	107530	NAIL,SINKER,COATED,16D
93	107531	NAIL,DUPLEX HEAD,6D
94	107532	NAIL,DUPLEX HEAD,8D
95	107533	NAIL,DUPLEX HEAD,16D
96	107553	NUT,HEX,FINISHED,BRASS,#8-32
97	107557	NUT,HEX,FINISHED,BRASS,1/4"
98	107558	NUT,HEX,FINISHED,BRASS,5/16"
99	107652	NUT,ZINC,CENTER LOCKNUT,GRADE 8,3/8-24"
100	107679	PIN,COTTER,BRASS,3/32"X 1"
101	107682	PIN,COTTER,BRASS,1/8"X 1-1/2"
102	107683	PIN,COTTER,BRASS,1/8"X 2"
103	107684	PIN,COTTER,BRASS,1/8"X 3"
104	107687	PIN,COTTER,BRASS,5/32"X 1-1/2"
105	107691	PIN,COTTER,BRASS,3/16"X 1-1/2"
106	107710	PIN,COTTER,ZINC PLATED,3/32"X 1"
107	107714	PIN,COTTER,ZINC PLATED,1/8"X 1"
108	107717	PIN,COTTER,ZINC PLATED,1/8"X 3"
109	107725	PIN,COTTER,ZINC PLATED,3/16"X 2"
110	107732	PIN,COTTER,SS,1/4"X 1-1/2"
111	107742	PIN,TENSION,ZINC PLATED,1/16"X 3/4"
112	107748	PIN,TENSION,ZINC PLATED,1/8"X 1"
113	107761	PIN,TENSION,ZINC PLATED,1/4"X 2"
114	107774	PULLEY,ROPE,SINGLE AWNING, 1-1/2 IN.
115	107775	PULLEY,ROPE,SINGLE AWNING, 2 IN.
116	107781	RIVET,STAINLESS,POP,3/16",1/4"MAX GRIP
117	107782	RIVET,ALUMINUM,POP,1/8",1/8"MAX GRIP
118	107783	RIVET,ALUMINUM,POP,1/8",1/4"MAX GRIP
119	107784	RIVET,STEEL,POP,1/8",1/8"MAX GRIP
120	107785	RIVET,STEEL,POP,1/8",3/16"MAX GRIP
121	107788	RIVET,STAINLESS,POP,1/8",3/16"MAX GRIP
122	107789	RIVET,STAINLESS,POP,1/8",1/4"MAX GRIP
123	107792	RIVET,ALUMINUM,POP,3/16",1/4"MAX GRIP
124	107793	RIVET,ALUMINUM,POP,3/16",3/8"MAX GRIP
125	107799	RIVET,STAINLESS,POP,3/16",1/2"MAX GRIP
126	107816	ROD,THREADED,ZINC PLATED,1/4"X 12'
127	107822	ROD,THREADED,ZINC PLATED,3/8"X 12'
128	107826	ROD,THREADED,ZINC PLATED,1/2"X 12'
129	107829	ROD,THREADED,ZINC PLATED,5/8"X 12'
130	107832	ROD,THREADED,ZINC PLATED,3/4"X 6'
131	107835	ROD,THREADED,ZINC PLATED,7/8"X 12'
132	107837	ROD,THREADED,ZINC PLATED,1"X 12'
133	107840	ROD,THREADED,ZINC PLATED,5/16"X 3'
134	107842	ROD,THREADED,ZINC PLATED,7/16"X 3'

Item	MM #	DESCRIPTION
135	107847	ROD,THREADED,ZINC PLATED,8/32"X 3'
136	107850	ROD,THREADED,ZINC PLATED,10-24"X 3'
137	107858	SCREW,CAP,HEX,BRASS,1/4"X 2"
138	107867	SCREW,CAP,HEX,BRASS,5/16"X 2-1/2"
139	107873	SCREW,CAP,HEX,BRASS,3/8"X 2-1/2"
140	107895	SCREW,CAP,HEX,BRASS,NF,1/4"X 1 "
141	107905	SCREW,CAP,HEX,BRASS,NF,3/8"X 1-1/2"
142	108012	SCREW,DRYWALL,STEEL,BUGLE HD,#6,1-1/4"
143	108013	SCREW,DRYWALL,STEEL,BUGLE HD,#6,1-5/8"
144	108014	SCREW,DRYWALL,STEEL,BUGLE HD,#6,2"
145	108017	SCREW,DRYWALL,STEEL,BUGLE HD,#8,3"
146	108550	SCREW,SET,SQ/HD,CUP PT,PLT, 1/2 X 1-1/2
147	108552	SCREW,SET,SQ/HD,CUP PT,PLT, 1/2 X 3 IN.
148	108553	SCREW,SET,SQ/HD,CUP PT,PLT, 1/2 X 4 IN.
149	108563	SCREW,SET,SQ/HD,CUP PT,PLT, 3/4 X 2 IN.
150	108648	SCREW,S.METAL,PN/HD,PHIL,#10 X 1-1/2"
151	108694	SCREW,SELF DRILL,XHIGH HEAD,#10 X 3/4"
152	108695	SCREW.SELF DRILL,HX WSHR HD, #10 X 1-1/2
153	108872	SHACKLE,ANCHOR,W/PIN,DROP FORGED,3/16"
154	108873	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1/4"
155	108874	SHACKLE,ANCHOR,W/PIN,DROP FORGED,5/16"
156	108875	SHACKLE,ANCHOR,W/PIN,DROP FORGED,3/8"
157	108876	SHACKLE,ANCHOR,W/PIN,DROP FORGED,7/16"
158	108877	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1/2"
159	108878	SHACKLE,ANCHOR,W/PIN,DROP FORGED,5/8"
160	108879	SHACKLE,ANCHOR,W/PIN,DROP FORGED,3/4"
161	108880	SHACKLE,ANCHOR,W/PIN,DROP FORGED,7/8"
162	108881	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1"
163	108882	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1-1/8"
164	108883	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1-1/4"
165	108884	SHACKLE,ANCHOR,W/PIN,DROP FORGED,1-1/2"
166	108886	SPRING,DOOR,BOMMER#2500-601/US1B, 6 IN.
167	108889	SNAP,SPRING,SWIVEL EYE,STYLE #437Z,3/8"
168	108891	SNAP,BOLT,SWIVEL EYE,STYLE #225Z,1/2"
169	108895	SNAP,SWIVEL EYE,MARINE,#251B,#1
170	108896	SNAP,SWIVEL EYE,MARINE,#251B,#2
171	108897	SNAP,SWIVEL EYE,MARINE,#251B,#3
172	108931	STUD,TRIPLEX,THREADED,W/NUT, 3/4 X 4 IN.
173	108937	THIMBLE,WIRE ROPE,GALV,3/8 IN.
174	108938	THIMBLE,WIRE ROPE,GALV, 1/2 IN.
175	108939	THIMBLE,WIRE ROPE,GALV, 5/8 IN.
176	108954	TURNBUCKLE,GALV,HOOK & EYE, 1/2 X 6 IN.
177	108963	TURNBUCKLE,ALUM,MINI,#14,1/4 X 5-1/2 IN.
178	108978	WASHER,BEVEL,HILLISIDE, 1/2 IN.
179	108979	WASHER,BEVEL,HILLISIDE, 5/8 IN.

Item	MM #	DESCRIPTION
180	108980	WASHER,BEVEL,HILLSIDE, 3/4 IN.
181	108995	WASHER,LOCK,C/SUNK,EXTERNAL, #8
182	108998	WASHER,LOCK,TOOTHED,INTERNAL, #8
183	108999	WASHER,LOCK,TOOTHED,INTERNAL, #10
184	109007	WIRE,TIE,BLACK STEEL,16 GA. SETTERS COIL
185	114164	CLIPS,WIRE ROPE,SS ,TYPE 304,1/8 IN.
186	114174	THIMBLE,WIRE ROPE,1/8 IN.,SS TYPE 304
187	114308	ANCHORS,HAMMER DRIVE,NAIL-IN,1/4"X1 1/2"
188	114934	RIVET,STAINLESS,POP,1/8",3/8"MAX GRIP
189	115075	ANCHOR,PLASTIC,TOGGLE SCREW,MED,1/2"GRIP
190	115084	ANCHOR,PLASTIC,TOGGLE SCREW,LNG,5/8"GRIP
191	115085	ANCHOR,PLASTIC,TOGGLE SCREW,XLG,3/4"GRIP
192	115086	ANCHOR,PLASTIC,TOGGLE SCREW,XXXLG,1"GRIP
193	115876	SCREW,VENT,5/16"-24,BRISTOL #312289-006
194	115878	PLUG,SS,STANDARD,VENT,1/4" NPT,BRISTOL
195	116195	BOLT,HEX HEAD,STEEL,7/16"-14NC X 2-1/2"
196	116247	SCREW,CAP,HEX,SS,5/16"X 1-3/4"
197	116705	SCREW,DRYWALL/STEEL,COLLATED,#6X1-1/4"
198	116708	SCREW,DECK,COLLATED,#8,3",SQ.DRIVE
199	116709	SCREW,DECK,COLLATED,#8,2-1/2",SQ.DRIVE
200	117891	ANCHOR,TAPCON,HEX HEAD,1/4"X 1-1/4"
201	117892	ANCHOR,TAPCON,HEX HEAD,1/4"X 1-3/4"
202	117893	ANCHOR,TAPCON,HEX HEAD,1/4"X 2-1/4"
203	117895	ANCHOR,TAPCON,HEX HEAD,1/4"X 2-3/4"
204	117896	ANCHOR,TAPCON,FLAT HEAD,1/4"X 1-3/4"
205	117897	ANCHOR,TAPCON,FLAT HEAD,1/4"X 2-1/4"
206	117898	ANCHOR,TAPCON,FLAT HEAD,1/4"X 2-3/4"
207	117899	ANCHOR,TAPCON,FLAT HEAD,1/4"X 3-1/4"
208	118064	LOCK,TOOL BOX,RED,BRADY #65699

#16B56-HARDWARE (ZINC & BRASS)		
Item	MM #	DESCRIPTION
1	106882	BOLT,CARRIAGE,ZINC PLATED,1/4"X 1"
2	106884	BOLT,CARRIAGE,ZINC PLATED,1/4"X 1-1/2"
3	106885	BOLT,CARRIAGE,ZINC PLATED,1/4"X 2"
4	106887	BOLT,CARRIAGE,ZINC PLATED,1/4"X 2-1/2"
5	106889	BOLT,CARRIAGE,ZINC PLATED,1/4"X 3-1/2"
6	106892	BOLT,CARRIAGE,ZINC PLATE,1/4"X 5"
7	106896	BOLT,CARRIAGE,ZINC PLATE,5/16"X 1-1/2"
8	106897	BOLT,CARRIAGE,ZINC PLATE,5/16"X 2"
9	106899	BOLT,CARRIAGE,ZINC PLATE,5/16"X 3"
10	106901	BOLT,CARRIAGE,ZINC PLATE,5/16"X 4"
11	106906	BOLT,CARRIAGE,ZINC PLATE,3/8"X 1-1/2"
12	106907	BOLT,CARRIAGE,ZINC PLATE,3/8"X 2"
13	106908	BOLT,CARRIAGE,ZINC PLATE,3/8"X 2-1/2"
14	106909	BOLT,CARRIAGE,ZINC PLATE,3/8"X 3"
15	106910	BOLT,CARRIAGE,ZINC PLATE,3/8"X 3-1/2"
16	106911	BOLT,CARRIAGE,ZINC PLATE,3/8"X 4"
17	106912	BOLT,CARRIAGE,ZINC PLATE,3/8"X 4-1/2"
18	106913	BOLT,CARRIAGE,ZINC PLATE,3/8"X 5"
19	106915	BOLT,CARRIAGE,ZINC PLATE,3/8"X 6"
20	106916	BOLT,CARRIAGE,ZINC PLATE,3/8"X 7"
21	106918	BOLT,CARRIAGE,ZINC PLATE,1/2"X 2-1/2"
22	106919	BOLT,CARRIAGE,ZINC PLATE,1/2"X 3"
23	106920	BOLT,CARRIAGE,ZINC PLATE,1/2"X 3-1/2"
24	106921	BOLT,CARRIAGE,ZINC PLATE,1/2"X 4"
25	106924	BOLT,CARRIAGE,ZINC PLATE,1/2"X 5-1/2"
26	106925	BOLT,CARRIAGE,ZINC PLATE,1/2"X 6"
27	106926	BOLT,CARRIAGE,ZINC PLATE,1/2"X 8"
28	106934	BOLT,EYE,ZINC PLATED,TURNED,1/4"X 1-1/2"
29	106935	BOLT,EYE,ZINC PLATED,TURNED,1/4"X 2"
30	106937	BOLT,EYE,ZINC PLATED,TURNED,1/4"X 4"
31	106938	BOLT,EYE,ZINC PLATED,TURNED,1/4"X 6"
32	106939	BOLT,EYE,ZINC PLATED,TURNED,5/16"X 2"
33	106940	BOLT,EYE,ZINC PLATED,TURNED,5/16"X 4"
34	106942	BOLT,EYE,ZINC PLATED,TURNED,3/8"X 2"
35	106944	BOLT,EYE,ZINC PLATED,TURNED,3/8"X 4"
36	106947	BOLT,EYE,ZINC PLATED,TURNED,1/2"X 2"
37	106949	BOLT,EYE,ZINC PLATED,TURNED,1/2"X 4"
38	106991	SCREW,CAP,HEX HEAD,1/4"X 1/2",GRADE 5
39	106992	SCREW,CAP,HEX HEAD,1/4"X 3/4",GRADE 5
40	106993	SCREW,CAP,HEX HEAD,1/4"X 1",GRADE 5
41	106994	SCREW,CAP,HEX HEAD,1/4"X 1-1/4",GRADE 5
42	106995	SCREW,CAP,HEX HEAD,1/4"X 1-1/2",GRADE 5
43	106996	SCREW,CAP,HEX HEAD,1/4"X 1-3/4",GRADE 5
44	106997	SCREW,CAP,HEX HEAD,1/4"X 2",GRADE 5

Item	MM #	DESCRIPTION
45	106998	SCREW,CAP,HEX HEAD,1/4"X 2-1/2",GRADE 5
46	107000	SCREW,CAP,HEX HEAD,1/4"X 3",GRADE 5
47	107001	SCREW,CAP,HEX HEAD,1/4"X 3-1/2",GRADE 5
48	107006	SCREW,CAP,HEX HEAD,5/16"X 1/2",GRADE 5
49	107007	SCREW,CAP,HEX HEAD,5/16"X 3/4",GRADE 5
50	107008	SCREW,CAP,HEX HEAD,5/16"X 1",GRADE 5
51	107009	SCREW,CAP,HEX HEAD,5/16"X 1-1/4",GRADE 5
52	107010	SCREW,CAP,HEX HEAD,5/16"X 1-1/2",GRADE 5
53	107012	SCREW,CAP,HEX HEAD,5/16"X 2",GRADE 5
54	107014	SCREW,CAP,HEX HEAD,5/16"X 2-1/2",GRADE 5
55	107016	SCREW,CAP,HEX HEAD,5/16"X 3",GRADE 5
56	107017	SCREW,CAP,HEX HEAD,5/16"X 3-1/2",GRADE 5
57	107019	SCREW,CAP,HEX HEAD,5/16"X 4-1/2",GRADE 5
58	107024	SCREW,CAP,HEX HEAD,3/8"X 3/4",GRADE 5
59	107025	SCREW,CAP,HEX HEAD,3/8"X 1",GRADE 5
60	107026	SCREW,CAP,HEX HEAD,3/8"X 1-1/4",GRADE 5
61	107027	SCREW,CAP,HEX HEAD,3/8"X 1-1/2",GRADE 5
62	107029	SCREW,CAP,HEX HEAD,3/8"X 2",GRADE 5
63	107030	SCREW,CAP,HEX HEAD,3/8"X 2-1/4",GRADE 5
64	107031	SCREW,CAP,HEX HEAD,3/8"X 2-1/2",GRADE 5
65	107033	SCREW,CAP,HEX HEAD,3/8"X 3",GRADE 5
66	107035	SCREW,CAP,HEX HEAD,3/8"X 3-1/2",GRADE 5
67	107036	SCREW,CAP,HEX HEAD,3/8"X 4",GRADE 5
68	107040	SCREW,CAP,HEX HEAD,3/8"X 6",GRADE 5
69	107053	SCREW,CAP,HEX HEAD,1/2"X 1",GRADE 5
70	107054	SCREW,CAP,HEX HEAD,1/2"X 1-1/4",GRADE 5
71	107055	SCREW,CAP,HEX HEAD,1/2"X 1-1/2",GRADE 5
72	107056	SCREW,CAP,HEX HEAD,1/2"X 1-3/4",GRADE 5
73	107057	SCREW,CAP,HEX HEAD,1/2"X 2",GRADE 5
74	107059	SCREW,CAP,HEX HEAD,1/2"X 2-1/2",GRADE 5
75	107061	SCREW,CAP,HEX HEAD,1/2"X 3",GRADE 5
76	107063	SCREW,CAP,HEX HEAD,1/2"X 3-1/2",GRADE 5
77	107065	SCREW,CAP,HEX HEAD,1/2"X 4",GRADE 5
78	107067	SCREW,CAP,HEX HEAD,1/2"X 5",GRADE 5
79	107069	SCREW,CAP,HEX HEAD,1/2"X 6",GRADE 5
80	107071	SCREW,CAP,HEX HEAD,1/2"X 8",GRADE 5
81	107074	SCREW,CAP,HEX HEAD,5/8"X 1-1/4",GRADE 5
82	107075	SCREW,CAP,HEX HEAD,5/8"X 1-1/2",GRADE 5
83	107076	SCREW,CAP,HEX HEAD,5/8"X 1-3/4",GRADE 5
84	107077	SCREW,CAP,HEX HEAD,5/8"X 2",GRADE 5
85	107078	SCREW,CAP,HEX HEAD,5/8"X 2-1/4",GRADE 5
86	107079	SCREW,CAP,HEX HEAD,5/8"X 2-1/2",GRADE 5
87	107080	SCREW,CAP,HEX HEAD,5/8"X 2-3/4",GRADE 5
88	107081	SCREW,CAP,HEX HEAD,5/8"X 3",GRADE 5
89	107082	SCREW,CAP,HEX HEAD,5/8"X 3-1/4",GRADE 5

Item	MM #	DESCRIPTION
90	107083	SCREW,CAP,HEX HEAD,5/8"X 3-1/2",GRADE 5
91	107084	SCREW,CAP,HEX HEAD,5/8"X 4",GRADE 5
92	107085	SCREW,CAP,HEX HEAD,5/8"X 4-1/2",GRADE 5
93	107087	SCREW,CAP,HEX HEAD,5/8"X 5",GRADE 5
94	107089	SCREW,CAP,HEX HEAD,5/8"X 5-1/2",GRADE 5
95	107090	SCREW,CAP,HEX HEAD,5/8"X 6",GRADE 5
96	107096	SCREW,CAP,HEX HEAD,3/4"X 1-1/2",GRADE 5
97	107097	SCREW,CAP,HEX HEAD,3/4"X 1-3/4",GRADE 5
98	107098	SCREW,CAP,HEX HEAD,3/4"X 2",GRADE 5
99	107100	SCREW,CAP,HEX HEAD,3/4"X 2-1/2",GRADE 5
100	107101	SCREW,CAP,HEX HEAD,3/4"X 2-3/4",GRADE 5
101	107102	SCREW,CAP,HEX HEAD,3/4"X 3",GRADE 5
102	107103	SCREW,CAP,HEX HEAD,3/4"X 3-1/4",GRADE 5
103	107104	SCREW,CAP,HEX HEAD,3/4"X 3-1/2",GRADE 5
104	107105	SCREW,CAP,HEX HEAD,3/4"X 4",GRADE 5
105	107109	SCREW,CAP,HEX HEAD,3/4"X 5",GRADE 5
106	107111	SCREW,CAP,HEX HEAD,3/4"X 6",GRADE 5
107	107114	SCREW,CAP,HEX HEAD,3/4"X 8",GRADE 5
108	107120	SCREW,CAP,HEX HEAD,7/8"X 2",GRADE 5
109	107122	SCREW,CAP,HEX HEAD,7/8"X 2-1/2",GRADE 5
110	107124	SCREW,CAP,HEX HEAD,7/8"X 3",GRADE 5
111	107125	SCREW,CAP,HEX HEAD,7/8"X 3-1/2",GRADE 5
112	107126	SCREW,CAP,HEX HEAD,7/8"X 3-3/4",GRADE 5
113	107127	SCREW,CAP,HEX HEAD,7/8"X 4",GRADE 5
114	107128	SCREW,CAP,HEX HEAD,7/8"X 4-1/2",GRADE 5
115	107129	SCREW,CAP,HEX HEAD,7/8"X 5",GRADE 5
116	107137	SCREW,CAP,HEX HEAD,1"X 2-1/2",GRADE 5
117	107138	SCREW,CAP,HEX HEAD,1"X 3",GRADE 5
118	107139	SCREW,CAP,HEX HEAD,1"X 3-1/2",GRADE 5
119	107140	SCREW,CAP,HEX HEAD,1"X 4",GRADE 5
120	107141	SCREW,CAP,HEX HEAD,1"X 4-1/2",GRADE 5
121	107142	SCREW,CAP,HEX HEAD,1"X 5",GRADE 5
122	107143	SCREW,CAP,HEX HEAD,1"X 5-1/2",GRADE 5
123	107144	SCREW,CAP,HEX HEAD,1"X 6",GRADE 5
124	107147	SCREW,CAP,HEX HEAD,1-1/8"X 5-1/2"GRADE 5
125	107149	SCREW,CAP,HEX HEAD,1-1/4"X 5-1/2"GRADE 5
126	107571	NUT,HEX,ZINC PLATED,NF,1/4"
127	107579	NUT,HEX,ZINC PLATED,HEAVY,1/4"
128	107580	NUT,HEX,ZINC PLATED,HEAVY,5/16"
129	107581	NUT,HEX,ZINC PLATED,HEAVY,3/8"
130	107583	NUT,HEX,ZINC PLATED,HEAVY,1/2"
131	107585	NUT,HEX,ZINC PLATED,HEAVY,5/8"
132	107586	NUT,HEX,ZINC PLATED,HEAVY,3/4"
133	107587	NUT,HEX,ZINC PLATED,HEAVY,7/8"
134	107588	NUT,HEX,ZINC PLATED,HEAVY,1"

Item	MM #	DESCRIPTION
135	107589	NUT,HEX,ZINC PLATED,HEAVY,1-1/8"
136	107590	NUT,HEX,ZINC PLATED,HEAVY,1-1/4"
137	107606	NUT,HEX,ZINC PLATED,NC,GRADE 8,1/2"
138	107607	NUT,HEX,ZINC PLATED,NC,GRADE 8,5/8"
139	107608	NUT,HEX,ZINC PLATED,NC,GRADE 8,3/4"
140	107609	NUT,HEX,ZINC PLATED,NC,GRADE 8,1"
141	107610	NUT,HEX,ZINC PLATED,NC,GRADE 8,1-1/4"
142	107642	NUT,LOCK,ZINC,W/NYLON INSERT,1/4"
143	107643	NUT,LOCK,ZINC,W/NYLON INSERT,5/16"
144	107644	NUT,LOCK,ZINC,W/NYLON INSERT,3/8"
145	107645	NUT,LOCK,ZINC,W/NYLON INSERT,1/2"
146	107646	NUT,LOCK,ZINC,W/NYLON INSERT,5/8"
147	107647	NUT,LOCK,ZINC,W/NYLON INSERT,3/4"
148	107665	NUT,WING,ZINC PLATED,#10-32
149	107667	NUT,WING,ZINC PLATED,1/4"
150	107669	NUT,WING,ZINC PLATED,5/16"
151	107671	NUT,WING,ZINC PLATED,3/8"
152	107674	NUT,WING,ZINC PLATED,1/2"
153	107920	SCREW,CAP,HEX,ZINC PLATED,5/16"X 2-1/2"
154	107923	SCREW,CAP,HEX,ZINC PLATED,5/8"X 2"
155	107926	SCREW,CAP,HEX,ZINC PLATED,3/4"X 2"
156	107927	SCREW,CAP,HEX,ZINC PLATED,3/4"X 3"
157	107935	SCREW,CAP,HEX SOCKET,ZINC,1/4"X 3/4"
158	107936	SCREW,CAP,HEX SOCKET,ZINC,1/4"X 1"
159	107941	SCREW,CAP,HEX SOCKET,ZINC,3/8"X 1"
160	107944	SCREW,CAP,HEX SOCKET,ZINC,3/8"X 2"
161	107949	SCREW,CAP,HEX SOCKET,ZINC,5/8"X 1-1/2"
162	107950	SCREW,CAP,HEX SOCKET,ZINC,5/8"X 3"
163	108019	SCREW,LARGE EYE,ZINC PLATED,#4
164	108020	SCREW,LARGE EYE,ZINC PLATED,#6
165	108022	SCREW,LARGE EYE,ZINC PLATED,#10
166	108024	SCREW,LARGE EYE,ZINC PLATED,#14
167	108029	SCREW,LAG,HEX,ZINC PLATED,1/4"X 1"
168	108030	SCREW,LAG,HEX,ZINC PLATED,1/4"X 1-1/2"
169	108031	SCREW,LAG,HEX,ZINC PLATED,1/4"X 2"
170	108032	SCREW,LAG,HEX,ZINC PLATED,1/4"X 2-1/2"
171	108033	SCREW,LAG,HEX,ZINC PLATED,1/4"X 3"
172	108034	SCREW,LAG,HEX,ZINC PLATED,1/4"X 3-1/2"
173	108037	SCREW,LAG,HEX,ZINC PLATED,1/4"X 5"
174	108039	SCREW,LAG,HEX,ZINC PLATED,5/16"X 1-1/2"
175	108040	SCREW,LAG,HEX,ZINC PLATED,5/16"X 2"
176	108042	SCREW,LAG,HEX,ZINC PLATED,5/16"X 3"
177	108044	SCREW,LAG,HEX,ZINC PLATED,5/16"X 4"
178	108047	SCREW,LAG,HEX,ZINC PLATED,3/8"X 1-1/2"
179	108048	SCREW,LAG,HEX,ZINC PLATED,3/8"X 2"

Item	MM #	DESCRIPTION
180	108050	SCREW,LAG,HEX,ZINC PLATED,3/8"X 3"
181	108052	SCREW,LAG,HEX,ZINC PLATED,3/8"X 4"
182	108055	SCREW,LAG,HEX,ZINC PLATED,3/8"X 6"
183	108056	SCREW,LAG,HEX,ZINC PLATED,1/2"X 2"
184	108057	SCREW,LAG,HEX,ZINC PLATED,1/2"X 2-1/2"
185	108058	SCREW,LAG,HEX,ZINC PLATED,1/2"X 3"
186	108060	SCREW,LAG,HEX,ZINC PLATED,1/2"X 4"
187	108062	SCREWS,LAG,HEX,STEEL, 1/2 X 6 IN.
188	108075	SCREW,MACH,FL/HD,PHLPS,BR, #6-32 X 1 IN.
189	108079	SCREW,MACH,FL/HD,PHLPS,BR, #8-32 X 1/2
190	108083	SCREW,MACH,FL/HD,PHLPS,BR, #8-32 X 1-1/2
191	108098	SCREW,MACH,FL/HD,PHLPS,BR, #10-32 X 3/4
192	108111	SCREW,MACH,FL/HD,PHLPS,BR, 1/4 X 3/4 IN.
193	108169	SCREW,MACH,FL/HD,STEEL, 3/8-16 X 1 IN.
194	108172	SCREW,MACH,FL/HD,STEEL, 3/8-16 X 2 IN.
195	108177	SCREW,MACH,FL/HD,STEEL, 1/2-13 X 1 IN.
196	108180	SCREW,MACH,FL/HD,STEEL, 1/2-13 X 2 IN.
197	108197	SCREW,MACH,PAN/HD,PHLPS,BR,#6-32 X 3/4"
198	108199	SCREW,MACH,PAN/HD,PHLPS,BR, #6-32 X 1"
199	108204	SCREW,MACH,PAN/HD,PHLPS,BR, #8-32 X 1/2"
200	108205	SCREW,MACH,PAN/HD,PHLPS,BR,#8-32 X 3/4"
201	108206	SCREW,MACH,PAN/HD,PHLPS,BR,#8-32 X 1"
202	108207	SCREW,MACH,PAN/HD,PHLPS,BR,#8-32 X 1-1/2
203	108211	SCREW,MACH,PAN/HD,PHLPS,BR,#10-24 X 1/2"
204	108212	SCREW,MACH,PAN/HD,PHLPS,BR,#10-24 X 3/4"
205	108221	SCREW,MACH,PAN/HD,PHLPS,BR,#10-32 X 1/2"
206	108236	SCREW,MACH,PAN/HD,PHLPS,BR,1/4-20 X 1/2"
207	108238	SCREW,MACH,PAN/HD,PHLPS,BR,1/4-20 X 3/4"
208	108239	SCREW,MACH,PAN/HD,PHLPS,BR,1/4-20 X 1"
209	108389	SCREW,SELF TAP,HEX WASHER HD, #6 X 3/8
210	108390	SCREW,SELF TAP,HEX WASHER HD, #8 X 1/2
211	108391	SCREW,SELF TAP,HEX WASHER HD, #8 X 3/4
212	108392	SCREW,SELF TAP,HEX WASHER HD, #10 X 3/4
213	108393	SCREW,SELF TAP,HEX WASHER HD, #10 X 1 IN
214	108702	SCREW,WOOD,FL/HD,SLOT,BR, #4 X 1/2 IN.
215	108703	SCREW,WOOD,FL/HD,SLOT,BR, #4 X 5/8 IN.
216	108712	SCREW,WOOD,FL/HD,PHIL,BR, #6 X 1/2 IN.
217	108714	SCREW,WOOD,FL/HD,PHIL,BR, #6 X 3/4 IN.
218	108715	SCREW,WOOD,FL/HD,PHIL,BR, #6 X 1 IN.
219	108721	SCREW,WOOD,FL/HD,PHIL,BR, #8 X 3/4 IN.
220	108722	SCREW,WOOD,FL/HD,PHIL,BR,#8 X 1 IN.
221	108723	SCREW,WOOD,FL/HD,PHIL,BR,#8 X 1-1/4 IN.
222	108724	SCREW,WOOD,FL/HD,PHIL,BR, #8 X 1-1/2 IN.
223	108731	SCREW,WOOD,FL/HD,PHIL,BR, #10 X 1-1/2 IN
224	108733	SCREW,WOOD,FL/HD,PHIL,BR, #10 X 2 IN.

Item	MM #	DESCRIPTION
225	108738	SCREW,WOOD,FL/HD,PHIL,BR, #12 X 1-1/4 IN
226	108739	SCREW,WOOD,FL/HD,PHIL,BR, #12 X 1-1/2 IN
227	108741	SCREW,WOOD,FL/HD,PHIL,BR, #12 X 2 IN.
228	108778	SCREW,WOOD,RD/HD,PHIL,BR, #10 X 1-1/4 IN
229	108801	SCREW,WOOD,FL/HD,PHIL,STL, #6 X 3/4 IN.
230	108809	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 3/4 IN.
231	108810	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 1 IN.
232	108811	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 1-1/4 IN
233	108812	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 1-1/2 IN
234	108815	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 2-1/4 IN
235	108816	SCREW,WOOD,FL/HD,PHIL,STL, #8 X 2-1/2 IN
236	108819	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 1 IN.
237	108820	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 1-1/4
238	108821	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 1-1/2
239	108822	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 1-3/4
240	108823	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 2 IN.
241	108824	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 2-1/4
242	108825	SCREW,WOOD,FL/HD,PHIL,STL, #10 X 2-1/2
243	108826	SCREW,WOOD,FL/HD,PHIL,STL,#10 X 3 IN.
244	108966	WASHER,BRASS,FLAT,#6
245	108967	WASHER,BRASS,FLAT,#8
246	108968	WASHER,BRASS,FLAT,#10
247	108969	WASHER,BRASS,FLAT, #12
248	108970	WASHER,BRASS,FLAT,1/4"
249	108971	WASHER,BRASS,FLAT,5/16"
250	108983	WASHER,FENDER,GR.2,PLTD, 3/16 X 1-1/4 IN
251	108984	WASHER,FENDER, GR.2,PLTD, 7/32 X 1-1/4
252	108985	WASHER,FENDER, GR.2,PLTD, 1/4 X 1-1/4 IN
253	108986	WASHER,FENDER, GR.2,PLTD, 1/4 X 1-1/2 IN
254	108989	WASHER,FENDER, GR.2,PLTD, 5/16 X 1-1/2
255	108990	WASHER,FENDER, GR.2,PLTD, 3/8 X 1-1/2 IN
256	108991	WASHER,FENDER,GR.2,PLTD,1/2 IN. X 2 IN.
257	108994	WASHER,BRASS,FINISHING,COUNTERSUNK, #10
258	109025	WASHER,FLAT,ZINC PLATED STEEL,1/4 IN.
259	109026	WASHER,FLAT,ZINC PLATED STEEL,5/16 IN.
260	109027	WASHER,FLAT,ZINC PLATED STEEL,3/8 IN.
261	109029	WASHER,FLAT,ZINC PLATED STEEL,1/2 IN.
262	109030	WASHER,FLAT,ZINC PLATED STEEL,5/8 IN.
263	109031	WASHER,FLAT,ZINC PLATED STEEL,3/4"
264	109032	WASHER,FLAT,ZINC PLATED STEEL,7/8 IN.
265	109033	WASHER,FLAT,ZINC PLATED STEEL,1 IN.
266	109034	WASHER,FLAT,ZINC PLATED STEEL, 1-1/8 IN.
267	109035	WASHER,FLAT,ZINC PLATED STEEL, 1-1/4 IN.
268	109050	WASHERS,LOCK,ZINC PLATED STEEL,1/4 IN.
269	109051	WASHERS,LOCK,ZINC PLATED STEEL,5/16 IN.

Item	MM #	DESCRIPTION
270	109052	WASHERS,LOCK,ZINC PLATED STEEL,3/8 IN.
271	109054	WASHERS,LOCK,ZINC PLATED STEEL,1/2 IN.
272	109055	WASHERS,LOCK,ZINC PLATED STEEL, 5/8 IN.
273	109056	WASHERS,LOCK,ZINC PLATED STEEL, 3/4 IN.
274	109057	WASHERS,LOCK,ZINC PLATED STEEL,7/8 IN.
275	109058	WASHERS,LOCK,ZINC PLATED STEEL, 1 IN.

#16C56-HARDWARE (STAINLESS)		
Item	MM #	DESCRIPTION
1	107592	NUT,HEX,SS,ELASTIC LOCK,NC,3/8"
2	107593	NUT,HEX,SS,ELASTIC LOCK,NC,5/8"
3	107612	NUT,FINISHED,HEX,SS,#6-32
4	107613	NUT,HEX,FINISHED,SS,#8-32
5	107614	NUT,HEX,FINISHED,SS,#10-32
6	107615	NUT,HEX,FINISHED,SS,#10-24
7	107616	NUT,HEX,FINISHED,SS,#12-24
8	107617	NUT,HEX,FINISHED,SS,1/4"
9	107618	NUT,HEX,FINISHED,SS,5/16"
10	107619	NUT,HEX,FINISHED,SS,3/8"
11	107620	NUT,HEX,FINISHED,SS,1/2"
12	107621	NUT,HEX,FINISHED,SS,5/8"
13	107622	NUT,HEX,FINISHED,SS,3/4"
14	107623	NUT,HEX,FINISHED,SS,1"
15	107648	NUT,LOCK,SS,W/NYLON INSERT,5/16"
16	107953	SCREW,CAP,HEX,SS,1/4"X 3/4"
17	107954	SCREW,CAP,HEX,SS,1/4"X 1"
18	107955	SCREW,CAP,HEX,SS,1/4"X 1-1/4"
19	107956	SCREW,CAP,HEX,SS,1/4"X 1-1/2"
20	107957	SCREW,CAP,HEX,SS,1/4"X 1-3/4"
21	107958	SCREW,CAP,HEX,SS,1/4"X 2"
22	107959	SCREW,CAP,HEX,SS,1/4"X 3"
23	107960	SCREW,CAP,HEX,SS,5/16"X 3/4"
24	107961	SCREW,CAP,HEX,SS,5/16"X 1"
25	107962	SCREW,CAP,HEX,SS,5/16"X 1-1/4"
26	107963	SCREW,CAP,HEX,SS,5/16"X 1-1/2"
27	107964	SCREW,CAP,HEX,SS,5/16"X 2"
28	107967	SCREW,CAP,HEX,SS,3/8"X 1"
29	107968	SCREW,CAP,HEX,SS,3/8"X 1-1/4"
30	107969	SCREW,CAP,HEX,SS,3/8"X 1-1/2"
31	107970	SCREW,CAP,HEX,SS,3/8"X 1-3/4"
32	107971	SCREW,CAP,HEX,SS,3/8"X 2"
33	107972	SCREW,CAP,HEX,SS,3/8"X 3"
34	107973	SCREW,CAP,HEX,SS,3/8"X 3-1/2"
35	107974	SCREW,CAP,HEX,SS,3/8"X 4"
36	107975	SCREW,CAP,HEX,SS,1/2"X 3/4"
37	107976	SCREW,CAP,HEX,SS,1/2"X 1"
38	107977	SCREW,CAP,HEX,SS,1/2"X 1-1/4"
39	107978	SCREW,CAP,HEX,SS,1/2"X 1-1/2"
40	107979	SCREW,CAP,HEX,SS,1/2"X 1-3/4"
41	107980	SCREW,CAP,HEX,SS,1/2"X 2"
42	107981	SCREW,CAP,HEX,SS,1/2"X 2-1/2"
43	107982	SCREW,CAP,HEX,SS,1/2"X 2-3/4"
44	107983	SCREW,CAP,HEX,SS,1/2"X 3"

Item	MM #	DESCRIPTION
45	107984	SCREW,CAP,HEX,SS,1/2"X 3-1/2"
46	107985	SCREW,CAP,HEX,SS,5/8"X 1"
47	107986	SCREW,CAP,HEX,SS,5/8"X 1-1/2"
48	107987	SCREW,CAP,HEX,SS,5/8"X 1-3/4"
49	107988	SCREW,CAP,HEX,SS,5/8"X 2"
50	107989	SCREW,CAP,HEX,SS,5/8"X 2-1/4"
51	107990	SCREW,CAP,HEX,SS,5/8"X 2-1/2"
52	107992	SCREW,CAP,HEX,SS,5/8"X 3"
53	107993	SCREW,CAP,HEX,SS,5/8"X 3-1/2"
54	107994	SCREW,CAP,HEX,SS,5/8"X 3-3/4"
55	108000	SCREW,CAP,HEX,SS,3/4"X 2"
56	108001	SCREW,CAP,HEX,SS,3/4"X 2-1/4"
57	108002	SCREW,CAP,HEX,SS,3/4"X 2-1/2"
58	108004	SCREW,CAP,HEX,SS,3/4"X 3"
59	108006	SCREW,CAP,HEX,SS,3/4"X 3-1/2"
60	108007	SCREW,CAP,HEX,SS,3/4"X 4"
61	108008	SCREW,CAP,HEX,SS,3/4"X 4-1/2"
62	108010	SCREW,CAP,HEX,SS,7/8"X 2"
63	108313	SCREW,MACH,SS,F/HD,PHIL,6-32 X 1/2"
64	108314	SCREW,MACH,SS,F/HD,PHIL,6-32 X 3/4"
65	108316	SCREW,MACH,SS,F/HD,PHIL,6-32 X 1-1/2"
66	108321	SCREW,MACH,SS,F/HD,PHIL,8-32 X 1"
67	108322	SCREW,MACH,SS,F/HD,PHIL,8-32 X 1-1/2"
68	108325	SCREW,MACH,SS,F/HD,PHIL,10-24 X 1/2"
69	108326	SCREW,MACH,SS,F/HD,PHIL,10-24 X 3/4"
70	108327	SCREW,MACH,SS,F/HD,PHIL,10-24 X 1"
71	108328	SCREW,MACH,SS,F/HD,PHIL,10-24 X 1-1/2"
72	108331	SCREW,MACH,SS,F/HD,PHIL,10-32 X 1/2"
73	108332	SCREW,MACH,SS,F/HD,PHIL,10-32 X 3/4"
74	108333	SCREW,MACH,SS,F/HD,PHIL,10-32 X 1"
75	108338	SCREW,MACH,SS,F/HD,PHIL,12-24 X 3/4"
76	108343	SCREW,MACH,SS,F/HD,PHIL,1/4 X 1/2"
77	108344	SCREW,MACH,SS,F/HD,PHIL,1/4 X 3/4"
78	108345	SCREW,MACH,SS,F/HD,PHIL,1/4 X 1"
79	108346	SCREW,MACH,SS,F/HD,PHIL,1/4 X 1-1/2"
80	108347	SCREW,MACH,SS,F/HD,PHIL,1/4 X 2"
81	108348	SCREW,MACH,SS,F/HD,PHIL,1/4 X 3"
82	108349	SCREW,MACH,SS,F/HD,PHIL,3/8 X 1"
83	108350	SCREW,MACH,F/HD,S.S,PHIL, 3/8 X 1-1/4 IN
84	108353	SCREW,MACH,SS,R/HD,PHIL,6-32 X 1/2"
85	108354	SCREW,MACH,SS,R/HD,PHIL,6-32 X 3/4"
86	108355	SCREW,MACH,SS,R/HD,PHIL,6-32 X 1"
87	108356	SCREW,MACH,SS,R/HD,PHIL,6-32 X 1-1/2"
88	108357	SCREW,MACH,SS,R/HD,PHIL,6-32 X 2"
89	108359	SCREW,MACH,SS,R/HD,PHIL,8-32 X 1/2"

Item	MM #	DESCRIPTION
90	108360	SCREW,MACH,SS,R/HD,PHIL,8-32 X 3/4"
91	108361	SCREW,MACH,SS,R/HD,PHIL,8-32 X 1"
92	108362	SCREW,MACH,SS,R/HD,PHIL,8-32 X 1-1/2"
93	108363	SCREW,MACH,SS,R/HD,PHIL,8-32 X 2"
94	108364	SCREW,MACH,SS,R/HD,PHIL,8-32 X 3"
95	108365	SCREW,MACH,SS,R/HD,PHIL,10-24 X 1/2"
96	108366	SCREW,MACH,SS,R/HD,PHIL,10-24 X 3/4"
97	108367	SCREW,MACH,SS,R/HD,PHIL,10-24 X 1"
98	108368	SCREW,MACH,SS,R/HD,PHIL,10-24 X 1-1/2"
99	108369	SCREW,MACH,SS,R/HD,PHIL,10-24 X 2"
100	108371	SCREW,MACH,SS,R/HD,PHIL,10-32 X 1/2"
101	108372	SCREW,MACH,SS,R/HD,PHIL,10-32 X 3/4"
102	108373	SCREW,MACH,SS,R/HD,PHIL,10-32 X 1"
103	108374	SCREW,MACH,SS,R/HD,PHIL,10-32 X 1-1/2"
104	108376	SCREW,MACH,SS,R/HD,PHIL,10-32 X 3"
105	108383	SCREW,MACH,SS,R/HD,PHIL,1/4-20 X 1/2"
106	108384	SCREW,MACH,SS,R/HD,PHIL,1/4-20 X 3/4"
107	108385	SCREW,MACH,SS,R/HD,PHIL,1/4-20 X 1"
108	108386	SCREW,MACH,SS,R/HD,PHIL,1/4-20 X 1-1/2"
109	108387	SCREW,MACH,SS,R/HD,PHIL,1/4-20 X 2"
110	108388	SCREW,SS,MACH,R/HD,PHIL,1/4-20 X 3"
111	108476	SCREW,SET,HEX,KNURL,S.S,1/4-20 X 1/4
112	108480	SCREW,SET,HEX,KNURL,S.S,1/4-20 X 1/2
113	108482	SCREW,SET,HEX,KNURL,S.S, 1/4-20 X 3/4
114	108487	SCREW,SET,HEX,KNURL,S.S,5/16-18 X 3/8
115	108493	SCREW,SET,HEX,KNURL,S.S,3/8-16 X 3/8
116	108494	SCREW,SET,HEX,KNURL,S.S, 3/8-16 X 1/2
117	108496	SCREW,SET,HEX,KNURL,S.S, 3/8-16 X 3/4
118	108503	SCREW,SET,HEX,KNURL,S.S, 1/2-13 X 1/2
119	108516	SCREW,SET,HEX,KNURL,S.S, 3/4-10 X 1 IN
120	108625	SCREW,S.METAL,SS,PN/HD,PHIL,#4 X 3/8"
121	108626	SCREW,S.METAL,SS,PN/HD,PHIL,#4 X 1/2"
122	108627	SCREW,S.METAL,SS,PN/HD,PHIL,#4 X 5/8"
123	108629	SCREW,S.METAL,SS,PN/HD,PHIL,#6 X 1/2"
124	108630	SCREW,S.METAL,SS,PN/HD,PHIL,#6 X 5/8"
125	108631	SCREW,S.METAL,SS,PN/HD,PHIL,#6 X 3/4"
126	108632	SCREW,S.METAL,SS,PN/HD,PHIL,#6 X 1"
127	108636	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 1/2"
128	108637	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 5/8"
129	108638	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 3/4"
130	108639	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 1"
131	108640	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 1-1/4"
132	108641	SCREW,S.METAL,SS,PN/HD,PHIL,#8 X 1-1/2"
133	108642	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 1/2"
134	108643	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 5/8"

Item	MM #	DESCRIPTION
135	108644	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 3/4"
136	108645	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 7/8"
137	108646	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 1"
138	108647	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 1-1/4"
139	108650	SCREW,S.METAL,SS,PN/HD,PHIL,#10 X 2"
140	108651	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 1/2"
141	108652	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 5/8"
142	108653	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 3/4"
143	108654	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 1"
144	108655	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 1-1/4"
145	108656	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 1-1/2"
146	108657	SCREW,S.METAL,SS,PN/HD,PHIL,#12 X 2"
147	108659	SCREW,S.METAL,SS,PN/HD,PHIL,#14 X 1"
148	108660	SCREW,S.METAL,SS,PN/HD,PHIL,#14 X 2"
149	109014	WASHER,FLAT,SS,TYPE 304,18-8,#6
150	109015	WASHER,FLAT,SS,T304,18-8,#8
151	109016	WASHER,FLAT,SS,T304,18-8,#10
152	109017	WASHER,FLAT,SS,T304,18-8,#12
153	109018	WASHER,FLAT,SS,T304,18-8,1/4"
154	109019	WASHER,FLAT,SS,T304,18-8,5/16"
155	109020	WASHER,FLAT,SS,T316,3/8"
156	109021	WASHER,FLAT,SS,T304,18-8,1/2"
157	109022	WASHER,FLAT,SS,T304,18-8,5/8"
158	109023	WASHER,FLAT,SS,T304,18-8,3/4"
159	109024	WASHER,FLAT,SS,TYPE 304,18-8,1"
160	109038	WASHER,LOCK,SS,1/4"
161	109039	WASHER,LOCK,SS,5/16"
162	109040	WASHER,LOCK,SS,TYPE 316,3/8"
163	109041	WASHER,LOCK,SS,1/2"
164	109042	WASHER,LOCK,SS,5/8"
165	109043	WASHER,LOCK,SS,3/4"
166	114554	SCREW,SELF DRILL,SS,HEX HD,#10 X 3/4"
167	114555	SCREW,SELF DRILL,SS,HEX HD,10 X 1"
168	115105	SCREW,CAP,SS,SOCKET HEAD,1/4-20 X 1/2"
169	115877	NUT,LOCK,SS,W/NYLON INSERT,1/2"-13



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0979, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to award Contract 16-673-13 (Re-Bid), Heavy Equipment Repairs at Various Locations, Group A to Howell Tractor & Equipment, LLC, in an amount not to exceed \$119,770.00, and Group B to Stevenson Crane Service, Inc., in an amount not to exceed \$615,960.00, Accounts 101-66000, 68000-612760, Requisitions 1404751, 1407147

Dear Sir:

On March 3, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to advertise for bids, Contract 16-673-11 Heavy Equipment Repairs at Various Locations.

In response to a public advertisement of May 4, 2016, a bid opening was held on May 24, 2016. All bids were rejected as reported at the Board meeting of June 16, 2016.

In response to a public re-advertisement of June 22, 2016, a bid opening was held on July 19, 2016. No bids were received for this contract.

On August 4, 2016, authorization to amend the Board Order of March 3, 2016 was approved by the Board of Commissioners.

In response to a public re-advertisement of August 10, 2016, a bid opening was held on August 30, 2016. The bid tabulation for this contract is:

<u>GROUP A: CALUMET SERVICE AREA</u>	
HOWELL TRACTOR & EQUIPMENT LLC	\$119,770.00
STEVENSON CRANE SERVICE, INC.	*\$124,640.00
MCCANN INDUSTRIES, INC.	\$142,400.00

<u>GROUP B: STICKNEY, LASMA, CALSMA</u>	
STEVENSON CRANE SERVICE, INC.	*\$615,960.00
HOWELL TRACTOR & EQUIPMENT LLC	\$754,655.00
*corrected total	

Two hundred sixty-six (266) companies were notified of this contract being advertised and ten (10) companies requested specifications.

Howell Tractor & Equipment LLC, the lowest responsible bidder for Group A, is proposing to perform the contract in accordance with the specifications. The estimated cost for Group A of this contract was \$90,440.00, placing their bid of \$119,770.00 approximately 32.4 percent above the estimate.

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Stevenson Crane Service, Inc., the lowest responsible bidder for Group B, is proposing to perform the contract in accordance with the specifications. The estimated cost for Group B of this contract was \$615,960.00, placing their bid of \$542,000.00 approximately 13.7 percent above the estimate.

The work under this contract shall commence upon approval of the Contractor's bond and terminate two years thereafter.

The Affirmative Action Ordinance, Revised Appendix D was not included in this contract because of the specialized nature of the work.

Howell Tractor & Equipment LLC and Stevenson Crane Service, Inc., have executed the Multi-Project Labor Agreement (MPLA) certificate as required. It is anticipated that the following construction trades will be utilized on this contract: operating engineers. The list of construction trades is not intended to confer any rights or jurisdiction upon any union or unions.

The contract will require approximately two (2) people for the services.

In view of the foregoing, it is recommended that the Director of Procurement and Materials Management be authorized to award Contract 16-673-13 (Re-Bid), Group A to Howell Tractor & Equipment, LLC, in an amount not to exceed \$119,770.00, and Group B to Stevenson Crane Service, Inc., in an amount not to exceed \$615,960.00, subject to the contractor furnishing a performance bond in form satisfactory to the Law Department and approved by the Director of Procurement and Materials Management.

Funds for the 2016 expenditure for Group A, in the amount of \$17,940.00, are available in Account 101- 68000-612760. The estimated expenditure for 2017 is \$50,000.00 and for 2018 is \$51,830.00. Funds for the 2017 and 2018 expenditures are contingent on the Board of Commissioners' approval of the District's budget for those years.

Funds for the 2016 expenditure for Group B, in the amount of \$187,960.00, are available in Account 101-66000-612760. The estimated expenditure for 2017 is \$214,000.00 and for 2018 is \$214,000.00. Funds for the 2017 and 2018 expenditures are contingent on the Board of Commissioners' approval of the District's budget for those years.

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management, DAL:SEB:cm
Respectfully Submitted, Barbara J. McGowan, Chairman, Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0919, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend agreement with CH2M Hill Engineers, Inc. for professional engineering design services for Contract 10-716-3P Lemont Pumping Station, Force Mains, Reservoir, and Wet Weather Treatment Facility in an amount of \$1,529,294.51, from an amount of \$6,774,000.00, to an amount not to exceed \$5,244,705.49, Account 401-50000-612450, Purchase Order 3070835

Dear Sir:

On December 15, 2011, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with CH2M Hill Engineers, Inc. for professional engineering design services for Contract 10-716-3P Lemont Pumping Station, Force Mains, Reservoir, and Wet Weather Treatment Facility, in an amount not to exceed \$6,774,000.00. The contract was completed on February 1, 2016.

There are no prior change orders for this contract.

This contract is complete and it is necessary to decrease and close this purchase order.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$1,529,294.51 (22.6% of the current contract value), from an amount of \$6,774,000.00, to an amount not to exceed \$5,244,705.49.

Funds will be restored to Account 401-50000-612450.

Requested, Catherine A. O'Connor, Director of Engineering, JB: AMB

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0920, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend agreement with Malcolm Pirnie, Inc. for professional engineering services for Contract 08-867-3P Digester Gas Utilization and Storage Facilities at the Stickney, Calumet, and Hanover Park Water Reclamation Plants in an amount of \$4,501,481.77, from an amount of \$8,256,435.00, to an amount not to exceed \$3,754,953.23, Account 401-50000-612450, Purchase Order 3061152

Dear Sir:

On November 19, 2009, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with Malcolm Pirnie, Inc. for professional engineering services for Contract 08-867-3P Digester Gas Utilization and Storage Facilities at the Stickney, Calumet, and Hanover Park Water Reclamation Plants, in an amount not to exceed \$8,256,435.00. The contract was completed on January 1, 2016.

There are no prior change orders for this contract.

This contract is complete and it is necessary to decrease and close this purchase order.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$4,501,481.77 (54.5% of the current contract value), from an amount of \$8,256,435.00, to an amount not to exceed \$3,754,953.23.

Funds will be restored to Account 401-50000-612450.

Requested, Catherine A. O'Connor, Director of Engineering, JB: AMB
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0921, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend agreement with Donahue and Associates, Inc. for professional engineering design services for Contract 06-023-3P Stop Logs and Diversion Pumps at Wilmette Pump Station and Evanston Pump Station Rehabilitation in an amount of \$388,305.71, from an amount of \$1,199,449.00, to an amount not to exceed \$811,143.29, Account 401-50000-612470, Purchase Order 3069162

Dear Sir:

On July 14, 2011, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with Donahue & Associates, Inc. for professional engineering design services for Contract 06-023-3P Stop Logs and Diversion Pumps at Wilmette Pump Station and Evanston Pump Station Rehabilitation, in an amount not to exceed \$1,199,449.00. The contract was completed on February 1, 2016.

There are no prior change orders for this contract.

This contract is complete and it is necessary to decrease and close this purchase order.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$388,305.71 (32.4% of the current contract value), from an amount of \$1,199,449.00, to an amount not to exceed \$811,143.29.

Funds will be restored to Account 401-50000-612470.

Requested, Catherine A. O'Connor, Director of Engineering, JB: AMB
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0922, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend agreement with CH2M Hill Engineers, Inc. for professional engineering services for Contract 11-241-3P Disinfection Facilities, Calumet Water Reclamation Plant in an amount of \$205,636.07, from an amount of \$6,308,396.00, to an amount not to exceed \$6,102,759.93, Account 401-50000-612470, Purchase Order 3073427

Dear Sir:

On April 19, 2012, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with CH2M Hill, Inc. for professional engineering services for Contract 11-241-3P Disinfection Facilities, Calumet Water Reclamation Plant, in an amount not to exceed \$6,308,396.00. The contract was completed on June 1, 2016.

There are no prior change orders for this contract.

This contract is complete and it is necessary to decrease and close this purchase order.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$205,636.07 (3.26% of the current contract value), from an amount of \$6,308,396.00, to an amount not to exceed \$6,102,759.93.

Funds will be restored to Account 401-50000-612470.

Requested, Catherine A. O'Connor, Director of Engineering, JB: AMB

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0926, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase purchase order to CDW Government, LLC to Furnish and Deliver Microsoft Software and Software Maintenance in an amount of \$31,896.50, from an amount of \$1,728,303.12, to an amount not to exceed \$1,760,199.62, Account 101-27000-623800, Purchase Order 3087702

Dear Sir:

On November 19, 2015, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order to CDW Government, LLC, to furnish and deliver Microsoft Software and Software Maintenance, in an amount not to exceed \$1,728,303.12. The contract expires on November 30, 2018.

This contract has no prior change orders.

The District's Microsoft Enterprise Agreement gives the District the flexibility to add licenses as needed throughout the year and to pay for those licenses at the end of the current budget year in one payment rather than purchasing the licenses incrementally. This change order is to cover the purchase of additional licenses required to support District databases.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase the purchase order in an amount of \$31,896.50 (1.85% of the current contract value), from an amount of \$1,728,303.12, to an amount not to exceed \$1,760,199.62.

Funds are available in Account 101-27000-623800.

Requested, John H. Sudduth, Director of Information Technology, JHS:SK:BVS:bvs
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0927, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase purchase order and amend the agreement with RSM US LLP (formerly McGladrey LLP), for Contract 14-RFP-36 ,Professional Auditing Services, in an amount of \$244,450.00, from an amount of \$258,750.00, to an amount not to exceed \$503,200.00, Accounts 101-40000-601170 and P802-11000-798200, Purchase Order 3086839

Dear Sir:

On July 9, 2015, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue purchase order and enter into an agreement for Contract 14-RFP-36 Professional Auditing Services with RSM US LLP (formerly McGladrey LLP), in an amount not to exceed \$258,750.00 with the option to renew the agreement for each of the four subsequent years. The contract expires in 2020.

There is no history of prior change orders.

The reason for the change order is to exercise the District's first option to extend the contract.

This change order is in compliance with the Illinois Criminal Code since the change is germane to the contract.

Minority firm utilization is expected to remain unchanged with 10% of the contract subcontracted to Prado & Renteria, a WBE/SBE firm and 20% to E.C. Ortiz & Co., a MBE/SBE firm. We anticipate these firms will assist with the preparation of the single audit, compliance testing, internal control testing and inventory and asset observations.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase the purchase order and amend the agreement for Contract 14-RFP-36 in an amount of \$244,450.00 (94% of the current contract value), from an amount of \$258,750.00, to an amount not to exceed \$503,200.00.

Funds are being requested in 2017 in Accounts 101-40000-601170 and P802-11000-798200 and are contingent on the Board of Commissioners' approval of the District's budget for that year.

Requested, Jacqueline Torres, Clerk/Director of Finance

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0931, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group A, to Ox Cart Trucking, Inc., in an amount of \$325,687.00 from an amount of \$4,413,075.30 to an amount not to exceed \$4,087,388.30, Account 101-66000-612520, Purchase Order 5001544

Dear Sir:

On February 18, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group A, to Ox Cart Trucking, Inc., in an amount not to exceed \$4,413,075.30. The contract will expire on December 31, 2018.

The contract has no prior change orders.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017 due to the anticipated success of the new composting program and operational efficiencies expected to be gained. As a result, there will be a reduction in the need for local trucking in 2017.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 16-691-11, Group A, in an amount of \$325,687.00 (approximately 7.4% of the current contract value) from an amount of \$4,413,075.30 to an amount not to exceed \$4,087,388.30.

Funds will be restored to Account 101-66000-612520.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0932, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group B, to Gosia Cartage, Ltd., in an amount of \$72,958.00 from an amount of \$2,594,716.38 to an amount not to exceed \$2,521,758.38, Account 101-66000-612520, Purchase Order 5001545

Dear Sir:

On February 18, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 16-691-11, Truck Hauling of Processed Solids for LASMA and CALSMA, Group B, to Gosia Cartage, Ltd., in an amount not to exceed \$2,294,716.38. The contract will expire on December 31, 2018.

As of September 1, 2016, the attached list of change orders has been approved. The effect of these change orders resulted in an increase in an amount of \$300,000.00 from the original amount awarded of \$2,294,716.38. The current contract value is \$2,594,716.38. The prior approved change orders reflect a 13.1% increase to the original contract value.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017 due to the anticipated success of the new composting program and operational efficiencies expected to be gained. As a result, there will be a reduction in the need for local trucking in 2017.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 16-691-11, Group B, in an amount of \$72,958.00 (approximately 2.8% of the current contract value) from an amount of \$2,594,716.38 to an amount not to exceed \$2,521,758.38.

Funds will be restored to Account 101-66000-612520.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

CONTRACT: 16-691-11

As Of: 9/1/2016 **Contract Type:** ZLF **Title:** Truck Hauling of Processed Solids for LASMA and CALSMA

Prepared by:
U.Ude

Group/Item:	Location:	Validity Dates:	Bid Deposit:	Final Completion:
A	LASMA	3/29/2016 - 12/31/2018	bond	
B	CALSMA	3/29/2016 - 12/31/2018	bond	

Group/ Item	Location	PO #	Vendor	Award Value	Change Order Incr/(Decr)	Adjusted Award Value	SAP PO Value	SAP SES Value	SAP Invoice Value	SAP Credit Memo Value	SAP Check Value	Pending Check Payment	PO Bal.
A	LASMA	5001544	6000035 OX CART TRUCKING INC	4,413,075.30	-	4,413,075.30	4,413,075.30	364,016.91	364,016.91	-	364,016.91	-	4,049,058.39
B	CALSMA	5001545	6000220 GOSIA CARTAGE LTD	2,294,716.38	300,000.00	2,594,716.38	2,594,716.38	346,645.57	346,645.57	-	346,645.57	-	2,248,070.81
						-			-	-		-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				6,707,791.68	300,000.00	7,007,791.68	7,007,791.68	710,662.48	710,662.48	-	710,662.48	-	6,297,129.20

Comments:



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0934, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 14-690-11, Beneficial Reuse of Biosolids from LASMA, CALSMA and the Egan Water Reclamation Plant, to Stewart Spreading, Inc., in an amount of \$1,521,738.00, from an amount of \$14,743,840.00, to an amount not to exceed \$13,222,102.00, Account 101-66000-612520, Purchase Order 5001472

Dear Sir:

On July 10, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 14-690-11, Beneficial Reuse of Biosolids from LASMA, CALSMA and the Egan Water Reclamation Plant, to Stewart Spreading, Inc., in an amount not to exceed \$19,188,702.50. The contract expires on December 31, 2018.

As of September 1, 2016, the attached list of change orders has been approved. The effect of these change orders resulted in a decrease in an amount of \$4,444,862.50 from the original amount awarded of \$19,188,702.50. The current contract value is \$14,743,840.00. The prior approved change orders reflect a 23.2% decrease to the original contract value.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017 due to the anticipated success of the new composting program and operational efficiencies expected to be gained. As a result, there will be a reduction in the need for the beneficial reuse program in 2017.

This change order is in compliance with the Illinois Criminal Code since the change is germane to the Contract.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 14-690-11, in an amount of \$1,521,738.00 (approximately 10.3% of the current contract value), from an amount of \$14,743,840.00, to an amount not to exceed \$13,222,102.00.

Funds will be restored to Account 101-66000-612520.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

CONTRACT: 14-690-11**As Of:** 8/23/2016**Contract Type:** ZLF**Title:** Truck Hauling & Land Application of Class 'B' BiosolidsPrepared by:
U.Ude

<u>Group/Item:</u>	<u>Location:</u>	<u>Validity Dates:</u>	<u>Bid Deposit:</u>	<u>Final Completion:</u>
A	LASMA	7/10/2014 - 12/31/2018	Bond	
B	CALSMA	7/10/2014 - 12/31/2018	Bond	

Group/ Item	Location	PO #	Vendor	Award Value	Change Order Incr/(Decr)	Adjusted Award Value	SAP PO Value	SAP SES Value	SAP Invoice Value	SAP Credit Memo Value	SAP Check Value	Pending Check Payment	PO Bal.
	LASMA/ CALSMA	5001472	6000190 Stewart Spreading	19,188,702.50	(4,444,862.50)	14,743,840.00	14,743,840.00	4,156,817.26	4,156,817.26	-	4,156,817.26	-	10,587,022.74
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				19,188,702.50	(4,444,862.50)	14,743,840.00	14,743,840.00	4,156,817.26	4,156,817.26	-	4,156,817.26	-	10,587,022.74

Comments:



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0935, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 98-RFP-10 Design, Build, Own, Finance, Operate and Maintain a 150 Dry Tons Per Day Biosolids Processing Facility at the Stickney Water Reclamation Plant and Beneficially Use the Final Product for a Period of 20 years, to Metropolitan Biosolids Management, LLC, in an amount of \$2,654,497.50 from an amount of \$208,100,750.65 to an amount not to exceed \$205,446,253.15, Account 101-69000-612590, Purchase Order 5000950

Dear Sir:

On December 21, 2000, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 98-RFP-10 Design, Build, Own Finance, Operate and Maintain a 150 Dry Tons Per Day Biosolids Processing Facility at the Stickney Water Reclamation Plant and Beneficially Use the Final Product for a Period of 20 years, to Metropolitan Biosolids Management, LLC, in an amount not to exceed \$217,169,089.74. The contract expires July 1, 2030.

As of August 23, 2016, the attached list of change orders has been approved. The effect of these change orders resulted in a decrease in an amount of \$9,068,339.09 from the original amount awarded of \$217,169,089.74. The current contract value is \$208,100,750.65. The prior approved change orders reflect a 4.2% decrease to the original contract value.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017. The reduction is recommended based on an updated estimate of 2017 tonnage production and consideration given for energy credits.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 98-RFP-10 in an amount of \$2,654,497.50 (1.3% of the current contract value) from an amount of \$208,100,750.65 to an amount not to exceed \$205,446,253.15.

Funds will be restored in Account 101-69000-612590.

Requested, John. P. Murray, Acting Director of Maintenance and Operations, BP:SO'C:MAG:JR:JK
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

File #: 16-0935, **Version:** 1

Attachment

CONTRACT: 98-RFP-10-Pelletizer Operations

As Of: 8/23/2016 **Contract Type:** ZLFN **Title:** Design, Build, Own, Finance, Operate and Maintain a 150 Dry tons/Day
Biosolids Processing Facility at SWRP

Prepared by:
U.Ude

Group/Item: **Location:** **Validity Dates:** **Bid Deposit:** **Final Completion:**
M & O - Service Fee 11/1/08 - 12/31/18
Engr. - Facility Fee 11/1/08 - 12/31/18

Group/Item	Location	PO #	Vendor	Award Value	Change Order Incr/(Decr)	Adjusted Award Value	SAP PO Value	SAP SES Value	SAP Invoice Value	SAP Credit Memo Value	SAP Check Value	Pending Check Payment	PO Bal.
	M & O - Service Fee	5000950	Metropolitan Biosolids Mgmt. LLC 6001250	127,997,551.16	(3,020,008.37)	124,977,542.79	55,608,197.79	26,873,025.81	-	-	-	-	28,735,171.98
	Engr. - Facility Fee	5001145	Metropolitan Biosolids Mgmt. LLC 6001250	89,171,538.58	(6,048,330.72)	83,123,207.86	83,123,207.86	21,759,704.86	-	-	-	-	61,363,503.00
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				217,169,089.74	(9,068,339.09)	208,100,750.65	138,731,405.65	48,632,730.67	-	-	-	-	90,098,674.98

Comments:**PO 5000950 Change History in relation to award value:**

	Change Value	Date	Reason
1)	\$ 4,531,852.31	9/17/2010	Add 2009 and 2010 unplanned testing value
2)	\$ (925,983.28)	2/7/2011	Reduce 2010 line to actual usage
3)	\$ (672,825.54)	3/19/2012	Reduce 2011 line to actual usage
4)	\$ (1,568,904.33)	3/13/2013	Reduce 2012 line to actual usage
5)	\$ (932,133.07)	2/13/2014	Reduce 2013 line to actual usage
6)	\$ (1,534,181.42)	2/6/2015	Reduce 2014 line to actual usage
7)	\$ (1,917,833.04)	2/16/2016	Reduce 2015 line to actual usage



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0936, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 16-625-11, Diving Services at Various Locations, to Ballard Marine Construction, Inc., in an amount of \$21,960.00 from an amount of \$222,560.00 to an amount not to exceed \$200,600.00, Account 101-66000-612490, Purchase Order 5001555

Dear Sir:

On April 21, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 16-625-11, Diving Services at Various Locations, to Ballard Marine Construction, Inc., in an amount not to exceed \$222,560.00. The contract will expire on December 31, 2017.

The contract has no prior change orders.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017. The reduction is recommended based on the anticipated need for inspections and screen cleanings in 2017.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 16-625-11 in an amount of \$21,960.00 (approximately 9.9% of the current contract value) from an amount of \$222,560.00 to an amount not to exceed \$200,600.00.

Funds will be restored to Account 101-66000-612490.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BP:SO'C:MAG:JR:JK
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0937, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 14-692-12, Utilization and Transportation of Air Dried Biosolids from LASMA and CALSMA, to Synagro Central, LLC, Option C, (Items 1 and 4), in an amount of \$552,200.00 from an amount of \$4,164,494.43 to an amount not to exceed \$3,612,294.43, Account 101-66000-612520, Purchase Orders 5001457 and 5001458

Dear Sir:

On April 17, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 14-692-12, Utilization and Transportation of Air Dried Biosolids from LASMA and CALSMA, to Synagro Central, LLC, Option C, (Items 1 and 4), in an amount not to exceed \$4,587,200.00. The contract will expire on September 8, 2017.

As of August 26, 2016, the attached list of change orders has been approved. The effect of these change orders resulted in a decrease in an amount of \$422,705.57 from the original amount awarded of \$4,587,200.00. The current contract value is \$4,164,494.43. The prior approved change orders reflect a 9.2% decrease to the original contract value.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017 due to the anticipated success of the new composting program and operational efficiencies expected to be gained. As a result, there will be a reduction in the need for local trucking in 2017.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease Contract 14-692-12, in an amount of \$552,200.00 (approximately 13.3% of the current contract value) from an amount of \$4,164,494.43 to an amount not to exceed \$3,612,294.43.

Funds will be restored to Account 101-66000-612520.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

CONTRACT: 14-692-12**As Of:** 8/26/2016**Contract Type:** ZLF**Title:** Utilization and Transportation of Biosolids at CALSMA/LASMAPrepared by:
U.Ude

<u>Group/Item:</u>	<u>Location:</u>	<u>Validity Dates:</u>	<u>Bid Deposit:</u>	<u>Final Completion:</u>
A	LASMA	bond date + 40 months	bond	
B	CALSMA	bond date + 40 months	bond	

Group/ Item	Location	PO #	Vendor	Award Value	Change Order Incr/(Decr)	Adjusted Award Value	SAP PO Value	SAP SES Value	SAP Invoice Value	SAP Credit Memo Value	SAP Check Value	Pending Check Payment	PO Bal.
A	LASMA	5001457	6000085 Synagro Central LLC	2,509,950.00	(139,781.68)	2,370,168.32	2,370,168.32	1,071,251.07	1,070,306.14	-	1,070,306.14	944.93	1,298,917.25
B	CALSMA	5001458	6000085 Synagro Central LLC	2,077,250.00	(282,923.89)	1,794,326.11	1,794,326.11	701,689.62	701,283.95	-	701,283.95	405.67	1,092,636.49
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
				4,587,200.00	(422,705.57)	4,164,494.43	4,164,494.43	1,772,940.69	1,771,590.09	-	1,771,590.09	1,350.60	2,391,553.74

Comments:



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0943, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend the agreement with Carlson Environmental, Inc., for professional environmental consulting services, including Phase II environmental site investigations of MWRDGC-owned land, in an amount of \$14,100.00 from an amount of \$600,000.00 to an amount not to exceed \$585,900.00, Account 101-66000-612430, Purchase Order 3088388

Dear Sir:

On January 7, 2016, the Director of Procurement and Materials Management issued a purchase order to Carlson Environmental, Inc., for professional environmental consulting services, including Phase II environmental site investigations of MWRDGC-owned land, in an amount not to exceed \$600,000.00. The purchase order expires on December 31, 2018.

The purchase order has no prior change orders.

A decrease in the value of the purchase order is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017. The reduction is recommended based on the anticipated need for Phase 2 Environmental Site Assessments during 2017.

This change order is in compliance with the Illinois Criminal Code since these changes are due to circumstances not reasonably foreseeable at the time the purchase order was issued, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$14,100.00 (approximately 2.4% of the current purchase order's value), from an amount of \$600,000.00, to an amount not to exceed \$585,900.00.

Funds will be restored to Account 101-66000-612430.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG:JR:SSG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0944, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease purchase order and amend the agreement with Huff & Huff, Inc., for professional environmental consulting services including Phase II environmental site investigations of MWRDGC-owned land, in an amount of \$14,100.00 from an amount of \$600,000.00 to an amount not to exceed \$585,900.00, Account 101-66000-612430, Purchase Order 3087956

Dear Sir:

On December 3, 2015, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement with Huff & Huff, Inc., for professional environmental consulting services including Phase II environmental site investigations of MWRDGC-owned land, in an amount not to exceed \$600,000.00. The contract will expire on December 31, 2018.

The contract has no prior change orders.

A decrease in contract value is being requested because the estimated expenditure for 2017 is less than the original award amount for 2017. The reduction is recommended based on the anticipated need for Phase 2 Environmental Site Assessments during 2017.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order and amend the agreement in an amount of \$14,100.00 (2.4% of the current contract value) from an amount of \$600,000.00 to an amount not to exceed \$585,900.00

Funds will be restored to Account 101-66000-612430.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BP:SO'C:MAG:JR:JK
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0945, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON Procurement

Mr. David St. Pierre, Executive Director

Authority to increase purchase order and exercise an option to extend agreement for a one-year period, for Contract 16-RFP-01 Perform Federal Legislative Consulting Services, with O'Connell & Dempsey, LLC, in an amount not to exceed \$360,000.00, from an amount of \$382,800.00, to an amount not to exceed \$742,800.00, Account 101-15000-612430, Purchase Order 3088453

Dear Sir:

At the Board meeting of January 21, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement for Contract 16-RFP-01 Perform Federal Legislative Consulting Services, with O'Connell & Dempsey, LLC, in an amount not to exceed \$382,800.00. The contract expires on December 31, 2016.

There is no history of prior change orders.

Under the terms of the agreement, the District is allowed an option to extend the services for two (2) additional one-year periods using a reduced monthly fee in effect under the above purchase order.

This change order is in compliance with the Illinois Criminal Code because it was specifically provided for in the original contract, is germane to the original contract as signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase the purchase order and exercise an option to extend the agreement for a one-year period, for Contract 16-RFP-01 with O'Connell & Dempsey, LLC in an amount of \$360,000.00 (94% of the current contract value), from an amount of \$382,800.00, to an amount not to exceed \$742,800.00.

Funds for the 2017 expenditure in Account 101-15000-612430 are contingent on the Board of Commissioners' approval of the District's budget for that year.

Requested, Eileen M. McElligott, Administrative Services Manager, SAR:SKL:JM:SL
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0946, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase purchase order and exercise an option to extend agreement for a one-year period, for Contract 15-RFP-02 State Legislative Liaison Consulting Services, with Kevin J. Fitzpatrick, in an amount not to exceed \$102,000.00, from an amount of \$204,000.00, to an amount not to exceed \$306,000.00, Account 101-15000-612430, Purchase Order 3084016

Dear Sir:

At the Board meeting of November 20, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into an agreement for Contract 15-RFP-02 State Legislative Liaison Consulting Services, with Kevin J. Fitzpatrick, in an amount not to exceed \$102,000.00. The contract expires on December 31, 2016.

As of September 2, 2016, the attached change order has been approved. The net effect of this change order resulted in an increase totaling \$102,000.00, from the amount originally awarded of \$102,000.00. The current value is \$204,000.00. The prior approved changes reflect a 100.0% increase to the original contract value.

Under the terms of the agreement, the District is allowed an option to extend the services for two (2) additional one-year periods using the same monthly fees in effect under the above purchase order. The first one-year extension was approved at the Board meeting of November 5, 2015.

This change order is in compliance with the Illinois Criminal Code because it was specifically provided for in the original contract, is germane to the original contract as signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase the purchase order and exercise an option to extend the agreement for a one-year period, for Contract 15-RFP-02 with Kevin J. Fitzpatrick in an amount of \$102,000.00 (50.0% of the current contract value), from an amount of \$204,000.00, to an amount not to exceed \$306,000.00.

Funds for the 2017 expenditure in Account 101-15000-612430 are contingent on the Board of Commissioners' approval of the District's budget for that year.

Requested, Eileen M. McElligott, Administrative Services Manager, SAR:SKL:JM:SL
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

PO No.	:	3084016	Original Value:	102,000.00
Tracking No.	:	15061	Approved Value:	204,000.00
Vendor No.	:	5009379	Current Value :	204,000.00

Change				File		Board				Seq.	Change	Object
Number	Text	Value	Initiator	Date	Letter	COR #	Approval	Status	Approver	No.	Number	Class
*****	*****	*****	*****	****	*****	*****	*****	*****	*****	***	*****	*****
0001	C/O INC PER 11/5/15 BD MTG, AGENDA # 39, FILE # 15-1182	102,000.00 INC	SIMKHINM	11/12/2015			X	Approved	USDALYC			
										0001	5309810	EINKBELEG



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0948, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to increase purchase orders and exercise an option to extend agreements for a one-year period, for Contract 15-RFP-03 State Legislative Consulting Services, with Charles R. Vaughn, in an amount not to exceed \$21,000.00, Ado Leo Rugai, Attorney and Counselor at Law, in an amount not to exceed \$21,000.00, Paul L. Williams & Associates, in an amount not to exceed \$21,000.00, and Miguel A. Santiago Consulting, Inc., in an amount not to exceed \$21,000.00, from an amount of \$168,000.00, to an amount not to exceed \$252,000.00, Account 101-15000-612430, Purchase Orders 3084096, 3084097, 3084098, and 3084099

Dear Sir:

At the Board meeting of December 4, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to issue a purchase order and enter into agreements for Contract 15-RFP-03 State Legislative Consulting Services, with Charles R. Vaughn, Ado Leo Rugai, Attorney and Counselor at Law, Paul L. Williams & Associates, and Miguel A. Santiago Consulting, Inc., in an amount not to exceed \$84,000.00. The contract expiration coincides with the end of the 2016 legislative and veto sessions of the Illinois State Legislature.

As of September 2, 2016, the attached change orders have been approved. The net effect of these change orders resulted in an increase totaling \$84,000.00, from the amount originally awarded of \$84,000.00. The current value is \$168,000.00. The prior approved changes reflect a 100.0% increase to the original contract value.

Under the terms of the agreement, the District is allowed an option to extend the services for two (2) additional one-year periods using the same monthly fees in effect under the above purchase orders. The first one-year extensions were approved at the Board meeting of November 5, 2015.

This change order is in compliance with the Illinois Criminal Code because it was specifically provided for in the original contract, is germane to the original contract as signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to increase the purchase orders and exercise an option to extend the agreements for a one-year period, for Contract 15-RFP-03 with Charles R. Vaughn, Ado Leo Rugai, Attorney and Counselor at Law, Paul L. Williams & Associates, and Miguel A. Santiago Consulting, Inc. in an amount of \$84,000.00 (50.0% of the current contract value), from an amount of \$168,000.00, to an amount not to exceed \$252,000.00.

Funds for the 2017 expenditure in Account 101-15000-612430 are contingent on the Board of Commissioners' approval of the District's budget for that year.

Requested, Eileen M. McElligott, Administrative Services Manager, SAR:SKL:JM:SL

File #: 16-0948, **Version:** 1

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachments

PO No.	:	3084096	Original Value:	21,000.00
Tracking No.	:	11012	Approved Value:	42,000.00
Vendor No.	:	5005547	Current Value :	42,000.00

Change Number	Text	Value	Initiator	Date	File Letter	COR #	Board Approval	Status	Approver	Seq. No.	Change Number	Object Class
0001	C/O INCREASE PER 11/5/15 BD MTG, AGENDA # 40, FILE # 15-1183	21,000.00 INC	SIMKHINM	11/12/2015			X	Approved	USNEUBAUERJ	0001	5309803	EINKBELEG

PO No.	:	3084097	Original Value:	21,000.00
Tracking No.	:		Approved Value:	42,000.00
Vendor No.	:	5013920	Current Value :	42,000.00

Change Number	Text	Value	Initiator	Date	File Letter	COR #	Board Approval	Status	Approver	Seq. No.	Change Number	Object Class
0001	C/O INCREASE PER 11/5/15 BD MTG, AGENDA # 40, FILE # 15-1183	21,000.00 INC	SIMKHINM	11/12/2015			X	Approved	USNEUBAUERJ	0001	5309825	EINKBELEG

PO No.	:	3084098	Original Value:	21,000.00
Tracking No.	:		Approved Value:	42,000.00
Vendor No.	:	5006141	Current Value :	42,000.00

Change					File		Board			Seq.	Change	Object
Number	Text	Value	Initiator	Date	Letter	COR #	Approval	Status	Approver	No.	Number	Class
*****	*****	*****	*****	****	*****	*****	*****	*****	*****	***	*****	*****
0001	C/O INCREASE PER 11/5/15 BD MTG, AGENDA # 40, FILE # 15-1183	21,000.00 INC	SIMKHINM	11/12/2015			X	Approved	USNEUBAUERJ			
										0001	5309826	EINKBELEG

Change					File		Board			Seq.	Change	Object
Number	Text	Value	Initiator	Date	Letter	COR #	Approval	Status	Approver	No.	Number	Class
*****	*****	*****	*****	****	*****	*****	*****	*****	*****	***	*****	*****
0001	C/O INCREASE PER 11/5/15 BD MTG, AGENDA # 40, FILE # 15-1183	21,000.00 INC	SIMKHINM	11/12/2015			X	Approved	USNEUBAUERJ			
										0001	5309813	EINKBELEG



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0949, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 14-425-12, Furnish and Deliver Offset and Miscellaneous Specialty Paper to Various District Locations for a Thirty-Six (36) Month Period, to Unisource Worldwide, Inc. in an amount of \$16,900.00, from an amount of \$250,855.98 to an amount not to exceed \$233,955.98. Account 101-15000-623520, Purchase Order 3082250

Dear Sir:

On August 7, 2014, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 14-425-12, Furnish and Deliver Offset and Miscellaneous Specialty Paper to Various District Locations for a Thirty-Six (36) Month Period, in an amount not to exceed \$334,367.13. The contract expires on September 9, 2017.

As of September 2, 2016, the attached list of change orders has been approved. The effect of these change orders resulted in a decrease of \$83,511.15 from the original awarded amount of \$334,367.13. The current contract value is \$250,855.98. The prior approved change orders reflect a 24.98% decrease to the original contract value.

A decrease in the contract value is being requested at this time due to a change in the forecasted usage of specialty paper in 2017 resulting from green initiatives implemented to decrease the demand for paper.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order for Contract 14-425-12 in an amount of \$16,900.00 (6.74% of the current contract value) from an amount of \$250,855.98 to an amount not to exceed \$233,955.98.

Funds will be restored to Account 101-15000-623520.

Requested, Eileen M. McElligott, Administrative Services Manager, SAR:SKL:JRM:TG
Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management
Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

FO No. : 3082250
Tracking No. :
Vendor No. : 5006445

Original Value: 334,367.13
Approved Value: 250,855.98
Current Value : 250,855.98

Charge Number	Text	Value	Initiator	Date	File Letter	CR #	Board Approval	Status	Approver	Seq. No.	Charge Number	Object Class
0001	Per Board Order of 10/16/14, File # 14-1183.	35,100.00 DEC	GLADCHT	10/21/2014				Approved	USMNC	0001	5014155	ENGINEER3
0002	02/05/15 EOC, #15-0073, CA	23,954.10 DEC	GLADCHT	01/23/2015				Approved	UNNEPAERJ	0001	5014156	WM_SERVICE
0003	ED approved net zero charge order.	0.00 NOC	GLADCHT	09/03/2015				Approved	UNNEPAERJ	0002	5093266	ENGINEER3
										0002	5093267	WM_SERVICE
										0003	5241481	ENGINEER3
										0003	5241482	WM_SERVICE
										0003	5241483	WM_SERVICE
0004	02/04/16 EOC, #16-0054, CA	24,457.05 DEC	GLADCHT	02/04/2016				Approved	UNNEPAERJ	0004	5376007	ENGINEER3
										0004	5376008	WM_SERVICE



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0950, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON PROCUREMENT

Mr. David St. Pierre, Executive Director

Authority to decrease Contract 16-405-12 (Re-Bid), Provide Maintenance and Printing Supplies for Xerox Nuvera 288 and DocuColor 7002 at the MWRDGC Print Shop for a Thirty-Six (36) Month Period, to Xerox Corporation, in an amount of \$12,575.00, from an amount of \$251,900.00 to an amount not to exceed \$239,325.00, Account 101-15000-612800, Purchase Order 3088797

Dear Sir:

On February 18, 2016, the Board of Commissioners authorized the Director of Procurement and Materials Management to award Contract 16-405-12 (Re-Bid), Provide Maintenance and Printing Supplies for Xerox Nuvera 288 and DocuColor 7002 at the MWRDGC Print Shop for a Thirty-Six (36) Month Period, to Xerox Corporation, in an amount not to exceed \$251,900.00. The contract expires on March 8, 2019.

As of September 2, 2016, the attached change order has been approved. The effect of this change order resulted in a net zero change.

A decrease in the contract value is being requested at this time due to a change in the forecasted number of click charges in 2017 resulting in reduced maintenance expenditures.

This change order is in compliance with the Illinois Criminal Code since the change is due to circumstances not reasonably foreseeable at the time the contract was signed, and is in the best interest of the District.

It is hereby recommended that the Board of Commissioners authorize the Director of Procurement and Materials Management to execute a change order to decrease the purchase order for Contract 16-405-12 (Re-Bid) in an amount of \$12,575.00 (5.00% of the current contract value) from an amount of \$251,900.00 to an amount not to exceed \$239,325.00.

Funds will be restored to Account 101-15000-612800.

Requested, Eileen M. McElligott, Administrative Services Manager, SAR:SKL:JRM

Recommended, Darlene A. LoCascio, Director of Procurement and Materials Management

Respectfully Submitted, Barbara J. McGowan, Chairman Committee on Procurement

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

Client : 100

Report Name: ZREP_CHANGE_ORDER_LOG

Requester : GLADCHT

Change Order Log Report

System: HRD
09/01/2016 14:53:1
Page: 1

PO No. : 3085797

Tracking No. :

Vendor No. : 5007248

Original Value: 251,900.00
Approved Value: 251,900.00
Current Value : 251,900.00

Change Number	Text	Value	Initiator	Date	File Letter	CR #	Board Approval	Status	Approver	Seq. No.	Change Number	Object Class
0001	Net zero change order from maint to click drags.	0.00 NOC	GLADCHT	05/16/2016				Approved	UNREPAIR	0001	5449766	ENGINEER
										0001	5449767	WM_SERVICE
										0001	5449768	WM_SERVICE



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0966, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON BUDGET AND EMPLOYMENT

Mr. David St. Pierre, Executive Director

Authority to transfer 2016 departmental appropriations in the amount of \$3,700,000.00 in the Capital Improvements Bond Fund

Dear Sir:

Attached is the departmental appropriation transfer requested to be authorized at the September 15, 2016 Regular Board Meeting, for the following fund:

Capital Improvements Bond Fund:	From Amount	To Amount
Intra - Departmental 50000 - Capital Improvements Bond Fund	\$3,700,000.00	\$3,700,000.00
Total Capital Improvements Bond Fund	<u>\$3,700,000.00</u>	<u>\$3,700,000.00</u>

It is requested that the Board of Commissioners authorize the transfer of appropriations submitted herewith.

Requested, Eileen M. McElligott, Administrative Services Manager:SAR:SKL:IG:DT:NG

Respectfully Submitted, Kari K. Steele, Chairman Committee on Budget and Employment

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
2016 Request for Line Item Transfer

Page ____ of ____

Dept: Engineering - Bond FundBoard Meeting Date: Sep 15, 2016BTB Date: Aug 15, 2016**TRANSFER 2016 FUNDS FROM:**

CODE <small>Fund Fund Ctr Cmt Item</small>	BUDGETARY ACCOUNT NAME	APPROPRIATION		FUNDS AVAILABLE	OUT AMOUNT	EXPLANATION
		ORIGINAL	ADJUSTED			
401 50000 645620	Waterway Facilities Structures	\$75,427,700	\$135,167,861	\$80,011,793	\$3,700,000	Funds are available due to the deferral to 2017 of Contract 14-263-3F, Melvina Ditch Reservoir Improvements. The property acquisitions needed in order to start the project are currently underway.
TOTAL:					\$3,700,000	

TRANSFER 2016 FUNDS INTO:

CODE <small>Fund Fund Ctr Cmt Item</small>	BUDGETARY ACCOUNT NAME	APPROPRIATION		FUNDS AVAILABLE	IN AMOUNT	EXPLANATION
		ORIGINAL	ADJUSTED			
401 50000 656010	Land	\$10,300,000	\$10,300,000	\$10,300,000	\$3,700,000	Funds are needed for property acquisitions relating to Contract 14-263-3F, Melvina Ditch Reservoir Improvements. Available funds in this Commitment Item are budgeted for property acquisitions relating to two other flood control contracts.
TOTAL:					\$3,700,000	

REQUESTED: *Catherine A O'Connor*
 Department Head

REVIEWED: *Shelli A. Reder*
 Budget Officer

APPROVED: *Deirdre R*
 Executive Director



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0954, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON ENGINEERING

Mr. David St. Pierre, Executive Director

Report on change orders authorized and approved by the Director of Engineering during the months of July and August 2016

Dear Sir:

One change order was approved by the Director of Engineering that cumulatively, but not individually, increased or decreased the value of the contract by \$10,000.00 or less during July and August 2016. The contract and related data is listed in Attachment 1.

Twenty-one change orders were approved by the Director of Engineering on contracts with a 5% contingency provision for errors and omissions and unforeseen circumstances, for an increase or decrease of \$100,000.00 or less during July and August 2016. The contracts and related data are listed in Attachment 2.

Please advise the undersigned if additional information is required.

Respectfully Submitted, Catherine A. O'Connor, Director of Engineering, MVL

Attachments

Report on Change Orders Authorized by the Director of Engineering that Increased or Decreased the Contract by \$10,000 or Less for July and August 2016

Contract Number	Contract Name	Purchase Order	Vendor Name	Amount	Description	Original Contract Value	Current Contract Value at August 31, 2016	Scheduled Contract Completion Date
11-195-AP	Phosphorous Recovery Facility, SWRP	5001478	Black & Veatch Construction Inc.	\$ 8,716.81	CCO-002, CN0473 Streetlight Ductbank Interference with Pipe Bridge Foundation	\$31,879,000.00	\$32,058,037.48	9/18/2016

Report on Change Orders on Contracts with 5% Contingency Provision Authorized by the Director of Engineering for July and August 2016

Contract Number	Contract Name	Purchase Order	Vendor Name	Amount	Description	Original Contract Value	Current Contract Value at August 31, 2016	Scheduled Contract Completion Date
04-128-3P	Westside Primary Settling Tanks & Aerated Grit Tanks	4000020	IHC Construction and F. H. Paschen, S.N. Nielsen Joint Venture	\$22,946.00	CCO-054, CN1499 Plenum Box Drain Connections	\$224,760,000.00	\$229,182,791.55	4/6/2018
04-128-3P	Westside Primary Settling Tanks & Aerated Grit Tanks	4000020	IHC Construction and F. H. Paschen, S.N. Nielsen Joint Venture	\$17,523.00	CCO-061, CN1424 Additional Heat Trace Required for AHU-214 Mechanical Pipes Lab	\$224,760,000.00	\$229,182,791.55	4/6/2018
04-128-3P	Westside Primary Settling Tanks & Aerated Grit Tanks	4000020	IHC Construction and F. H. Paschen, S.N. Nielsen Joint Venture	\$18,506.00	CCO-066, CN1584 Safety Hand Railing on the Roof of the Lab Building	\$224,760,000.00	\$229,182,791.55	4/6/2018
04-128-3P	Westside Primary Settling Tanks & Aerated Grit Tanks	4000020	IHC Construction and F. H. Paschen, S.N. Nielsen Joint Venture	(\$ 3,456.00)	CCO-071, CN1553 Delete District Travel for Electrical Equipment Factory Witness Testing	\$224,760,000.00	\$229,182,791.55	4/6/2018
06-158-3S	Des Plaines Intercepting Sewer Rehabilitation, SSA	4000012	Kenny Construction Company	\$1,679.70	CCO-021, CN0271 Removal of Abandoned Pipe in Special Manhole 138+12	\$13,260,672.00	\$13,738,423.87	8/18/2016
09-181-3P	Battery C Airlift & Air Main Rehabilitation and Aeration Tanks No. 6, 7, and 8 Diffuser Plate Replacement	4000017	Morrison Construction Company	\$72,000.00	CCO-003, CN0111 Additional Mud Valves - Battery C Airlift Sludge Boxes	\$4,881,000.00	\$5,050,325.33	11/12/2016
10-716-3P	Wet Weather Treatment Facility & Reservoir, LEMONT WRP	4000006	Joseph J. Henderson & Son Inc.	\$5,744.30	CCO-034, CN0782 Fire Hydrant Relocation	\$29,097,000.00	\$30,157,071.05	6/24/2016
10-880-3H	TARP Control Structure Rehabilitation, NSA, SSA, and CSA	4000009	IHC Construction Companies, LLC	(\$19,118.00)	CCO-029, CN0353 Type 2 Pedestal Repair Credit Cleaning & Painting Existing Actuator Pedestals	\$14,410,000.00	\$14,802,881.56	8/22/2016
10-883-AF	Flood Control/Streambank Stabilization on Tinley Creek	4000028	Industria, Inc.	\$7,188.00	CCO-002, CN0083 Ballfield Light Pole Relocation Near STA 20+00	\$7,222,220.00	\$7,268,087.96	10/5/2019
11-054-3P	Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant	4000005	Walsh Construction Company II, LLC.	\$52,282.55	CCO-008, CN1807 FCS-2/UVDB Over Excavation	\$59,899,650.00	\$62,512,131.95	12/19/2015
11-054-3P	Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant	4000005	Walsh Construction Company II, LLC.	\$79,017.62	CCO-047, CN1814 Concrete Encasement at FCS-3	\$59,899,650.00	\$62,512,131.95	12/19/2015

Report on Change Orders on Contracts with 5% Contingency Provision Authorized by the Director of Engineering for July and August 2016

11-054-3P	Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant	4000005	Walsh Construction Company II, LLC.	\$7,098.03	CCO-052, CN1810 Increase rebar cages of street light pole bases	\$59,899,650.00	\$62,512,131.95	12/19/2015
11-054-3P	Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant	4000005	Walsh Construction Company II, LLC.	\$1,152.90	CCO-053, CN1823 LSH 931 Mounting Detail	\$59,899,650.00	\$62,512,131.95	12/19/2015
11-054-3P	Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant	4000005	Walsh Construction Company II, LLC.	\$ 903.29	CCO-054, CN1826 Provide OSY Gate Valve for CW Limit Switch (Modification to CCO-041)	\$59,899,650.00	\$62,512,131.95	12/19/2015
11-403-2P	Membrane Gas Holder Replacement and Digester Cleaning at Egan Water Reclamation Plant	4000018	Path Construction	(\$ 188.00)	CCO-002, CN0213 Not Testing Ground Connections Prior to Demolition Work	\$4,364,000.00	\$5,158,002.63	1/12/2017
11-403-2P	Membrane Gas Holder Replacement and Digester Cleaning at Egan Water Reclamation Plant	4000018	Path Construction	\$31,644.14	CCO-006, CN0245 LEL Sensor and FRV Valve Replacement at Digesters A, B, and D	\$4,364,000.00	\$5,158,002.63	1/12/2017
11-405-3M	Coarse Screens and RSP Slide Gates Replacements	4000014	IHC Construction Companies, LLC	\$17,121.13	CCO-010, CN0289 Installation of Return/Relief Ductwork	\$2,714,000.00	\$2,835,172.31	4/1/2016
11-405-3M	Coarse Screens and RSP Slide Gates Replacements	4000014	IHC Construction Companies, LLC	\$1,285.47	CCO-012, CN0288 Removal of Embedded Wood in Raw Sewage Pump Pit Wallls	\$2,714,000.00	\$2,835,172.31	4/1/2016
13-409-3P	Nitrogen Removal in Centrate Egan Water Reclamation Plant	4000024	IHC Construction Companies, LLC	\$35,698.47	CCO-007, CN0222 Crack Repair for Reactor Tanks and Equalization Tank	\$2,675,000.00	\$2,758,509.20	6/5/2016
13-409-3P	Nitrogen Removal in Centrate Egan Water Reclamation Plant	4000024	IHC Construction Companies, LLC	\$2,737.55	CCO-008, CN0219 Additional Masonry Work at New Openings for Doors 102-5 and 102-6	\$2,675,000.00	\$2,758,509.20	6/5/2016
14-714-21	Parking Lot Replacement at Egan Water Reclamation Plant	4000027	Path Construction	\$56,475.00	CCO-001, CN0133 Ramps & Parking Layout Modifications	\$1,461,900.00	\$1,518,375.00	1/22/2017

ATTACHMENT 3 (for September 15, 2016 Board Meeting)

06-158-3S, Des Plaines Intercepting Sewer Rehabilitation, SSA. Contract is substantially complete. Close-out is proceeding.

10-716-3P, Wet Weather Treatment Facility & Reservoir, LEMONT. All of the work is complete on this contract and the facility is in full operation. Working on warranty items, final close-out is expected within the next quarter.

10-880-3H, TARP Control Structure Rehabilitation, NSA, SSA, and CSA. Contract work is completed and proceeding with final close-out.

11-054-3P, Disinfection Facilities, Terrence J. O'Brien Water Reclamation Plant. Final testing of the UV facility has been completed and the system is operational. Punch list items remain. Final completion is expected by the fourth quarter of this year.

11-405-3M, Coarse Screens and RSP Slide Gates Replacements. All field work on this contract is complete. Punch list items are being completed. Final close-out of this contract is expected during the third quarter of this year.

13-409-3P, Nitrogen Removal in Centrate Egan Water Reclamation Plant. Contract work is completed, proceeding with operational testing.



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0978, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON INDUSTRIAL WASTE AND WATER POLLUTION

Mr. David St. Pierre, Executive Director

Authority for the Board of Commissioners to review the request by DustCatchers, Inc., 8801 South Chicago Avenue, Chicago, IL 60617, for review of the 2015 User Charge Liability Determination made by the Director of the Monitoring and Research Department - Appeal No. 16B-001

Dear Sir:

DustCatchers, Inc. (DustCatchers), submitted their 2015 User Charge Annual Certified Statement on April 1, 2016, and reported a Net User Charge (NUC) of \$2,103.85. The Metropolitan Water Reclamation District of Greater Chicago (District) revised DustCatchers' 2015 NUC from the reported \$2,103.85 to \$4,095.55 and advised DustCatchers of this revision in its letter dated April 28, 2016.

DustCatchers appealed the revision of the 2015 User Charge liability to the Director of the Monitoring and Research (M&R) Department by a letter dated May 19, 2016. A meeting was held on July 21, 2016, with representatives from DustCatchers and the M&R Department, wherein an appeal of DustCatchers' 2015 User Charges was presented. The Director, by a letter dated July 29, 2016, which was received by DustCatchers on August 1, 2016, advised that the NUC in the amount of \$4,095.55 as recomputed by the District would stand.

Mr. Ankur Shah, Attorney for DustCatchers, sent a letter dated August 29, 2016, to the President of the Board of Commissioners (Board) on behalf of his client, Mr. Grant DeNormandie of DustCatchers, advising that DustCatchers did not concur with the determinations of the Director and, in accordance with Section 9 of the District's User Charge Ordinance (Ordinance), appealed to the Board for a hearing regarding the Director's determination on this matter. This request for the hearing was made within 30 days of the receipt of the Director's determination and therefore, considered as filed in a timely manner in accordance to Section 9.b.(1) of the Ordinance. However, as of the date of this letter, DustCatchers has not paid any amount toward its 2015 User Charge liabilities as required by Section 9 .b.1(a) of the Ordinance for Board Appeals. Therefore, the request for a hearing is not in conformance with provisions of Section 9 of the Ordinance relating to "User Administrative Appeal Process", and it is respectfully submitted that the Executive Director recommend that the Board deny the request for appeal by DustCatchers.

However, should the Board elect to entertain the request for appeal, then pursuant to the provisions of Section 9 of the Ordinance, the Board shall determine whether the Board will conduct the hearing itself or delegate same to another person. In this instance, with respect to the hearing therefore:

1. Set a date certain upon which the Board would hear the appeal, while sitting en banc; or
2. Designate a person to conduct such a hearing on behalf of the Board in accordance with Section 9 of the Ordinance.

File #: 16-0978, **Version:** 1

Requested, Thomas C. Granato, Director of Monitoring and Research, TCG:EWP:MJ:GY:AK:rg

Recommended, Mr. Ronald M. Hill, General Counsel

Respectfully Submitted, Mr. David J. Walsh, Chairman Committee on Industrial Waste and Water Pollution

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

SHAH LEGAL REPRESENTATION

ANKUR SHAH

WRITERS DIRECT DIAL

333 SOUTH WABASH AVENUE

MANAGING PARTNER

312 612 9221

SUITE 2700

ASHAH@SHAHLEGALREP.COM

CHICAGO, IL 60604

WWW.SHAHLEGALREP.COM

August 29, 2016

Mariyana Spyropoulos
President of Board of Commissioners
Metropolitan Water Reclamation District of Greater Chicago
100 East Erie St.
Chicago, IL 60611
Email: mariyana.spyropoulos@mwrdr.org

Dear Ms. Spyropoulos:

I am the attorney for Dust Catcher's Inc. Please accept this appeal of the "Large Commercial Industrial User" amounts billed to Dust Catchers Inc. in 2015, Dust Catcher's LCI user classification, and potential classification as an "SIU."

Dust Catchers 2015 RD-925 was due as of February 22, 2016. An initial Section 9(a) appeal to the Director of Monitoring and Research, Dr. Thomas Granato was made on May 20, 2010. A 9(a) appeal meeting was held on July 21, 2016. Myself and Grant DeNormandie attended on behalf of Dust Catchers Inc., while Jorge Mihalopoulos, Mathew Joseph, Gregory Yarnik, Michael Goldstein, and Lolital Thompson attended on behalf of the MWRD.

The MWRD denied Dust Catchers appeal in a letter dated July 29, 2016. According to Section 9(b), an appeal to the President of the Board of Commissioners

SHAH LEGAL
REPRESENTATION

may be made within 30 days of the receipt of an appeal denial. Therefore this appeal is timely.

Section 9(b) requires a 75% deposit in order to carry out an appeal before the President of the Commission, however, we kindly ask that this requirement be waived in light of the circumstances of this case where:

- (1) Dust Catcher's LCIU classification was made without reliable water sampling - meaning the User Charge for 2015 should be \$0.00.
- (2) Dust Catchers and the MWRD are currently litigating in *MWRD v. Dust Catchers*, 2015-L-012550 (filed by the MWRD in late 2015)
- (3) Dust Catchers has been forced to expend sums in excess of the 75% deposit in the course of litigation
- (4) at the most recent hearing in the litigation the MWRD represented that evidence could be submitted to "correct" any potential LCIU misclassifications in the past, present, or future

Please let me know when there can be a hearing on this matter. For convenience, I have forwarded a copy of the initial appeal submitted to the MWRD.

Very truly yours,



Ankur Shah
Attorney for Dust Catchers Inc.

Metropolitan Water Reclamation District of Greater Chicago

INDUSTRIAL WASTE DIVISION

111 EAST ERIE STREET CHICAGO, ILLINOIS 60611-2893 p: 312.751.3044 p: 312.751.3000

Thomas C. Granato, Ph.D., BCES

Director of Monitoring and Research

June 6, 2016

Mr. Grant DeNormandie
Owner
Dustcatchers, Inc.
8801 South Chicago Avenue
Chicago, Illinois 60617-2445

Dear Mr. DeNormandie:

Subject: Appeal No. 16D-004 – Revision of the 2015 Net User Charge in the Amount of \$4,095.55 for Dustcatchers Inc., U26606, Located at 8801 South Chicago Avenue, Chicago, Illinois

The Metropolitan Water Reclamation District of Greater Chicago (District) acknowledges a letter dated May 19, 2016, from Mr. Ankur Shah, regarding the subject appeal and the appeals of Dustcatchers Inc. (Dustcatchers) classification as a Large Commercial Industrial User (LCIU), and Dustcatchers potential categorization as a Significant Industrial User (SIU).

The request to appeal Dustcatchers' Net User Charges for the reporting year 2015 is granted. An Authorized Representative of Dustcatchers, as defined in Section 2 of the User Charge Ordinance (Ordinance), is required to appear at the Industrial Waste Division, Third Floor, 111 East Erie Street, Chicago, Illinois, on June 27, 2016, at 10:00 a.m. The Authorized Representative may be accompanied by persons familiar with the operations of the facility and the technical matters appealed. Please note that Director-level Appeal Meetings are technical in nature and not formal hearings. Therefore, recordings and transcripts are not allowed during the appeal meeting.

In accordance with Section 9.a.(2) of the Ordinance, the Director of Monitoring and Research (Director) or his designee will respond to a User's request for an appeal and schedule a meeting, after which a final determination will be made. The User may request to reschedule the appeal meeting prior to the original meeting date per Section 9.a.(2a) of the Ordinance.

Failure to attend, or to notify the District of your inability to attend, may result in cancellation of this appeal unless a request is made in accordance with Section 9.a.(2e) of the Ordinance. The approval of the second appeal meeting request will be at the discretion of the Director. The rescheduled or second appeal meeting must occur no later than 30 calendar days from June 27, 2016. Otherwise, the appeal will be considered closed and the determination will be made in accordance with Section 9.a.(2g) of the Ordinance.

Pursuant to Section 9.a.(2) of the Ordinance, you must submit the following:

1. All data pertinent to the appeal including all sampling data collected by or for the User during the year or years under appeal and all other data the User wishes to base the appeal on. This data must be submitted to the Director at least 14 calendar days prior to the scheduled appeal meeting.

Mr. Grant DeNormandie

2

June 6, 2016

Subject: Appeal No. 16D-004 – Revision of the 2015 Net User Charge in the Amount of \$4,095.55 for Dustcatchers Inc., U26606, Located at 8801 South Chicago Avenue, Chicago, Illinois

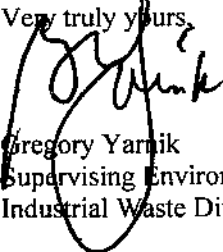
2. A written, unqualified certification on forms supplied by the District that all relevant technical information, flow data or User Charge sampling data for all samples taken for the year under appeal have been provided. Failure to do so shall result in rejection of the appeal by the Director. Enclosed with this letter is a blank Certification of Completeness of User Charge Data form for your use. You are required to complete, sign, and return this form prior to or at the meeting.

The appeal request regarding Dustcatchers classification as an LCIU is denied. The District notified Dustcatchers of its LCIU classification on January 21, 2010. Section 4.b. of the Ordinance states that classification determination forms requesting a change of classification must be submitted within 45 calendar days of the District's change of the User's classification status. Section 9.a.(c) of the Ordinance states that no request for an appeal will be accepted if it is made beyond 120 calendar days of the issuance of a User Charge related action. Your appeal request of the LCIU classification exceeds both the 45 and 120 calendar day deadlines and is therefore denied. Section 9 of the Ordinance allows Users to appeal their classification. However, the District has reviewed the analytical data collected at Dustcatchers during 2015, and finds that it still exceeds the LCIU loading threshold of 25 pounds per day for biochemical oxygen demand. Therefore the classification of Dustcatchers as an LCIU remains appropriate.

The appeal request regarding Dustcatchers' potential categorization as an SIU is denied. Neither the User Charge nor the Sewage and Waste Control Ordinances (Ordinances) allow for the appeal of a determination not yet finalized by the District. Since Dustcatchers is not currently categorized as an SIU, an appeal is not appropriate.

The Ordinances are available on the District's website at www.mwrd.org. If you have any questions regarding this matter, please contact Ms. Lolita Thompson, Environmental Specialist, at (312) 751-3009.

Very truly yours,



Gregory Yarnik
Supervising Environmental Specialist
Industrial Waste Division

GY:LT:mjb
Enclosure
cc: Mr. Ankur Shah
Certified No. 7015 1520 0002 4684 0191
U26606/#2001

CERTIFICATION OF COMPLETENESS OF USER CHARGE DATA
FURNISHED TO THE
METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

I hereby certify that all relevant User-established technical data and/or laboratory analytical data (biochemical oxygen demand, suspended solids) for the year(s) _____ have been submitted to the District.

I understand that subsequent to the furnishing of District laboratory analytical data (biochemical oxygen demand, suspended solids) to the User for the year(s) _____ no additional User-established technical data or laboratory analytical data (biochemical oxygen demand, suspended solids) will be accepted by the District for these years.

Date _____

Signature _____
 (Company official or owner)

Name (Print) _____
 (Company official or owner)

Title _____

Company _____

Address _____

State of Illinois
 County of Cook

This instrument was acknowledged before me on _____ (date) by

_____ (name of person) as _____

(type of authority, e.g. officer, trustee, etc.) of _____
 (name of party on behalf of whom instrument was executed)

 (Signature of Notary Public)

(SEAL)

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

Metropolitan Water Reclamation District of Greater Chicago

INDUSTRIAL WASTE DIVISION

111 EAST ERIE STREET CHICAGO, ILLINOIS 60611-2893 p: 312.751.3044 p: 312.751.3000

Thomas C. Granato, Ph.D., BCES

Director of Monitoring and Research

July 1, 2016

Mr. Grant DeNormandie
Owner
Dustcatchers, Inc.
8801 South Chicago Avenue
Chicago, Illinois 60617-2445

Dear Mr. DeNormandie:

Subject: User Charge Appeal No. 16D-004 - Request for Rescheduling of Appeal Meeting

The Metropolitan Water Reclamation District of Greater Chicago (District) acknowledges an email dated June 24, 2016, from Mr. Ankur Shah requesting to reschedule the subject appeal meeting.

The subject appeal meeting has been rescheduled from June 27, 2016, to July 21, 2016, at 10:00 a.m., Industrial Waste Division, Third Floor, 111 East Erie Street, Chicago, Illinois. An Authorized Representative of Dustcatchers, as defined in Section 2 of the User Charge Ordinance (Ordinance), is required to appear at the meeting. The Authorized Representative may be accompanied by persons familiar with the operations of the facility and the technical matters appealed. Please note that Director-level appeal meetings are technical in nature and not formal hearings. Therefore, recordings and transcripts are not allowed during the appeal meeting.

Please be advised that no further rescheduling of the appeal meeting for User Charge Appeal No. 16D-004 will be allowed per Section 9a (2a) of the Ordinance.

Failure to attend this second scheduled appeal meeting will result in cancellation and closure of your appeal in accordance with Section 9a (2g) of the Ordinance.

Pursuant to Section 9a (2) of the Ordinance, you must submit the following:

1. All data pertinent to the appeal including all sampling data collected by or for the User during the year or years under appeal and all other data the User wishes to base the appeal on. This data must be submitted to the Director at least 14 calendar days prior to the scheduled appeal meeting.

Mr. Grant DeNormandie

2

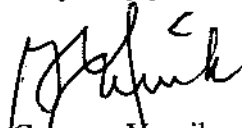
July 1, 2016

Subject: User Charge Appeal No. 16D-004 - Request for Rescheduling of Appeal Meeting

2. A written, unqualified certification on forms supplied by the District that all relevant technical information, flow data or User Charge sampling data for all samples taken for the year under appeal have been provided. Failure to do so shall result in rejection of the appeal by the Director. Enclosed with this letter is a blank Certification of Completeness of User Charge Data form for your use. You are required to complete, sign, and return this form prior to or at the meeting.

If you have any questions regarding this matter, please contact Ms. Lolita Thompson, Environmental Specialist, at (312) 751-3009.

Very truly yours,



Gregory Yarnik
Supervising Environmental Specialist
Industrial Waste Division

GY:LT:mjb

Enclosure

cc: Mr. Ankur Shah

Certified No. 7015 1520 0002 4684 0153

U26606/#2131

CERTIFICATION OF COMPLETENESS OF USER CHARGE DATA
FURNISHED TO THE
METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO

I hereby certify that all relevant User-established technical data and/or laboratory analytical data (biochemical oxygen demand, suspended solids) for the year(s) _____ have been submitted to the District.

I understand that subsequent to the furnishing of District laboratory analytical data (biochemical oxygen demand, suspended solids) to the User for the year(s) _____ no additional User-established technical data or laboratory analytical data (biochemical oxygen demand, suspended solids) will be accepted by the District for these years.

Date _____

Signature _____
 (Company official or owner)

Name (Print) _____
 (Company official or owner)

Title _____

Company _____

Address _____

State of Illinois
 County of Cook

This instrument was acknowledged before me on _____ (date) by

_____ (name of person) as _____

(type of authority, e.g. officer, trustee, etc.) of _____
 (name of party on behalf of whom instrument was executed)

 (Signature of Notary Public)

(SEAL)

Personally Known _____ OR Produced Identification _____

Type of Identification Produced _____

Protecting Our Water Environment

BOARD OF COMMISSIONERS

Mariyana T. Spyropoulos

President

Barbara J. McGowan

Vice President

Frank Avila

Chairman of Finance

Michael A. Alvarez

Timothy Bradford

Cynthia M. Santos

Debra Shore

Kari K. Steele

David J. Walsh

Metropolitan Water Reclamation District of Greater Chicago

INDUSTRIAL WASTE DIVISION

111 EAST ERIE STREET CHICAGO, ILLINOIS 60611-2893 p: 312.751.3044 p: 312.751.3000

Thomas C. Granato, Ph.D., BCES

Director of Monitoring and Research

July 29, 2016

Certified No. 7014 1200 0000 7890 0698

Mr. Grant DeNormandie

Owner

DustCatchers, Inc.

8801 S. South Chicago Avenue

Chicago, Illinois 60617-2445

Dear Mr. DeNormandie:

Subject: Appeal No. 16D-004 – Revision of the 2015 Net User Charge in the Amount of \$4,095.55 for DustCatchers Inc., U26606, Located at 8801 S. South Chicago Avenue, Chicago, Illinois

The Metropolitan Water Reclamation District of Greater Chicago (District) makes reference to the meeting of July 21, 2016, regarding the subject appeal. In attendance at the meeting representing DustCatchers Inc. (DustCatchers) were you, and counsel for DustCatchers, Mr. Ankur Shah, Messrs. Mathew Joseph, Gregory Yarnik, and Michael Goldrich and Ms. Lolita Thompson, of my staff, and Mr. Jorge Mihalopoulos, the District's counsel, represented the District.

During the meeting, Mr. Shah stated that DustCatchers' letter dated May 19, 2016, provided all of the information DustCatchers wanted to submit regarding the subject appeal. No new information was presented by DustCatchers at the meeting.

The District received DustCatchers' 2015 User Charge Annual Certified Statement (RD-925) on April 1, 2016. DustCatchers incorrectly prorated their 2015 annual flow volume based on 208 working days per year. Pursuant to Appendix A of the User Charge Ordinance (Ordinance), the District recomputed and increased DustCatchers' annual flow volume based on water bills that DustCatchers submitted with the 2015 RD-925.

DustCatchers also incorrectly used the average values for biochemical oxygen demand (BOD) and suspended solids (SS) from the District's October 2015 sampling study to calculate their 2015 annual BOD and SS charges. Pursuant to Appendix B of the Ordinance, the District used the flow weighted averages of all valid 2015 BOD and SS sampling data from the District's August, October, and November 2015 sampling studies to determine DustCatchers' annual BOD and SS charges. This recalculation increased DustCatchers' total annual BOD and SS charges. DustCatchers' total wastewater loading charge was increased due to the increase in flow volume, BOD, and SS loadings.

Mr. Grant DeNormandie

2

July 25, 2016

Subject: Appeal No. 16D-004 – Revision of the 2015 Net User Charge in the Amount of \$4,095.55 for DustCatchers Inc., U26606, Located at 8801 S. South Chicago Avenue, Chicago, Illinois

DustCatchers incorrectly used their 2013 second installment property tax bill to determine their 2015 total ad valorem tax credit. DustCatchers had not paid their 2014 property tax bill for Property Index Number 26-06-111-025-0000 when they submitted their 2015 RD-925, thus reducing their 2015 ad valorem tax credit.

Based on the above-referenced information, the District has determined that the 2015 Net User Charge liability for DustCatchers remains \$4,095.55. This closes the subject appeal. The District's Finance Department will issue an invoice under separate cover.

In accordance with Section 9b of the Ordinance, if you do not concur with the determination of this office, you may petition the District's Board of Commissioners for a hearing within 30 days of the receipt date of this letter.

If you have any questions regarding this matter, please contact Ms. Lolita Thompson, Environmental Specialist, at (312) 751-3009 or lolita.thompson@mwr.org.

Very truly yours,



Thomas C. Granato, Ph.D., BCES
Director
Monitoring and Research

TCG:MJ:LT:ip
cc: A. Shah
J. Mihalopoulos
U26606/#2306



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0970, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON JUDICIARY

Mr. David St. Pierre, Executive Director

Authority to settle in the amount of \$9,850,000.00 the eminent domain lawsuit entitled *The Metropolitan Water Reclamation District v. International Bank of Chicago as Trustee under the Provisions of a Trust Agreement dated the 30th day of December, 2014 and known as Trust No. 2014-4, et. al.*, Case No. 16 L 050200 in the Circuit Court of Cook County to acquire fee simple title comprising of 21.22± acres for the Addison Creek Reservoir, Contract 11-186-3F located at 2795 W. Washington Boulevard in Bellwood, Illinois. Account No. 401-50000-656010

Dear Sir:

In connection with the execution of District Contract No. 11-186-3F "Addison Creek Reservoir", it is necessary to acquire fee simple title to the real estate owned by International Bank of Chicago, as Trustee under the provisions of the Trust Agreement dated the 30th day of December, 2014, and known as Trust No. 2014-4 ("International Bank"), located at 2795 W. Washington Boulevard in Bellwood, Illinois. The property is currently encumbered with mortgages, mechanics liens, tax liens and easements held by other entities.

Initial negotiations to acquire the subject property at a reasonable price were unsuccessful. The property was appraised by the District's appraiser, Patricia McGarr, MAI, of Cohn Reznick at \$8,957,000.00 as of February 24, 2016. The Defendant's appraiser, Kathleen Dart, MAI, of KMD Valuation Group, LLC, appraised the property at \$12,950,000.00 as of October, 2015. From the outset and after the filing of the Complaint for Eminent Domain on March 21, 2016, the District's attempts to condemn were met with objections and refusals to settle by the Defendants. However, after several dispositive motions and responses were filed by the parties, but before being decided by the court, the parties met for settlement discussions again which resulted in an agreement of \$9,850,000.00. This amount is recommended since it is within the range of appraised values, and will obviate the cost and expenses for additional attorneys and expert witness fees at trial and will eliminate the uncertainty of a jury's determination of final just compensation.

It is requested that the Executive Director recommend to the Board of Commissioners that it authorize and approve the settlement of \$9,850,000.00 as final just compensation for the acquisition of the subject property totaling 21.22± acres located at 2795 W. Washington Boulevard in Bellwood, Illinois, in the eminent domain lawsuit entitled *The Metropolitan Water Reclamation District of Greater Chicago v. The International Bank of Chicago as Trustee under the Provisions of a Trust Agreement dated the 30th day of December, 2014 and known as Trust No. 2014-4, et. al.*, Case No. 16 L 050200 in the Circuit Court of Cook County, Illinois, in conjunction with District Contract No. 11-186-3F, subject to the condition that the District receives title to the property free and clear of all mortgages, liens, encumbrances and other interests adversely affecting title to the property.

It is further requested that the Chairman of the Committee on Finance and the Clerk be authorized to execute a check in the amount of \$9,850,000.00 payable to the Treasurer of Cook County as and for final just compensation as aforesaid of all interested parties to the subject parcel.

File #: 16-0970, **Version:** 1

It is also requested that the General Counsel be authorized to execute and deliver all such additional documents necessary to effect said settlement with respect to the final just compensation for the aforesaid taking.

Requested, Ronald M. Hill, General Counsel, and Catherine A. O'Connor, Director of Engineering,

RMH:CAO:STM:MLD:TN:vp

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Judiciary

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

2795 Washington Blvd, Bellwood, Illinois





Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0968, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON MAINTENANCE AND OPERATIONS

Mr. David St. Pierre, Executive Director

Report on change orders authorized and approved by the Acting Director of Maintenance and Operations during the month of August 2016.

Dear Sir:

One change order was approved by the Acting Director of Maintenance and Operations that cumulatively, but not individually, decreased the cost of a Contract by \$10,000.00 or less during August 2016. The Contract is listed in the attached sheet.

Requested, John P. Murray, Acting Director of Maintenance and Operations, BAP:SO'C:MAG
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

Report on Change Orders Authorized by the Director of Maintenance & Operations for August 2016

<u>Number</u>	<u>Contract Name</u>	<u>Purchase Order</u>	<u>Vendor Name</u>	<u>Inc/Dec</u>	<u>Amount</u>	<u>Status</u>	<u>Date of Execution</u>	<u>Adjusted Award Value</u>	<u>Remaining Value on Contract at time of Change Request</u>	<u>Award Value</u>	<u>End Date</u>
14-674-11	Furnish and Deliver repair parts for Trucks and Trailers at various locations	3084304	B&W Truck Repair	Dec	\$6,200	Open	8/26/2016	\$ 266,870.44	\$ 93,562.19	\$ 306,100.00	3/23/2017

Prepared By:

Uchendu Ude

Approved By:



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0940, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON REAL ESTATE

Mr. David St. Pierre, Executive Director

Authority to enter into a 10-year lease agreement with the Village of Willow Springs on approximately 2.13 acres of District real estate located west of Willow Springs Road and south of the Main Channel in Willow Springs, Illinois and known as Main Channel Parcel 29.04 for use as a parking lot. Consideration shall be an initial annual rental fee of \$12,000.00

Dear Sir:

The Village of Willow Springs ("Willow Springs") previously leased 2.13 acres of District real estate located west of Willow Springs Road and south of the Main Channel for use as a Metra commuter parking lot from January 1, 1989 to December 31, 2014. The annual rent under the lease was 80% of the gross parking receipts or approximately \$2,000.00 a year. Willow Springs requested a new lease upon expiration of its lease.

Pursuant to Willow Spring's request, on December 4, 2014, the Board of Commissioners ("Board") authorized a 39-year lease agreement to Willow Springs for continued use of the parking lot for Metra commuters. The initial annual rent was established at \$12,000.00, pursuant to a fair market value appraisal and in accordance with Board policy that the annual rent under leases to government entities leasing District real estate for public non-recreational use be assessed at 6% of the appraised fair market value.

Thereafter, Willow Springs decided that it would not enter into a new lease on Parcel 29.04 as it indicated that it would expand an existing commuter parking lot on its own land and no longer had a need for a new lease on the District's property. Accordingly, on February 19, 2015, the Board issued a six (6) month permit effective January 1, 2015 until the new parking lot could be completed and the site restored to its original condition. The permit, as extended, expired December 31, 2015. At this same meeting, the Board rescinded its Order of December 4, 2014, authorizing a 39-year lease to Willow Springs.

Willow Springs has re-evaluated its parking needs at this location and has resubmitted its request to lease the parking lot on Main Channel Parcel 29.04. The current request is for 10-years, rather than the 39 years originally requested.

In connection with the initial lease request the parties obtained appraisals on the site as follows:

<u>Appraiser</u>	<u>Value</u>
Appraisal Associates William J. Enright, MAI (District's Appraiser)	\$200,000.00
The Gorman Group, Ltd. Robert Gorman, MAI	\$111,444.00

File #: 16-0940, **Version:** 1

Robert C. Wessel Associates, Ltd.

Robert Wessel

\$28,000.00

It is District policy to assess the annual rent based on 6% of the site's highest appraisal when leasing District real estate to a governmental entity for public non-recreational purposes. It is therefore recommended that the subject real estate's fair market value be based upon the highest of the three appraisals and established at \$200,000.00, and that the initial annual rent be established at 6% of the property's fair market value or \$12,000.00.

Under 70 ILCS 2605/8c(11), said lease will be terminated upon one year notice if it is determined that the premises become essential to the District's corporate purposes.

It is requested that the Executive Director recommend to the Board of Commissioners that it authorize a 10-year lease agreement with the Village of Willows Springs for use as a parking lot on approximately 2.13 acres of District real estate located west of Willow Springs Road and south of the Main Channel in Willow Springs, Illinois and known as Main Channel Parcel 29.04. Consideration shall be an initial annual rent of \$12,000.00.

It is further requested that the Executive Director recommend to the Board of Commissioners that it authorized and direct the Chairman of the Committee on Finance and the Clerk to execute said lease agreement after same is approved by the General Counsel as to form and legality.

Requested, Ronald M. Hill, General Counsel, RMH:STM:MLD:vp

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Real Estate Development

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

EXHIBITS





Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0962, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON REAL ESTATE

Mr. David St. Pierre, Executive Director

Authority to purchase the real estate commonly known as 8618 Natchez Avenue in Burbank, IL for the construction of the Melvina Ditch Reservoir Improvements and authority for payment to Joan L. Schlosser, the owner of said real estate for the purchase price, in an amount of \$264,000.00, plus closing costs, and relocation costs in an amount not to exceed \$50,900.00, plus closing costs, Account 401-50000-656010, Capital Improvements Bond Fund

Dear Sir:

On May 7, 2015, the Board of Commissioners ("Board") adopted Ordinance No. R15-004 establishing the right-of-way for the construction, operation and maintenance of the vertical and horizontal expansion of the Melvina Ditch Reservoir ("Reservoir") located north of 87th Street and west of Natchez Avenue in Burbank, IL (Contract 14-263-3F) ("Project"). Said Ordinance authorized and directed the Executive Director to negotiate with the respective owners to acquire fee simple title or such lesser interests, as appropriate, in and to the real estate described in the Ordinance. On June 2, 2016, the Board adopted Ordinance R16-004, which amended R15-004 to include an additional tract on which a temporary easement is needed for the Project.

On August 4, 2016, the Board authorized the District to enter into an intergovernmental agreement with the City of Burbank and the Village of Oak Lawn for the Project. The Project consists of vertical and horizontal expansion of the District's Reservoir and associated pump station improvements to address flooding in Burbank and Oak Lawn. The Project, once constructed, will significantly increase the capacity of the existing reservoir and reduce water surface elevations and downstream overflows in the Melvina Ditch watershed. The Project requires the acquisition of 15 residential properties adjacent to the Reservoir.

One such parcel is owned by Joan L. Schlosser and is located at 8618 Natchez Avenue in Burbank. The parcel comprises 0.240 acres and is improved with an approximately 2,433 square foot, single family residence. The District and the homeowner have reached a negotiated settlement for acquisition in the amount of \$264,000.00 for fee simple title to the property. It is the opinion of the General Counsel and Special Counsel, Neal & Leroy, that this amount is within the range of value for the subject property based on the fair market value appraisal obtained by the District.

The District's relocation consultant Urban Relocation Services, Inc. has determined that the owner is eligible for relocation costs of approximately \$50,900.00. These relocation costs are required to be paid by the District under the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act. This total amount includes the maximum replacement housing cost and reasonable moving expenses, excluding closing costs. The amount is subject to adjustment based upon the actual costs incurred.

File #: 16-0962, **Version:** 1

Accordingly, it is requested that the Executive Director recommend to the Board of Commissioners that it adopt the following orders:

1. That the subject real estate be purchased by the District for the amount of \$264,000.00, plus closing costs;
2. That the Chairman of the Committee on Finance and the Clerk be authorized and directed to execute the Real Estate Sales Contract effecting the aforesaid purchase, after it is approved by the General Counsel as to form and legality;
3. That the General Counsel be authorized and directed to execute and deliver all other documents and take such other actions as may be necessary to effectuate said purchase and to attain possession of said property; and
4. That the Executive Director be authorized to make intermittent payments to the owner, in an amount not to exceed \$50,900.00, plus closing costs, for eligible costs in connection with relocation, as provided for in the Uniform Relocation Assistance and Real Property Acquisition Policies Act.

Requested, Ronald M. Hill, General Counsel and Catherine A. O'Connor, Director of Engineering,
RMH:CAO:SM:BJD:TN:vp

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Real Estate Development
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment



DATE: 04-22-15



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

EXHIBIT - PROPERTIES TO BE ACQUIRED FOR RESERVOIR EXPANSION

BURBANK

ILLINOIS



SCALE: 1"= 200'



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0963, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON REAL ESTATE

Mr. David St. Pierre, Executive Director

Authority to purchase the real estate commonly known as 8559 Nashville Avenue in Burbank, IL for the construction of the Melvina Ditch Reservoir Improvements and authority for payment to Dwayne A. Cerny and Denise M. Cerny, the owners of said real estate for the purchase price, in an amount of \$231,000.00, plus closing costs, and relocation costs in an amount not to exceed \$46,760.00 plus closing costs, Account 401-50000-656010, Capital Improvements Bond Fund

Dear Sir:

On May 7, 2015, the Board of Commissioners ("Board") adopted Ordinance No. R15-004 establishing the right-of-way for the construction, operation and maintenance of the vertical and horizontal expansion of the Melvina Ditch Reservoir ("Reservoir") located north of 87th Street and west of Natchez Avenue in Burbank, IL (Contract 14-263-3F) ("Project"). Said Ordinance authorized and directed the Executive Director to negotiate with the respective owners to acquire fee simple title or such lesser interests, as appropriate, in and to the real estate described in the Ordinance. On June 2, 2016, the Board adopted Ordinance R16-004, which amended R15-004 to include an additional tract on which a temporary easement is needed for the Project.

On August 4, 2016, the Board authorized the District to enter into an intergovernmental agreement with the City of Burbank and the Village of Oak Lawn for the Project. The Project consists of vertical and horizontal expansion of the District's Reservoir and associated pump station improvements to address flooding in Burbank and Oak Lawn. The Project, once constructed, will significantly increase the capacity of the existing reservoir and reduce water surface elevations and downstream overflows in the Melvina Ditch watershed. The Project requires the acquisition of 15 residential properties adjacent to the Reservoir.

One such parcel is owned by Dwayne A. Cerny and Denise M. Cerny and is located at 8559 Nashville Avenue in Burbank. The parcel comprises 0.365 acres and is improved with an approximately 1,977 square foot, single family residence. The District and the homeowner have reached a negotiated settlement for acquisition in the amount of \$231,000.00 for fee simple title to the property. It is the opinion of the General Counsel and Special Counsel, Neal & Leroy, that this amount is within the range of value for the subject property based on the fair market value appraisal obtained by the District.

The District's relocation consultant Urban Relocation Services, Inc. has determined that the owner is eligible for relocation costs of approximately \$46,760.00. These relocation costs are required to be paid by the District under the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act. This total amount includes the maximum replacement housing cost and reasonable moving expenses, excluding closing costs. The amount is subject to adjustment based upon the actual costs incurred.

File #: 16-0963, **Version:** 1

Accordingly, it is requested that the Executive Director recommend to the Board of Commissioners that it adopt the following orders:

1. That the subject real estate be purchased by the District for the amount of \$231,000.00, plus closing costs;
2. That the Chairman of the Committee on Finance and the Clerk be authorized and directed to execute the Real Estate Sales Contract effecting the aforesaid purchase, after it is approved by the General Counsel as to form and legality;
3. That the General Counsel be authorized and directed to execute and deliver all other documents and take such other actions as may be necessary to effectuate said purchase and to attain possession of said property; and
4. That the Executive Director be authorized to make intermittent payments to the owners, in an amount not to exceed \$46,760.00, plus closing costs, for eligible costs in connection with relocation, as provided for in the Uniform Relocation Assistance and Real Property Acquisition Policies Act.

Requested, Ronald M. Hill, General Counsel and Catherine A. O'Connor, Director of Engineering,
RMH:CAO:SM:BJD:TN:vp

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Real Estate Development
Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment



DATE: 04-22-15



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

EXHIBIT - PROPERTIES TO BE ACQUIRED FOR RESERVOIR EXPANSION

BURBANK

ILLINOIS



SCALE: 1"= 200'



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0967, Version: 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON REAL ESTATE

Mr. David St. Pierre, Executive Director

Authority to amend Board Order of January 8, 2015, authorizing and approving the entry into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path, to reflect that the lease will be between the District and Chicago Department of Transportation

Dear Sir:

At its meeting of January 8, 2015, the District's Board of Commissioners ("Board") authorized and approved the entry into a 39-year lease with the Chicago Park District ("CPD") and the Chicago Department of Transportation ("CDOT") on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path, for consideration of \$10.00.

After the Board approved the lease, CPD advised that despite its earlier request to lease the property, the lease should only be between the District and the Chicago Department of Transportation. CDOT has concurred with CPD's request.

It is requested that the Executive Director recommend to the Board of Commissioners that it amend its Orders of January 8, 2015, authorizing and approving the entry into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path, to reflect that the lease shall be between the District and the Chicago Department of Transportation.

Requested, Ronald M. Hill, General Counsel, RMH:STM:MM:vp

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Real Estate Development

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016

Attachment

Metropolitan Water Reclamation District of Greater Chicago

Protecting Our Water Environment

To watch the live meeting proceedings, please refresh this page at the scheduled meeting time, a link labeled "In Progress" will appear under the **Video** column

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File #: 15-0002 Version: 1

Type: Agenda Item

Status: Adopted

File created: 12/23/2014

In control: [Real Estate Development Committee](#)

On agenda: 1/8/2015

Final action: 1/8/2015

Title: Authority to enter into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path Consideration shall be \$10.00

Attachments: 1. [Maps.CPD and CDOT 1.8.15.pdf](#)

[History \(2\)](#)[Text](#)**TRANSMITTAL LETTER FOR BOARD MEETING OF JANUARY 8, 2015****COMMITTEE ON REAL ESTATE**

Mr. David St. Pierre, Executive Director

Title

Authority to enter into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path Consideration shall be \$10.00

Body

Dear Sir:

The Chicago Park District ("CPD") and the Chicago Department of Transportation ("CDOT") are currently in the process of designing a new segment of the North Branch Trail ("Trail") which would link existing trail segments in Clark Park to the south and California Park and Horner Park to the north. The new trail segment would run under the Addison Street Bridge for safe crossing, along the east embankment of the North Branch of the Chicago River ("River") and then cross the River via a suspended aerial bridge to reach the west bank. The aerial bridge will be supported by a series of concrete columns implanted into the River. This segment of the Trail is referred to as the Addison Street Underbridge Path.

The Addison Street underbridge segment is part of a future 1.5 mile continuous trail running over and along the North Branch of the Chicago River from Belmont to Montrose Avenues. The project is being undertaken by CDOT and CPD. CPD will be the ultimate operator of the proposed Trail. The lease will comprise (four) small parcels of District real estate encompassing approximately 0.343 acres located along the North Branch of the Chicago River and the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park.

A nominal fee of \$10.00 is being recommended as such fee is customary with governmental entities using District property for public recreational purposes.

Under 70 ILCS 2605/8c(11), said lease is terminable upon service of one-year notice if the property becomes essential to the District's corporate needs.

It is requested that the Executive Director recommend to the Board of Commissioners that it authorize and approve the District to enter into a 39-year lease with the Chicago Park District and the Chicago Department of Transportation on approximately 0.343 acres of District real estate along the east and west banks of the North Branch of Chicago River, north and south of Addison Street along with the right-of-way necessary for the construction, maintenance and operation of a suspended aerial bridge spanning the River from Clark Park to California Park known as the Addison Street Underbridge Path. Consideration shall be \$10.00.

It is further requested that the Executive Director recommend to the Board of Commissioners that the Chairman of the Committee on Finance and the Clerk be authorized and directed to execute said lease agreement after same is approved by the General Counsel as to form and legality.

Requested, Ronald M. Hill, General Counsel, RMH:STM:MM:bh

Recommended, David St. Pierre, Executive Director

Respectfully Submitted, Mariyana T. Spyropoulos, Chairman Committee on Real Estate Development

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for January 8, 2015

Attachments



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0964, **Version:** 1

MOTION FOR BOARD MEETING OF SEPTEMBER 15, 2016

MOTION to reappoint Commissioner Mariyana T. Spyropoulos to a five-year term as a Commissioner on the Public Building Commission of Chicago

I hereby move that the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago reappoint Commissioner Mariyana T. Spyropoulos to a five-year term as a Commissioner on the Public Building Commission of Chicago. Her new term is effective October 1, 2016 and continues until her successor is appointed and qualified.

Dated: September 15, 2016

Commissioner



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0976, **Version:** 1

RESOLUTION FOR BOARD MEETING OF SEPTEMBER 15, 2016

RESOLUTION sponsored by the Board of Commissioners recognizing the Moravian Day festival

WHEREAS, the 77th Annual Moravian Day festival will take place September 24th and 25th at the Lithuanian World Center in Lemont; and

WHEREAS, the Moravian Day festival focuses on the spirit, beauty and talents of the Czech, Slovak and Moravian regions; and

WHEREAS, the first Moravian Day festival was held on September 24th, 1939 in Pilsen Park in Chicago where a parade showcasing Moravian costumes, bands, floats and horses was enjoyed by thousands of bystanders; and

WHEREAS, the tradition continued annually as a gathering of all Moravian, Czech and Slovak peoples from the metropolitan Chicago area, as well as the many others who travel each year from all parts of the United States, Canada and the Czech and Slovak Republics to join in the celebration of their heritage; and

WHEREAS, traditional music, dancing, food and drinks are enjoyed at the festival, and arts and crafts from the Czech and Slovak Republics can be purchased each year; and

WHEREAS, the goal of the festival is to preserve traditions and show future generations the music, dancing and culture of their ancestors; and

NOW, THEREFORE, BE IT RESOLVED, that we, the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago, on behalf of ourselves and staff, hereby recognize the 77th Annual Moravian Day festival; and

BE IT FURTHER RESOLVED, that this Resolution be spread upon the permanent Record of Proceedings of the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

Dated: September 15, 2016

Approved: MARIYANA T. SPYROPOULOS, President; BARBARA J. MCGOWAN, Vice President; FRANK AVILA, Chairman, Committee on Finance; MICHAEL A. ALVAREZ; TIMOTHY BRADFORD; CYNTHIA M. SANTOS; DEBRA SHORE; KARI K. STEELE; DAVID J. WALSH; Commissioners of the Metropolitan Water Reclamation District of Greater Chicago

Approved as to Form and Legality: Ronald M. Hill, General Counsel, RMH:aw



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: 16-0980, **Version:** 1

RESOLUTION FOR BOARD MEETING OF SEPTEMBER 15, 2016

RESOLUTION sponsored by the Board of Commissioners recognizing the "Imagine a Day Without Water" campaign

WHEREAS, organized by the Value of Water Coalition, the "Imagine a Day Without Water" campaign highlights the critical importance of reliable access to clean water in our lives; and

WHEREAS, on September 15, 2016, hundreds of organizations across the country will partake in events aimed at raising awareness about the crucial need for investment in infrastructure to ensure that no community in America is left without water; and

WHEREAS, the crisis in Flint, Michigan shows the severe impacts to the health and well-being of a community without access to clean drinking water; and

WHEREAS, changes in weather patterns are causing epic drought and widespread flooding in regions throughout the United States, putting pressure on water systems that are ill-equipped to manage such extreme events; and

WHEREAS, one-fifth of the U.S. economy would grind to a halt without a reliable and clean source of water; and

WHEREAS, investment in infrastructure projects creates jobs, helps prevent flooding costs, allows households and businesses to run more efficiently and can help mitigate the negative impact of climate change; and

WHEREAS, managing water responsibly is critical to our nation's environmental health and to a high quality of life through economic commerce, power generation, and recreation; and

WHEREAS, the mission of the Metropolitan Water Reclamation District of Greater Chicago is to protect the quality of the water supply source, improve the quality of water in watercourses in its service area, protect businesses and homes from flood damages, and manage water as a vital resource; and

WHEREAS, in adding disinfection facilities at two of its treatment plants, seeking to implement nutrient recovery systems and achieve energy neutrality at all of its facilities, and through continued investment in innovative infrastructure and technologies, the Metropolitan Water Reclamation District proves its commitment to this mission; and

NOW, THEREFORE, BE IT RESOLVED, that we, the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago, on behalf of ourselves and staff, hereby recognize the "Imagine a Day Without Water" campaign and the importance of educating the public about the value of water, and encourage our fellow citizens to take note of, and participate in, the special activities arranged in observance of this event; and

BE IT FURTHER RESOLVED, that this Resolution be spread upon the permanent Record of Proceedings of the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

File #: 16-0980, **Version:** 1

Dated: September 15, 2016

Approved: MARIYANA T. SPYROPOULOS, President; BARBARA J. MCGOWAN, Vice President; FRANK AVILA, Chairman, Committee on Finance; MICHAEL A. ALVAREZ; TIMOTHY BRADFORD; CYNTHIA M. SANTOS; DEBRA SHORE; KARI K. STEELE; DAVID J. WALSH; Commissioners of the Metropolitan Water Reclamation District of Greater Chicago

Approved as to Form and Legality: Ronald M. Hill, General Counsel, RMH:aw



Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Legislation Text

File #: UC16-002, **Version:** 1

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016

COMMITTEE ON INDUSTRIAL WASTE AND WATER POLLUTION

Mr. David St. Pierre, Executive Director

Request Authority to Amend the User Charge Ordinance of the Metropolitan Water Reclamation District of Greater Chicago

Metropolitan Water Reclamation District of Greater Chicago



User Charge Ordinance

As Amended

September 15, 2016

(Amendments effective January 1, 2017)

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**
100 EAST ERIE STREET
CHICAGO, ILLINOIS 60611
(312) 751-5600

BOARD OF COMMISSIONERS

Hon. Mariyana T. Spyropoulos, *President*
Hon. Barbara J. McGowan, *Vice President*
Hon. Frank Avila, *Chairman of Finance*

Hon. Michael A. Alvarez
Hon. Cynthia M. Santos
Hon. Kari K. Steele

Hon. Timothy Bradford
Hon. Debra Shore
Hon. David J. Walsh

OFFICERS

David St. Pierre, *Executive Director*
Mary Ann Boyle, *Treasurer*
John Sudduth, *Director of Information Technology*
Thomas C. Granato, Ph.D., *Director of Monitoring and Research*
Ronald M. Hill, *General Counsel*
Beverly K. Sanders, *Acting Director of Human Resources*
Darlene A. LoCascio, *Director of Procurement and Materials Management*
Catherine O'Connor, Ph.D., *Director of Engineering*
John P. Murray, *Acting Director of Maintenance and Operations*
Jacqueline Torres, *Clerk/Director of Finance*

Board of Commissioners and Officers listed as of the date of approval –September 15, 2016

AN ORDINANCE

AN ORDINANCE TO PROVIDE FOR THE RECOVERY OF EACH USER'S PROPORTIONAL SHARE OF THE OPERATIONS, MAINTENANCE, AND REPLACEMENT COSTS INCURRED BY THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO FOR THE TREATMENT AND DISPOSAL OF SEWAGE, INDUSTRIAL WASTE, AND OTHER WASTES GENERATED BY EACH USER, PURSUANT TO THE REQUIREMENTS OF THE FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972 AND THE CLEAN WATER ACT OF 1977 (33 U.S.C. §§ 1251-1387) AND THE RULES AND REGULATIONS OF THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY PROMULGATED PURSUANT THERETO, FOR DISCHARGES OF SEWAGE, INDUSTRIAL WASTES, AND OTHER WASTES MADE TO SEWERS UNDER THE JURISDICTION OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, HEREINAFTER KNOWN AS THE "USER CHARGE ORDINANCE," ADOPTED BY THE BOARD OF COMMISSIONERS, METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, ON OCTOBER 4, 1979 AND AS AMENDED TO, AND INCLUDING, MARCH 19, 1992, OCTOBER 6, 1994, NOVEMBER 3, 1994, OCTOBER 19, 1995, NOVEMBER 7, 1996, NOVEMBER 6, 1997, JULY 9 AND NOVEMBER 5, 1998, FEBRUARY 4, 1999, OCTOBER 7, 1999, FEBRUARY 17 AND DECEMBER 7, 2000, NOVEMBER 15, 2001, NOVEMBER 7, 2002, NOVEMBER 6, 2003, NOVEMBER 4, 2004, NOVEMBER 3, 2005, OCTOBER 19, 2006, NOVEMBER 1, 2007, NOVEMBER 6, 2008, NOVEMBER 5, 2009, NOVEMBER 4, 2010, DECEMBER 15, 2011, DECEMBER 20, 2012, DECEMBER 5, 2013, SEPTEMBER 18, 2014, SEPTEMBER 17, 2015 AND SEPTEMBER 15, 2016.

Section 1. Authority and General Purpose

This Ordinance is promulgated pursuant to the statutory authority contained in 70 ILCS 2605/1, et seq., as amended.

The purpose of this Ordinance is to establish an orderly and fair system whereby the operations, maintenance, and replacement costs incurred by the Metropolitan Water Reclamation District of Greater Chicago in treating and disposing of the sewage, industrial wastes, and other wastes generated by each User is charged to that User for his or her use of the sewage collection and treatment facilities of the Metropolitan Water Reclamation District of Greater Chicago, as required by The Federal Water Pollution Control Act Amendments of 1972 and the Clean Water Act of 1977 (33 U.S.C. §§ 1251-1387) and the rules and regulations of the United States Environmental Protection Agency, promulgated pursuant thereto.

Section 2. Definitions

For the purpose of this Ordinance, the following definitions shall apply unless the context specifically indicates otherwise:

“Agent”

A representative of the User who is a third party individual or company retained to perform environmental services for the User. Such an Agent is not an Authorized Representative as defined herein, unless said Agent has express written authority to bind the User.

“Authorized Representative”

The User's owner, corporate officer, designated employee, or legal counsel with full binding authority of the User, by virtue of their position, or an individual with express written authority to bind the User.

“Board of Commissioners”

The Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

“Biochemical Oxygen Demand (BOD)”

The quantity of dissolved oxygen required for biochemical oxidation of decomposable matter under aerobic conditions in a period of five days at a temperature of 20°C.

“Contaminated Stormwater”

Discharges to the District's sanitary sewers from detention basins or containment facilities, which are designed to collect stormwater contaminated by chemicals from tank farms, or used in the process of deicing airport equipment, or as otherwise permitted or allowed by legal agreement between the User or an Authorized Representative as defined herein, and the District. For purposes of this Ordinance, such wastes are considered industrial wastes as defined herein.

“Director”

The Director of the Monitoring and Research Department of the Metropolitan Water Reclamation District of Greater Chicago.

“District”

The Metropolitan Water Reclamation District of Greater Chicago, a unit of local government, organized and existing under, and by virtue of, the laws of the State of Illinois.

“Domestic Wastes”

Water-carried human wastes from sanitary conveniences such as toilets, wash bowls, bathtubs, and residential laundry facilities.

“Executive Director”

The Executive Director of the Metropolitan Water Reclamation District of Greater Chicago.

“Gross User Charge”

The sum of the Total Wastewater Loading Charge as defined in this Ordinance plus the administrative costs recovered through charges applicable to the User as provided in Appendix E of this Ordinance.

“Industrial Wastes”

Any solid, liquid, or gaseous wastes, including cooling water resulting from any industrial, commercial, or manufacturing process, or from the development, recovery, or processing of natural resources.

“Large Commercial-Industrial User”

Any nongovernmental User engaged in commercial or industrial activities which:

- (1) discharges any wastes exceeding any of the following: a flow of 25,000 gallons per day; a BOD loading of 25 pounds per day; or a suspended solids loading of 35 pounds per day, or
- (2) is designated as a Significant Industrial User.

“Local Government User”

Publicly owned facilities used to perform local governmental functions which discharge solely domestic waste. Such functions are limited to administration or legislative activities of a local government, such as police and fire departments, public elementary and public high schools, and municipal office buildings. Publicly owned facilities charging an admission fee, or publicly owned facilities leased to non-public entities are not considered Local Government Users.

“Net User Charge”

The balance owed by a User remaining after deducting the operations, maintenance and replacement portion of the ad valorem taxes paid by that User for the District from the Gross User Charge.

“Operations, Maintenance, and Replacement (OM&R) Costs”

Those funds dedicated by the District to discharge its duty for collection, treatment, and disposal of sewage, industrial wastes, and other wastes.

“Operations, Maintenance, and Replacement (OM&R) Factor”

The ratio of costs incurred by the District for operations, maintenance, and replacement directly related to the collection, treatment, and disposal of industrial wastes, process wastes, domestic wastes, and other wastes to the total tax levy of the District.

“Ordinance”

The User Charge Ordinance as promulgated by the Board of Commissioners of the District.

“Other Wastes”

All decayed wood, sawdust, shavings, bark, lime, refuse, ashes, garbage, offal, oil, tar, chemicals, and all other substances except sewage and industrial wastes.

“Residential User”

The nongovernmental, non-tax-exempt owner of any single-family or multi-family residence.

“Sewage”

Water-carried human wastes or a combination of water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, storm, or other wastes as may be present.

“Significant Industrial User”

Any User which:

- (1) is subject to categorical pretreatment standards, or
- (2) discharges greater than 25,000 gallons per day of process wastewater to the sewerage system, excluding water-carried human wastes from sanitary conveniences such as toilets, wash bowls, bathtubs, showers and residential laundries, noncontact cooling water, boiler blowdown water, and uncontaminated storm water, or
- (3) discharges process wastewater in excess of five percent or more of the average dry weather hydraulic or organic capacity of the receiving water reclamation facilities, or
- (4) is designated by the District as having a reasonable potential for adversely affecting the operations of the water reclamation facilities or for violating any standard or requirement of the District’s Sewage and Waste Control Ordinance.

“Small Nonresidential Commercial-Industrial User”

A nongovernmental User engaged in non-residential activities which discharges any waste not exceeding any of the following: a flow of 25,000 gallons per day,

a BOD loading of 25 pounds per day, or a suspended solids loading of 35 pounds per day; and is not a Significant Industrial User.

“Suspended Solids (SS)”

Solids which either float on the surface of or are in suspension in the waste discharge and which are removable by laboratory filtering.

“Tax-Exempt User”

A User who pays no ad valorem taxes, or receives substantial credits in paying such taxes, including but not limited to: Users exempt from ad valorem taxes; all federal, state, and local units of government; but excluding Local Government Users as defined herein.

“Total Wastewater Loading Charge”

The sum of charges for flow, BOD and SS. These charges are calculated by multiplying the quantities of wastes by the billing rates specified in Appendix F to this Ordinance.

“Unlawful Discharge”

Any discharge of sewage, industrial wastes, or other wastes by any User into the sewers or sewage works of the District, or any sewer connected thereto, wherein such User has not paid to the District its User Charge as provided herein.

“User”

Any person, firm, corporation, partnership, trust, or any other entity which utilizes the services of the District for sewage collection, treatment, and disposal. In instances where certification of submittals, a notification, or a request is required of the User, the term “User” includes the User’s “Authorized Representative” as defined herein.

“User Charge”

The operations, maintenance, and replacement costs incurred by the District to collect, treat, and dispose of the domestic wastes, process wastes, industrial wastes, and other wastes of the User. The User Charge includes the administrative costs for the District’s Sewage and Waste Control Ordinance and User Charge Ordinance. The User Charge of any User shall be directly proportional to its use of the District’s sewage treatment, collection and disposal services when compared to the total operations, maintenance, and replacement costs incurred by the District in providing the same services to all Users in the District’s jurisdiction. A User Charge is a fee, not a tax; therefore, Tax-Exempt Users are not exempt from paying User Charges.

Section 3.

This Section deleted effective January 1, 2013.

Section 4. User Class Determination and Reporting

a. Class Determination

Each User, except a Residential User, shall make an evaluation of its waste discharge in accordance with the requirements of this Ordinance and determine its User classification status on forms supplied by the District. Such User classification determination shall be based on the User's current operation and use of the sewage collection and treatment facilities of the District. Such determination shall be subject to verification by the District.

b. Change in Classification

A User which requires or requests a change in its classification must submit its classification determination forms within 45 calendar days of said change in User classification status.

c. Small Nonresidential Commercial-Industrial Users

A Small Nonresidential Commercial-Industrial User, after the District has verified its User classification status, shall not file any further reports with the District except as specified in Section 4b.

d. Residential Users

Residential Users who pay real estate taxes shall under no circumstances file any reports with the District.

e. Local Government Users

Local Government Users as defined herein are not subject to the payment of User Charges.

f. Tax-Exempt Users

Each Tax-Exempt User shall submit a User Charge Annual Certified Statement, designated as an RD-925 Statement, to the District, as provided herein, on forms supplied by the District, certifying the quantities and concentrations of its sewage, industrial wastes, and other wastes discharged into the sewers and sewage works of the District or into any sewer connected therewith. The quantity of flow and the concentrations reported on the RD-925 Statement shall be for a reporting period of operation during a calendar year and such reports shall be certified by the User and filed with the District on or before February 20 of the following year.

Copies of pertinent corroborative documents, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, water loss determinations, and other documentation requested by the District in writing shall be submitted with the RD-925 Statement. A separate RD-925 Statement must be filed for each facility, business establishment, or industrial plant. The total quantities and concentrations of sewage, industrial wastes, and other wastes to be measured and certified by the User shall be:

- (1) Liquid in gallons (gal)
- (2) 5-day BOD in milligrams per liter (mg/L) and in pounds
- (3) SS in milligrams per liter (mg/L) and in pounds

g. Large Commercial-Industrial Users

Each Large Commercial-Industrial User shall submit an RD-925 Statement to the District, as provided herein, on forms supplied by the District, certifying the quantities and concentrations of its sewage, industrial wastes, and other wastes discharged into the sewers and sewage works of the District or into any sewer connected therewith. The quantity of flow and the concentrations reported on the RD-925 Statements shall be for a reporting period of operation during a calendar year, and such reports shall be certified by the User and filed with the District on or before February 20 of the following year. Copies of pertinent corroborative documents, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, real estate tax bills, water loss determinations, and other documentation requested by the District in writing, shall be submitted with the RD-925 Statement. A separate RD-925 Statement must be filed for each facility, business establishment, or industrial plant. The total quantities and concentrations of sewage, industrial wastes, and other wastes to be measured and certified by the User, shall be:

- (1) Liquid in gallons (gal)
- (2) 5-day BOD in milligrams per liter (mg/L) and in pounds
- (3) SS in milligrams per liter (mg/L) and in pounds

h. District Verification of User Reports

The District shall have the right to inspect or otherwise verify any statement of quantities or other information filed by the User. If the District determines that said statement of quantities or other information does not accurately reflect actual conditions, the District shall adjust the quantities and information according to the District's determinations.

To the extent that this adjustment is reflected in the User Charge bill, the User shall have the right to appeal as set forth in Section 9.

i. User Self-Monitoring Reporting Requirements

A User shall notify the District, in writing, no less than 14 calendar days prior to commencement of its self-monitoring program to allow the District to observe the User's sampling techniques, sample preservation, flow measurements, and other sampling protocols. The written notification shall be made on forms provided by the District, submitted to the District's Pretreatment and Cost Recovery Section by one of the following methods: U.S. mail addressed to the Pretreatment and Cost Recovery Section, P.O. Box 10689, Chicago, IL 60610; facsimile transmission sent to

312-894-2150; or as a PDF sent via electronic mail to mwrducs@mwrducs.org.

The User shall provide the District with split samples of the User-collected samples, provided sufficient volume is available and the District furnishes the sample containers.

A User shall report the results of laboratory analyses and other pertinent information to the District on a current User Charge Certified Sampling Analysis Reporting Statement (RD-920 Report) provided by the District within 45 calendar days of completion of the User's sampling program.

The Director may extend this 45-day period for the submittal of the RD-920 Report upon request of the User and a showing of just cause for the extension. If the User fails to notify the District prior to the sampling or fails to submit the RD-920 Report within the 45-day period or as extended by the Director, the use of the User's data for purposes of User Charge calculation may not be allowed.

RD-920 Report submittals shall be considered "not received" if deficient or incomplete, including for any of the following reasons:

- (1) The RD-920 Report has not been signed and dated by the User.
- (2) The User has failed to enclose all supporting documents necessary to aid in the District's review of the self-monitoring data, including field sample collection logs/notes, chain of custody reports, certified laboratory reports, daily incoming meter readings, daily direct discharge meter readings, and other documentation requested by the District in writing.

j. All Data Reported and Used in User Charge Determination

A User shall report to the District the results of all measurements of flow and analyses of samples collected pursuant to the requirements of this Ordinance for the period/year being reported regardless of whether or not the data so obtained is in addition to the minimum reporting requirements of this Ordinance. A User shall include all flow measurement and sampling results thus obtained in determining its Gross and Net User Charges. If a User considers any self-monitoring data inappropriate for inclusion in calculating its User Charges, the User must submit such data with its RD-920 Report, together with a written report detailing the basis for the User's assessment that such data were not representative for purposes of inclusion when calculating its User Charges. The District will review all data and the User's detailed report to determine whether reported data are representative.

k. Penalty for Filing Deficient or Incomplete Reports

A User may be subject to a penalty of \$1,000.00, as provided under Section 8d of this Ordinance, for filing a deficient or incomplete RD-925 Statement.

A filing shall be deemed deficient or incomplete for any of the following reasons:

- (1) The RD-925 Statement has not been signed by the User.
- (2) The User has failed to remit, with the RD-925 Statement, all monies owed to the District and reported on the RD-925 Statement.
- (3) The User has failed to enclose all underlying documents necessary for the District to verify any representation in the filing, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, real estate tax bills, water-to-product determinations, and other documentation requested by the District in writing.

The filing penalty provided under this Section shall be assessed separately from any other penalties assessed against the User under the provisions of this Ordinance. If the User disputes the penalty, the User must notify the Director, in writing, of such dispute within 30 calendar days of receipt of the penalty invoice, together with the reasons why the User disputes the penalty. All disputes regarding filing penalties will be handled in accordance with Section 9(a)(2) through 9(f) of this Ordinance.

When a User, an Authorized Representative of the User, or its Agent knowingly submits false information in any report required under this Ordinance, the District may refer such activity to the Office of the State's Attorney or the United States Attorney for investigation and civil and criminal enforcement action. Any such referral will be made in addition to any appropriate action that the District may take pursuant to this Ordinance, and such referral shall not affect the District's right to pursue relief under this Ordinance.

l. Revised, Resubmitted or Subsequently Refiled RD-925 Statements

Revised, resubmitted or subsequently refiled RD-925 Statements received after the February 20 deadline will supercede the initial submittal and may be considered late submittals, subject to penalty and interest under Sections 8a and 8d, based upon the most recent mail post date.

Users who wish to revise a timely filed and complete RD-925 Statement after the February 20 due date, due to the User's error or omission in calculating the Net User Charge, may be required to do so under the appeal provisions found in Section 9.

Section 5. Measurement of Wastes

a. Standard Methods

Unless otherwise provided, all measurements, tests, sampling, and analyses required hereunder shall be in accordance with the latest edition of **Standard Methods for the Examination of Water and Wastewater**, published jointly by The American Public Health Association, The American Water Works Association, and the Water Environment Federation.

b. Sampling Chamber

In order to provide for accurate sampling and measurement of wastes discharged by the User, each Large Commercial-Industrial User and Tax-Exempt User shall provide, on each of its final outlet sewers, a large control manhole or sampling chamber. The sampling chamber should be located outside or near its plant boundary line where feasible.

The sampling chamber shall be safely and directly accessible to the District at all times. Access to each control manhole or sampling chamber shall not be obstructed by temporary or permanent construction, manufacturing operations or activities, landscaping, parked vehicles or any other activities of the User.

District equipment placed in a sampling chamber for the purpose of determining the quantity and/or strength of the User's sewer discharge, or verification of a User's reports with respect thereto, shall not be moved, tampered with, adjusted, relocated, removed, or otherwise damaged by the User.

c. Right of Access

Representatives of the District may, during reasonable hours of all working shifts of the User, enter upon the premises of each User subject to this Ordinance for the purpose of installing, maintaining and inspecting measurement or sampling devices or equipment; for conducting necessary measuring, gauging and sampling operations; for inspecting or examining facilities, premises, installations and processes; and for inspection and copying of records.

Users shall, when required by the District, pump out vaults where water meters are located to provide safe access to District personnel for the purpose of meter reading and meter verification.

d. Liquid Quantity Measurements

Each sampling chamber wherein flow-proportional sampling is or must be performed pursuant to the requirements of Appendices B, C, and D of this Ordinance shall contain an accurate flow measuring device acceptable to the District.

Users shall repair or replace a primary or secondary flow measuring device, to the satisfaction of the District, if said flow measuring device is damaged, unsound or otherwise unsuitable for accurately measuring the existing flow conditions as determined by the District.

Users shall, when required by the District, install remote reading devices on flow measuring devices (flow meter,

water meter, magnetic meter) so that a User's meter(s) can be verified by District personnel without entering an unsafe or confined space.

e. Sampling

Minimum requirements for determining representative concentrations of BOD and SS shall include evaluation at least once during each calendar year period. The determination of representative concentrations shall be based on composite samples that are representative of the sewage, industrial wastes, or other wastes discharged by a User during normal daily operations. A User which reevaluates its discharge once during the calendar year shall apply the resulting representative concentrations to the entire year.

Reevaluations of discharges by a User when made more than once per calendar year shall be reported and employed in a manner which most reasonably characterizes the User's discharge. The requirements for representative sampling are further defined in Appendix B, Section I.

Users who conduct more frequent (more than 14 consecutive days of sampling) or continuous self-monitoring must submit the RD-920 Report within 45 calendar days of the last day of the month during which the samples were obtained.

Section 6. Billing Rates for Computing the User Charge

The billing rates, the administrative costs recovered through charges, and the OM&R Factor to be used in computing the User Charge are subject to revision. Revisions may be made, not more than once a year, on recommendation of the Executive Director and approval by the Board of Commissioners.

For the purpose of computing the User Charge to be paid to the District by Large Commercial-Industrial Users and Tax-Exempt Users, the billing rates and OM&R Factor found under Appendix F shall be used for reporting the Net User Charge.

Section 7. Calculating, Paying and Billing of User Charges

a. Calculating the Gross and Net User Charge

The Gross User Charge of each Large Commercial-Industrial User and Tax-Exempt User shall be the sum of the Total Wastewater Loading Charge as defined in Section 2 plus the administrative costs recovered through charges applicable to the User as provided in Appendix E. Where applicable, the amount of real estate taxes paid by the User to the District for the particular facility of the User, as evidenced by the most recently fully paid Cook County real estate tax bill, shall be multiplied by the OM&R Factor and the resulting amount will be deducted from the User Charge.

Irrespective of the identity of the person paying the property taxes, where the User is not the owner of record of the real estate parcel(s) upon which the User is located, the User must provide a certification executed by the owner of the parcel, identifying the portion of real estate taxes paid for the parcel to be assigned to the User for User Charge ad valorem tax credit. The assigned real estate taxes must be attributable to the portion of the parcel utilized by the User. The remainder is the Net User Charge which shall be paid by the User to the District simultaneously with the submittal of the RD-925 Statement.

b. Quarterly Payments

The District will send to Users, whose estimated annual Net User Charge exceeds \$12,000.00 for the year, quarterly payment notification. These payments are due and payable 45 days after the date on the invoice. Following the end of the year, such User shall reconcile its actual payments with the calculated Net User Charge as provided in Section 7a when submitting its RD-925 Statement. Additional amounts owed to the District shall be remitted with the RD-925 Statement.

The quarterly payments shall be automatically updated by the District after processing the most recently submitted RD-925 Statement. A User may request revision of its quarterly payments during the year and, if approved, the quarterly payments may be updated by the District based on the most recent data. It is the obligation of the User to pay the quarterly payments unless notified by the District to do otherwise.

c. Billing

The District shall bill any User who is in any manner delinquent in the performance of its obligations under this Ordinance. The billing frequency shall not be more than once per month nor less than once per year. All such bills shall be due and payable 45 days after the date on the invoice. In the absence of a timely filing, the District reserves the right to bill delinquent Users based on estimated quantities or best available data as determined by the District.

d. Interest

Interest at the rate of 0.75% per month or for any fraction thereof shall be added to any overdue payments as provided in 815 Illinois Compiled Statutes 205/4. Such interest shall accrue from the date any remittance was due until same is paid. Interest shall not be charged upon previously assessed and unpaid interest.

e. Verification of Remitted Amounts – Additional Bills

- (1) The District shall verify any and all data and RD-925 Statements submitted to it by a User pursuant to this Ordinance, evaluate its own data, call for more data, or develop additional

data as it deems necessary, and subsequently bill the User for any deficiency indicated as due thereafter. The transmittal of any bill to a User shall not stop the District from rebilling for any deficiency determined to exist due to any subsequent reevaluation of User or District data.

- (2) The District reserves the right to bill Users subject to this Ordinance for past wastewater treatment services provided. Such billing will commence from the date the District identifies such Users by notification, inspection or certified mailing regarding requirements of this Ordinance.
- (3) Requests to revise or otherwise modify an RD-925 Statement that has previously been certified as correct by the User and received by the District, may be subject to the provisions of Section 9a of this Ordinance.

f. Tax-Exempt Users' Reporting Option for Automatic Annual Billing

A Tax-Exempt User whose sewer discharges do not exceed:

- (1) A flow of 25,000 gallons per day; and
- (2) A BOD of 25 pounds per day; and
- (3) A SS of 35 pounds per day

may petition the Director, in writing, to report and pay its User Charges annually on the basis of District-approved estimates for flow or annual consumption based on water bills or water meter readings, if available, BOD concentrations of 119 mg/L and SS concentrations of 168 mg/L.

Should the petition be granted under this option, the District will bill the User annually for the User Charge due. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7f, and will be subject to annual reporting on the RD-925 as required.

Should the Director deny this petition, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Tax Exempt Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

g. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the Use of Standard Domestic Waste Strength Concentrations

Notwithstanding sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges do not exceed:

- (1) A BOD concentration of 119 mg/L and
- (2) An SS concentration of 168 mg/L,

may petition the Director, in writing, to report and pay its User Charges on the basis of documented intake water volumes or metered discharge volumes, BOD concentrations of 119 mg/L, and SS concentrations of 168 mg/L. Such petitions may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Requirements and conditions are outlined in Appendix D of the Ordinance.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

h. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the District's Determination of Representative Concentrations

In lieu of the sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges exceed:

- (1) A BOD concentration of 119 mg/L and/or
- (2) An SS concentration of 168 mg/L

after approval by the District, may elect to forgo the annual sampling requirements by allowing the District to sample the facility's discharge outlets and determine the User's representative concentrations. Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7h and conduct the required self-monitoring annually. Requirements and conditions are outlined in Appendix D of the Ordinance.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

i. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the District's Determination of Historically Representative Concentrations

In lieu of the sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges have exhibited uniform concentrations of BOD and SS for three consecutive representative years, as verified by the District, may elect, upon approval of the Director, to forgo the annual sampling requirement by allowing the District to

determine its representative concentrations based on historical data. Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7i and conduct the required self-monitoring annually.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

j. Adequate Measurement Facilities Option

A User presently without adequate individual facilities (sampling chamber, metering of intake water or metering of discharge volumes, if required) for the measurement of wastes as required in Section 5, must request approval of reasonable estimates of concentrations of BOD and SS during the period of construction of such facilities, until such time as adequate facilities for measurement are installed. This reporting option will be granted for a period of no more than one year from the initial request provided that the following requirements are met:

- (1) The User proposes estimated wastewater concentrations for each discharge to the District for approval prior to the reporting year;
- (2) The Director approves the estimated concentrations for the requested reporting year and notifies the User in writing with a schedule for progress reports and a final date for implementation of the measurement facilities;
- (3) The volume of flow used for reporting quantities is based on measured intake water consumed by the User, or a previously approved methodology for flow measurement;
- (4) The estimated concentrations are used throughout the year;
- (5) A date approved by the Director for the completion of the measurement and sampling facilities, as required in Section 5, is given;
- (6) A sampling program, as described in Section 5, is instituted upon completion of the measurement and sampling facilities. The results of this sampling program are to be used to calculate the Gross and Net User Charge liability during the period covered by the approval;
- (7) The User pays the District the additional User Charge within 90 calendar days of the

measurement and sampling facilities completion date, if the results of the sampling program (as mentioned in the foregoing subsection 6) indicate that the User Charge liability of the company is greater than the amount estimated during the election filing period. If the results of the sampling program indicate that the User's User Charge liability is less than the amount estimated during the election filing period, the District will credit the overcharge to the company's future User Charge liability; and

- (8) The User pays interest to be assessed by the District as described in Section 7d of this Ordinance, if the User fails to pay the additional User Charge liability, as set forth in the foregoing subsection (7), within the 90 day period.

k. Residential, Local Government and Small Nonresidential Commercial-Industrial Users

Users in these classifications shall under no circumstances be billed by the District nor be liable to pay User Charges, nor be subject to the annual reporting requirements as described herein.

l. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for Automatic Annual Billing and Historical or Standard Concentrations

Any Large Commercial-Industrial or Tax-Exempt User that has been approved to report under Section 7g or Section 7i of this Ordinance may request to be automatically billed and pay its User Charge liability annually on the basis of District-approved estimates for flow or annual consumption, and the standard BOD and SS concentrations as defined in Section 7g or the User's approved historical BOD and SS concentrations as defined in Section 7i. The User must demonstrate a consistent historical annual discharge volume over the most recent five-year period, subject to verification by the District.

Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7l and will be subject to annual reporting on the RD-925 as required.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

Section 8. Penalties

a. Failure to Submit Certified Statement

Should any User subject to the Ordinance fail to file its RD-925 Statement as required herein, the District will estimate the amount owed to the District and bill the User for such delinquent amount owed, together with interest and penalties as provided herein. Said bill shall be paid by the User within 45 calendar days after the date on the invoice.

The penalty for failing to file the RD-925 Statement by the due date shall be at a rate of two and one-half percent (2.5%) per month or for any fraction of a month thereof, of such unpaid amounts billed by the District. Such penalty shall accrue on the amounts owed from the date any remittance was due until paid, or the date of filing. In addition to such penalty, interest shall also be assessed as provided under Section 7d, except that no interest shall accrue on any unpaid penalty.

b. Failure to Perform or Report User Data

In the event a User fails to perform and/or report its annual evaluation for representative concentrations as required by Section 5e, the District may assess a penalty against the User of \$2,000.00 per day for each sewage outfall that the District samples and performs chemical analyses on the effluents obtained therefrom in order to complete the annual RD-925 Statement, due to such failure to perform or report such data by a User. This penalty shall be in addition to all other penalties and administrative costs imposed by this Ordinance.

c. Failure to Timely Submit Classification Statement

In the event a User fails to file the User Charge Facility Classification Questionnaire, as required under Section 4a and 4b, within 45 calendar days after written demand through a certified mailing, the District may assess a penalty against the User of \$200.00 per day for the time required by the District to complete the required filing for the delinquent User. This penalty is in addition to inspection and sampling charges found under Appendix E, which may be required to determine the User's classification.

d. Submittal of Deficient or Incomplete Statements Even If Timely Filed

In the event a User files a deficient or incomplete RD-925 Statement, as defined in Section 4(k) of this Ordinance, the District may assess a penalty against the User of \$1,000.00, and such forms shall be considered "not submitted" for purposes of this Section, until the deficiencies have been resolved to the satisfaction of the District.

e. Penalty Conditions

The filing penalty provided under this Section 8 shall be assessed against the User separately from any other penalties assessed against the User under the provisions of this Ordinance. If the User disputes a penalty, the User must notify the Director, in writing, of such dispute within 30 calendar days of receipt of the

penalty invoice, together with evidence or reasons why the User disputes the penalty. All disputes regarding filing penalties will be handled in accordance with Section 9a(2) through 9(f) of this Ordinance.

No interest shall accrue on the amount of any penalty imposed hereunder.

Penalties assessed against a User in an amount not to exceed \$10,000 will be neither prorated nor abated except by order of the Executive Director upon the recommendation of the Director of Monitoring and Research, Director of Finance or General Counsel, for good cause shown. Penalties assessed against a User in an amount in excess of \$10,000 will be neither prorated nor abated except by order of the Board of Commissioners, upon the recommendation of the Executive Director, for good cause shown.

A determination made by the Executive Director or Board of Commissioners relative to proration or abatement of penalties is final and is not subject to the administrative appeal process as set forth in Sections 9a and 9b.

Section 9. User Administrative Appeal Process

Any User subject to this Ordinance, or an Authorized Representative, shall have a right to appeal the amount billed, its User classification, or other matters related thereto as determined by the District. The two levels of the User Administrative Appeal Process include the Director of Monitoring and Research and the Board of Commissioners, which are outlined in this Section.

a. Appeals to the Director of Monitoring and Research

(1) Requesting an Appeal to the Director

- (a) All appeals shall be by written request, specifying the reason(s) for the appeal, to the Director within 90 calendar days of the date of the User Charge bill, or notification by the District regarding the User classification, or any other related matter.
- (b) In the event the request for an appeal is not made within 90 calendar days, as specified above, but is made within 120 calendar days of the User Charge related action, the District will waive the 90 calendar day requirement, provided the User first pays an amount, which when added to the amount already paid, makes the total payment made equivalent to 50% of the Net User Charge calculated by the District as a deposit toward the Director's eventual determination of the amount owed. Should the appeal process conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.
- (c) No request for an appeal will be accepted if it is made beyond 120 calendar days of the

issuance of a User Charge-related action as described in Section 9.

(2) Director Appeal Meeting and Determination

- (a) The Director or his appointed designee will respond in writing to a request for an appeal within 45 calendar days of the receipt of a request from the User and shall schedule an appeal meeting in the letter responding to this request. The User may, prior to the original scheduled meeting date, request one rescheduling of the appeal meeting. The rescheduled appeal meeting must occur not later than 30 calendar days after the date of the originally scheduled Director Appeal meeting.
- (b) When a meeting is scheduled by the Director, the User must submit all data pertinent to the appeal which must include all sampling data taken by or for the User during the year or years under appeal and all data during any prior or subsequent year, on which the User wishes to base the appeal. This data must be submitted to the Director at least 14 calendar days prior to the scheduled appeal meeting.
- (c) Failure of the User to provide, on or before the date of the meeting, written, unqualified certification on forms supplied by the District that he/she has provided all relevant technical information, flow data or User Charge sampling data for all samples taken for the year(s) under appeal, shall result in rejection of the appeal by the Director.
- (d) The Director or his appointed designee shall attempt to resolve any bona fide claims, disputes, or inquiries which the User may have based on factual or technical information. All determinations made by the Director shall be reduced to a written determination and a copy thereof transmitted to the User. The Director will use his best efforts to transmit these determinations to the User within 60 calendar days of the appeal meeting.
- (e) Should the User fail to appear at a scheduled Director Appeal meeting without first notifying the Director, another appeal meeting will not be scheduled unless the User requests such a meeting, in writing, to the Director, not later than 10 calendar days after the date of the scheduled Director Appeal meeting, and the User makes a 50 percent payment of the amount billed by the District as set forth in Section 9a(1)(b). A second Director Appeal meeting may be granted at the discretion of the Director upon a finding of good cause as to why the initial Director Appeal meeting was missed. The rescheduled appeal meeting must occur not later than 30 calendar days

after the date of the originally scheduled Director Appeal meeting.

- (f) If a properly filed request for a second Director Appeal meeting under this Section is denied by the Director, the User may file an appeal to the Board of Commissioners for the sole purpose of determining the propriety of the Director's denial. If the Board of Commissioners grants the User's appeal request, then the matter shall be remanded for a Director Appeal under the provisions of this Section.
- (g) Failure of the User to appear for a second scheduled appeal meeting will result in cancellation of the appeal and the matter will be considered closed.

b. Appeals to Board of Commissioners

(1) Requesting an Appeal to the Board of Commissioners

In the event the User does not concur with the appeal determination of the Director, the User, or an Authorized Representative, may petition the Board of Commissioners for a hearing. Any petition for a hearing by the Board of Commissioners shall be made by the User within 30 calendar days after receipt of the determination by the Director.

- (a) This petition must be in writing by the User and sent to the President of the Board of Commissioners, at 100 East Erie Street, Chicago, Illinois 60611, with a copy to the Director. Within 30 calendar days after receipt of this petition, the Director will use his best efforts to advise the User in writing, regarding the date on which the Board of Commissioners would consider the petition made by the User. If the petition to the Board of Commissioners is regarding a User Charge bill, the User shall deposit an amount which when added to the amount already paid, makes the total amount paid equivalent to 75 percent of the Net User Charge calculated by the District as a result of the Director's determination. Should the hearing conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.
- (b) In the event the request for review by the Board of Commissioners is not made within 30 calendar days after receipt of the determination by the Director, the District shall invoke its authority, as granted in Section 11 of this Ordinance, and recover any and all amounts due and owing. However, the District may waive the 30 day requirement, provided the request is made by the User within 90

calendar days after receipt of the determination by the Director and provided the User first deposits an amount which, when added to the amount already paid, makes the total amount paid equivalent to 85 percent of the net User Charge calculated by the District as a result of the Director's determination. Should the hearing conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.

- (c) No request by the User for review of the Director's determination will be accepted by the Board of Commissioners if such a request is made beyond 90 calendar days after the receipt of the determination by the Director.
- (2) The Board of Commissioners shall review this petition and determine whether the petition for an appeal shall be heard by the Board of Commissioners itself or by such persons as it may designate. Within 30 calendar days after the meeting, the Director will use his best efforts to notify the User in writing as to the action taken by the Board of Commissioners regarding said petition.
- (3) When such an appeal hearing is conducted by the designee of the Board of Commissioners, the designated appeal officer shall submit a written report of findings to the Board of Commissioners with respect to such appeal.
- (4) The scope of the hearing shall be limited to the issues raised by the User in its appeal to the Director. No sampling data or technical information which the User did not submit to the Director under Section 9(a)(2)(b) shall be utilized for any purpose in a hearing before the Board of Commissioners.
- (5) All appeal hearings before the Board of Commissioners shall be concluded as soon as practicable.
- (6) The Board of Commissioners shall promulgate procedural rules governing the proceedings.
- c. Refund of Deposits
In making refunds of deposits, or any portion of a deposit, interest shall be paid for the time the deposit or portion thereof is held by the District at a rate equal to 0.75% per month or for any fraction thereof as provided in 815 Illinois Compiled Statutes 205/4.
- d. Bond in Lieu of Cash Deposits for Appeals
Whenever a cash deposit is required to pursue an appeal to the Director or the Board of Commissioners, a User may elect to post a bond for the amount due in lieu of a cash deposit to perfect the appeal. The bond must be issued by a commercial bonding company approved by the District on terms that are acceptable to the District.

- e. **Accrual of Interest During Appeal**
Any monies owed to the District for the reporting year under appeal will accrue interest during the appeal process as provided under Section 8.
- f. **Administrative Review**
The Administrative Review Law of the State of Illinois, and the rules adopted under such law, shall govern all proceedings for judicial review of final orders of the Board of Commissioners issued under this Section.

Section 10. Administrative Cost Recovery

Annually, for the most recent year for which complete records are available, the District makes a determination of its costs in administering the Sewage and Waste Control Ordinance (SWCO) and the User Charge Ordinance for the Large Commercial-Industrial User classification, the Small Nonresidential Commercial-Industrial User classification, the Residential User classification and the Tax-Exempt User classification, and includes these administrative costs as part of the User Charge.

The cost for administering the minimum pretreatment requirements (MPR) of the SWCO shall be segregated from the OM&R costs and recovered from the Significant Industrial Users (SIU). Users will be subject to MPR costs for a calendar year if at any time during the calendar year the User was designated as an SIU. MPR costs are for activities which include, but are not limited to the following: review and processing of Discharge Authorization Requests (RD-118), Continued Compliance Reports (RD-115) and Spill Prevention, Control and Countermeasure (SPCC) Plans; annual SIU inspection and review and annual SIU sampling, laboratory analysis and review; preparation of IEPA/USEPA Pretreatment Program reports; maintenance and quality assurance of electronic and hard copy files; search and identification of new SIUs; and annual evaluation of local limits for the discharge of pollutants. The MPR cost shall be recovered through a series of charges based on the flow volume of SIUs. The series of charges shall reflect the grouping of SIUs by ranges in flow volume and are set forth in Appendix E.

The cost for administering the User Charge Verification (UCV) requirements under this Ordinance shall be included in the OM&R cost. UCV costs are for activities which include, but are not limited to the following: review, evaluation and processing of RD-925 Statements and RD-920 Reports; UCV inspection, sampling, laboratory analysis and review; review, inspection and evaluation of technical proposals for reporting methodologies; preparation of User Charge reports, correspondence and notifications; maintenance and quality assurance of electronic and hard copy files; search and identification of new Users subject to the Ordinance; and the evaluation of User Charge rates and administrative costs.

Section 11. Enforcement

The District may recover any and all amounts due and owing as provided herein and take such other and further legal action as may be necessary to recover all such sums due it hereunder, restrain any unlawful discharge, and compel compliance with the provisions of this Ordinance.

Users who have ceased operations prior to the close of the filing year are required to calculate an estimated User Charge liability for the portion of the year or period of operation and submit payment. The District reserves the right to calculate the User Charge liability and bill the User for any amounts due during the year in which the liability was incurred.

Section 12. Severability Clause

The invalidity of any portion of this Ordinance shall in no way affect the validity of any other portion thereof which can be given effect without such invalid part. Any portion repealed or adjudged invalid or unconstitutional is severable from the remaining provisions and said remaining provisions shall continue in full force and effect.

Section 13. Effective Date

This Ordinance remains in full force and effect and the amendments hereto adopted on September 15, 2016, shall be effective on January 1, 2017.

Approved:

MARIYANA T. SPYROPOULOS,
President
Board of Commissioners of the
Metropolitan Water Reclamation
District of Greater Chicago

Approved as to Form and Legality:

LISA LUHRS DRAPER
Head Assistant Attorney

RONALD M. HILL
General Counsel

APPENDIX A TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR REPORTING FLOW VOLUME AND ESTABLISHING DEDUCTIBLE QUANTITIES

SECTION I. REPORTING WASTEWATER FLOW VOLUME

Wastewater flow volume shall be reported in accordance with either Option 1 or 2. Whenever the wastewater flow volume discharged into the District's sewerage system cannot be accurately quantified solely by means of total metered water usage, the User shall report on the basis of direct discharge measurement. In the absence of accurate direct discharge measurement as described herein, the User may be required to report the maximum daily discharge as determined by the District until a means of accurate measurement is provided by the User.

Option 1. Reporting of Wastewater Flow Based on Total Metered Water Usage

Reporting of wastewater flow based on total metered water usage will be allowed as follows:

- a. Use of municipally owned meters for water billing purposes: Users must submit copies of water bills with the RD-925 Statement to document the reported flow volume.
- b. Use of privately owned water meters for wells, river water, or other water sources or purposes: Water meters must have nonresettable totalizers. Meters must also be calibrated according to the following schedule:

Meter Size (inches)	Frequency of Calibration (Years)
½ to ¾	10
¾ to 1	6
1½ to 4	4
6 or larger	1

- c. Calibration requirements: Users must submit details of the calibration procedure, including the meter reading prior to the calibration date, and certification with the RD-925 Statement for the year in which calibration was performed. Meter calibration and certification documents for newly installed meters, whether new or repurposed, must be submitted.

Calibration procedures must conform to the methods recommended by the American Water Works Association (AWWA) and the American Society for Testing of Materials (ASTM). Where a User can demonstrate to the satisfaction of the District that the requirement for calibration of water meters cannot be reasonably complied with, without undue economic burden and/or disruption to the User's operations, the Director may relax the meter calibration requirements established under this Section. Any such relaxation in calibration requirements shall not apply to incoming

water meters or to meters installed for direct discharge measurement.

- d. Privately owned meters must be read a minimum of once per week; a log of such readings, including the proper units, must be submitted with the RD-925 Statement.
- e. Privately owned meters must be sealed with District seals. Requirements regarding these seals are in Section II.
- f. Bypasses around privately owned meters are not allowed unless additional meters are installed and approved to monitor bypass flows.
- g. Use of privately owned water meters must receive prior written approval as described in Section III.

Option 2. Reporting of Wastewater Flow Based on Direct Discharge Measurement

Reporting of wastewater flow based on direct discharge measurement will be allowed as follows:

- a. Wastewater flow measurement must be continuous.
- b. Each wastewater flow measurement device shall be provided with a secure nonresettable totalizer acceptable to the District and with a record of continuous flow data acceptable to the District. The record of continuous flow data must be stored at the User's facility for not less than three years, and must be made available to the District upon demand. Totalizers must be read a minimum of once per week; a log of such readings, including the appropriate conversion factors, must be submitted with the RD-925 Statement.
- c. Flow measurement devices (e.g., bubbler-type, float-type, or ultrasonic-type) must be calibrated monthly. At least annually, the accuracy of the device must also be certified by a factory-authorized representative. Documentation of this certification must be submitted with the RD-925 Statement.
- d. Flow measurement systems and facilities and procedures for flow determination must receive the prior written approval of the Director before implementation as described in Section III.

SECTION II. ESTABLISHING DEDUCTIBLE QUANTITIES BY DIRECT METERING

Users reporting on the basis of total metered water usage (Section I, Option 1) may deduct water-to-product and/or water used in other plant processes that is not discharged as wastewater flow to the sewer system. These deductions will be allowed only after receipt of prior written approval. Prior written approval shall be based on water meters installed to measure deducted quantities and other credible evidence as required by the District. Reporting and calibration of these meters (e.g., boiler supply and blowdown meters, water-to-product meters, irrigation supply meters, etc.) to measure deducted quantities must adhere to the requirements of Section I, Option 1b, and the following:

- a. Meters must be sealed with District seals. The District must be notified at least one week before the start-up date of the proposed meters in order for District seals to be installed on these meters.
- b. When a seal is to be removed for calibration or meter repair, the District must be notified immediately by calling the Pretreatment and Cost Recovery Section at (312) 751-3000 during normal business hours. Such notification shall be confirmed in writing by the User and received by the District within five calendar days by one of the following methods: U.S. mail addressed to the Pretreatment and Cost Recovery Section, 111 East Erie Street, Chicago, IL, 60611; facsimile transmission sent to the Pretreatment and Cost Recovery Section at (312) 894-2150; or by electronic mail sent to mwrdr-ucts@mwrdr.org.
- c. Upon notification, District personnel will provide the User with a new seal within five working days. Removal of a District seal without providing the foregoing notification may result in a loss of credit for deducted water volumes for the entire year in which the failure of compliance occurred.

wastewater treatment facilities; and any other information affecting the measurement and sampling of wastewater discharges.

- c. Specifications for wastewater flow measurement equipment.
- d. Locations, manufacturer, model, serial number, and size, if appropriate, for all water meters and flow measurement equipment.

Once a proposal is found acceptable, the User will be notified to proceed with the installation of the metering equipment as stated in the proposal. It is incumbent upon the User to notify the District, in a timely manner, upon completion of the installed equipment. The District will inspect the installed metering equipment for conformity with the proposal and will notify the User in writing of approval to use the methodology when reporting its User Charge liability. Until the approval of the installation is granted, the User must use metered intake or a current, approved metering methodology when reporting its User Charge liability, unless otherwise approved by the District. The User must notify the Pretreatment and Cost Recovery Section immediately upon finding that the approved meters are either no longer being used, broken, or removed.

SECTION III. APPROVAL PROCEDURE AND REQUIRED SUBMITTALS

In reference to Section I, Options 1b and 2d, and Section II, use of the metering system and/or methodology outlined will be allowed only after receipt of prior written approval by the Director. This approval will be effective for the year stated in the approval and subsequent years, or until the approval is revoked by the Director. The approval will also be effective for a maximum of two prior years immediately preceding the approval if those years were already under appeal at the time of the approval process, and provided operations at the User's facility in these two preceding years remained identical to those of the year when approval is granted.

To obtain approval, the User must submit an acceptable written proposal to the Director which specifies the measures which will be taken to comply with these requirements. The proposal must be signed by the authorized representative of the User, and certified as accurate and complete by a Registered Professional Engineer licensed by the state of Illinois. Proposals should include the following information as appropriate:

- a. Description of the methodology for total metered water usage, direct wastewater flow measurement or measurement of deductible quantities, water-to-product, or other water losses.
- b. Plans for wastewater measurement and/or sampling facilities which include a site plan showing the location of municipal water supply lines and private wells and other water sources such as rivers, lakes, and ponds; discharge points to water sources; layout of sewers and sampling locations; details of primary measuring devices; a system for identifying sampling locations; onsite

APPENDIX B TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR WASTEWATER SAMPLING TO DETERMINE REPRESENTATIVE CONCENTRATIONS

SECTION I. Representative Sampling

Sampling of a facility's wastewater flow(s) must be performed at a time, or at times, such that the resulting BOD and SS concentrations obtained are representative or typical of normal operating conditions either throughout the calendar year or for that portion of the year for which concentrations are applied. Sampling during periods of reduced production (e.g., vacation periods, holiday periods, postholiday periods, plant start-up or shake-down operations, etc.) or any other periods that affect the normal character of the User's effluent is not considered representative of normal operating conditions.

Daily composite samples are used to determine the representative concentrations for BOD and SS during the workday. Composite samples may be collected by one of the following methods:

Time Composite Sampling is used to provide representative samples when the flow rate of the sampled stream is relatively constant. Time composite samples are composed of constant volume discrete samples collected at constant time intervals.

Flow-Proportional Sampling is used to provide representative samples when the flow rate of the sampled stream varies by more than ten percent over the workday. The primary measuring device used for flow-proportional sampling for User Charge reporting purposes must receive prior written approval by the Director. Temporary primary measuring devices are not permitted.

Variable Volume Flow-Proportional Sampling is used to provide representative samples when the time between samples is constant, and the volume of each sample is proportional to the flow at that given moment in time (i.e., the volume of the sample varies over time as the flow changes). This method requires that discrete samples be collected over the operating day and then composited.

Constant Volume Flow-Proportional Sampling involves collecting a constant sample volume for each fixed volume of waste stream flow (e.g., 200 ml sample collected for every 5,000 gallons of waste stream flow).

SECTION II. Sample Collection

A. General Sampling Methodology

Users whose wastewater discharge throughout a calendar year is consistent in volume and concentration are required to sample based on wastewater discharge volume and/or characteristics as follows:

1. Users discharging an average wastewater volume of more than 200,000 gallons per day (gpd) must comply with the following requirements:
 - a. Such Users must sample said outfalls in proportion to flow during normal daily operations for one normal work-week at least once per calendar year. Users may use either of two methods referenced in Section I above for obtaining flow-proportional samples.
 - b. Such Users must provide a primary flow-measurement device (i.e., accurate weir or flume) on each outfall for which flow-proportional sampling is required.
2. Users discharging an average wastewater volume less than 200,000 gpd must sample during normal daily operations for two consecutive, normal workdays at least once per calendar year. These Users may use the time composite sampling method referenced in Section I above, provided the flow rate is relatively constant, and the wastewater discharged throughout a calendar year is consistent in volume and concentration.
3. Each User's sampling installation(s) and program(s) are subject to District verification. The District may impose additional requirements on a case-by-case basis.

B. Sampling Requirement for Users with Wide Fluctuations in Quantity and/or Concentration of Wastes

Users whose discharge flow and/or BOD and SS concentrations are subject to wide fluctuations during a calendar year due to seasonal or cyclical operational variations are required to sample as often as is necessary to establish representative data for its waste streams for specific time periods. The frequency of sampling may be increased and/or the duration of sampling may be extended, but each sampling program must adhere to the methodology and the minimum consecutive day requirements. Random day sampling during a calendar year is not acceptable for reporting purposes.

Any change in a User's sampling methodology shall be approved by the District. The User shall demonstrate, to the District's satisfaction, by a written proposal and adequate documentation, that the change in sampling methodology is proper to obtain representative concentrations. Any combination of the forgoing sampling methodologies may be imposed by the District to establish representative concentrations for a User's discharge.

C. Sampling of Multiple Outfalls

Users whose wastewater discharges through more than one outfall of a facility must sample all outfalls simultaneously during each sampling program.

D. Automatic Sampling Devices

Users may utilize automatic sampling equipment for performing sampling requirements. These devices must be properly installed, adjusted, and maintained, have refrigeration capability, and comply with **Standard**

Methods for the Examination of Water and Wastewater (Standard Methods), published jointly by the American Public Health Association (APHA), American Water Works Association (AWWA), and Water Environment Federation (WEF). (See Sections III and IV.) Refrigeration must be used, when required, to maintain the temperature of the sample as specified in Section III.

E. Use of Standard Concentrations for Sanitary Waste and/or Non-Contact Cooling Water

Users with multiple outfalls who have one or more outfalls which discharge strictly domestic wastes and/or noncontact cooling water may elect to sample such discharge(s) on a onetime-only, two-day, time-composite basis (Sections II.A.2) to characterize such discharge(s). If analyses indicate that BOD and SS concentrations are less than standard domestic waste concentrations of 119 mg/L for BOD and 168 mg/L for SS, then these outfalls need not be sampled again and standard concentrations of 119 mg/L for BOD and 168 mg/L for SS may be used for subsequent reporting purposes, unless operational changes affect the nature of the representative discharges. However, the volume of domestic wastes and/or non-contact cooling water wastes must be determined by measurement at the outfalls or by in-plant installation of water meters. Alternatively, a User may elect to sample these outfalls during each sampling program.

SECTION III. Preservation and Compositing of Samples

Individual samples obtained by the methodology of either Section II.A.1 or II.A.2 or by automatic sampling devices must be kept at or below 40°F, but above freezing, during collection and compositing. Individual samples must be composited daily (compositing period must not be less than 22 hours or more than 26 hours). Composite samples should be refrigerated in transit to the laboratory and analysis should begin within six hours of compositing.

SECTION IV. Analyses of Samples

All analyses for BOD and SS must be in accordance with the latest edition of Standard Methods. Special attention to the procedures stipulated for the BOD analysis is stressed, specifically relative to the seeding of samples and to the technique of preparing an adequate number of dilutions. (Note: Upon written request to the Director, seed material may be obtained free of charge at the District's Monitoring and Research Laboratory in Stickney, Illinois.)

SECTION V. Independent Sampling

The User Charge system is a self-reporting one; therefore, unless otherwise approved by the Director, the User must conduct flow measurement and/or sampling of the facility independently of the District in accordance with the notification requirements under Section 4i and the sampling requirements under Section 5e of this Ordinance. The District may provide the User with split samples, upon the User's request, provided sufficient sample volume is available and the User furnishes sample containers.

However, the District shall not allow the use of analytical results of these split samples in the computation of User Charges.

If a User is precluded from conducting independent sampling of its discharge because access to the User's control manhole or sampling chamber is prevented by the presence of the District's monitoring equipment, the User may make a request for, and obtain splits of District samples and, following proper chain of custody procedures, analyze these samples, and use the data for the purpose of completing and submitting the RD-925 Statement required under Section 4 of this Ordinance. However, in such cases, the User shall obtain prior written permission from the District.

SECTION VI. Calculation of Representative BOD and SS Concentrations

Users must calculate the representative BOD and SS concentrations that are to be used for reporting purposes either by performing flow-proportional sampling or by performing equal-volume, time-composite sampling as required herein. Users must submit the daily flows (intake and/or discharge volumes) corresponding to the BOD and SS analyses for each day of the sampling period with the RD-920 Report. Irrespective of whether a User performs flow-proportional sampling or equal-volume, time-composite sampling, the average BOD and SS concentrations, for the period of sampling, must be computed by weighted average using the representative concentrations and the corresponding daily flows. Arithmetic averaging of daily BOD and SS concentrations obtained during the sampling period is not permissible for reporting purposes. Users must submit this data in the RD-920 Report.

SECTION VII. Application of BOD and SS Concentrations for Multiple Samplings Per Calendar Year

Users conducting sampling more frequently than the minimum requirement of once per calendar year must apply BOD and SS concentrations to discharge volumes for the specific time frames (e.g., two months, six months, etc.) for which the wastewater concentrations are considered representative. The User's methodology for applying sampling data must be identified in the User's sampling proposal and approved by the District.

APPENDIX C TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR REPORTING WASTEWATER DISTRIBUTION ACROSS MULTIPLE OUTFALLS

SECTION I. MONITORING OPTIONS

A User with multiple outfalls from its facilities or contiguous complexes may report the wastewater flow volume distributed through each outfall individually on the RD-925 Statement, provided the quantity of wastewater is determined by continuous measurement of each outfall. Continuous measurement of discharge flows will be allowed by either Option 1 or Option 2 (below), and in accordance with the Ordinance and Appendices A and B, thereto.

Option 1. Use of Water Meters for Continuous Measurement

Municipal or privately owned water meters that continuously measure intake water to a facility or building may be used for documenting the discharge volume from the facility or building subject to the following conditions and requirements, as applicable:

- a. The facility or building has a single outfall.
- b. Privately owned water meters are approved and sealed by the District as per applicable portions of Appendix A. Procedural provisions of Appendix A must be implemented.

Option 2. Use of Direct Discharge Flow Measurement Devices

Wastewater discharged through any outfall may be measured continuously with a flow measurement device and the quantity reported accordingly, subject to the following conditions and/or requirements:

- a. The outfall contains an accurate primary flow measurement device (e.g., weir or flume) located in an adequate sampling chamber or manhole which has been approved by the District.
- b. The flow measurement system has been approved by the District, and the applicable procedural provisions of Appendix A are implemented.

SECTION II. ALTERNATE REPORTING

In accordance with Section I of this Appendix, a User with multiple outfalls, who does not have a flow-distribution methodology approved by the District, must report on the basis of total metered water intake to its facilities (minus any in-plant water losses approved by the District) and apply the highest values of the BOD and SS concentrations obtained by sampling each of its outfalls to that volume of water, unless otherwise warranted.

APPENDIX D TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR LARGE COMMERCIAL- INDUSTRIAL AND TAX-EXEMPT USERS' REPORTING OPTIONS AND DETERMINATION OF REPRESENTATIVE CONCENTRATIONS

Sections 7g, 7h and 7i of the Ordinance provide a User with options to report and pay its User Charge on the basis of application of approved wastewater concentrations to the documented intake water volumes or metered discharge volumes. These options relieve the User from performing annual sampling of wastewater flows to determine representative concentrations for BOD and SS. This Appendix is intended to clarify requirements and conditions of the District which govern the implementation of the provisions of Sections 7g, 7h and 7i of the Ordinance.

SECTION I. USER REPORTING OPTION REGARDING REPRESENTATIVE CONCENTRATIONS

A. Use of Standard Concentrations

A User seeking approval to report under Section 7g of the Ordinance must sample wastewater discharges from all of its outfalls, or provide relevant data from prior years which characterize such discharges. If such analyses indicate that BOD and SS concentrations at all of its outfalls are less than the standard domestic waste concentrations of 119 mg/L for BOD and 168 mg/L for SS, then the User may petition the Director for approval to report based on standard concentrations.

Future sampling will not be required unless directed by the District or until operational changes occur that affect the nature of the wastewater discharges. The User must report any changes in the character of its discharge to the Director and provide new sampling data when changes in waste discharge occur. A User may not report under Section 7g for User Charge purposes without written approval from the Director.

B. Use of Representative Concentrations Determined by the District

If the sampling analyses, previously submitted by a User and on file with the District, or submitted by a User as a part of the petition to the Director, indicate that either the BOD or SS concentrations at any outfall exceed the standard domestic waste strength concentrations of 119 mg/L for BOD and 168 mg/L for SS, then according to Section 7h of the Ordinance, the User may petition the Director for permission to forgo the required annual sampling, and allow the District to sample the facility. The User would apply the resulting BOD and SS concentrations to User-documented intake water volumes or metered discharge volumes when filing the RD-925 Statement.

Any sampling that the User utilizes as a basis for a petition to the Director must conform to the following requirements:

1. Users discharging an average wastewater volume of more than 200,000 gpd, or having wide fluctuations in volume and waste loadings, must sample all outfalls in proportion to flow during normal daily operations for at least one normal workweek. Additional sampling, if not provided, must be submitted if required by the Director.
2. Users discharging an average wastewater volume of 200,000 gpd or less must sample during normal daily operations for at least two consecutive, normal workdays. An equal volume of sample must be obtained no less frequently than once per hour during each day in the sampling period. Sampling durations exceeding two consecutive days may be required on a case-by-case basis.

C. Use of Historical Concentrations

Users seeking approval to report under Section 7i of the Ordinance for any final outfall must have sampled wastewater discharges from those specified outfalls in accordance with the requirements under Section 5e. All valid and relevant data from a minimum of three consecutive, prior years will be used to characterize such discharges. If such analyses indicate that BOD and SS concentrations at the specified outfall remain consistent over a consecutive, historical period, the User may petition the Director for approval to be allowed to report based on the historically representative average flow-weighted concentrations. The District will review all available data obtained by both the User and the District when making its determination. The approved BOD and SS concentrations, applied to a specific outfall, will be valid for the reporting year as stated in the approval and thereafter, unless revoked by the District.

Future sampling will not be required unless directed by the District or until operational changes occur that affect the nature of the wastewater discharges. The User must report any substantial changes in the character of its discharge to the Director and provide new sampling data when changes in waste discharge occur. The District may perform inspection and/or verification sampling programs periodically to verify that the approved historical concentrations remain valid.

SECTION II. APPROVAL PROCEDURE AND REQUIRED SUBMITTALS

Users must receive prior written approval from the Director before implementation of any User reporting option specified in Sections 7g, 7h or 7i of the Ordinance. To obtain approval, a User must submit a written request to the Director. Adequate documentation must accompany such request.

- A. A User discharging an average wastewater volume of 200,000 gpd, or less, and who has never sampled its facility, must submit the following documentation with the request:
 1. Laboratory data sheets listing individual analytical results and signed by the User's consulting engineer and/or authorized laboratory supervisor.
 2. A completed, certified RD-920 Report.
- B. A User discharging an average wastewater volume exceeding 200,000 gpd, who never previously sampled its facility, must submit:
 1. Documents under item A of the section.
 2. Log of flowmeter totalizer readings, including appropriate conversion factors and flow meter recorder charts, that pertain to the sampling period.
- C. A User who has prior years' data for information requested in A and B above may submit this information with its petition to the Director or certify that the data submitted with previous annual filings is appropriate for its current discharge. If this existing information is determined not to be representative of the User's facility at the time of the petition to the Director, the User must conform to the requirements of A and B above.
- D. Upon receipt of a User's written request for approval to report under Section 7g, Section 7h or Section 7i, the District will do the following:
 1. Acknowledge a User's request, in writing, within 30 calendar days of receipt of the request.
 2. Render the Director's determination, in writing, within 90 calendar days of receipt of a User's request, for a User who petitions to report under Section 7g or Section 7i of the Ordinance.
 3. Render the Director's determination, within 90 calendar days after receipt of a User's request, for a User who petitions to report under Section 7h of the Ordinance. Factors which will be considered by the Director in the evaluation of a User's request, include, but are not limited to, the following:
 - a. Suitable sampling/flow measurement chambers exist on all the outlets of the User's facility which will accommodate the use of the District's automatic sampling apparatus in a safe and secure manner.
 - b. The wastewater discharges from all outlets of the User's facility are amenable to sampling via the use of the District's automated sampling equipment.
 - c. The User's operation is fairly consistent throughout the year such that the representative concentrations obtained from a sampling study over one normal workweek are adequate to determine the User's User Charge liability for the reporting year.
- E. All applications for the Section 7g option approved during a given year apply for that entire year and subsequent years until revoked.
- F. All applications for the Section 7h option approved prior to and including June 30 of a given year are effective for that year and for subsequent years until revoked.
- G. All applications for the Section 7h option approved after June 30 of a given year are effective for January 1 of the following year and for subsequent years until revoked.
- H. A User who is approved for sampling by the District under Section 7h will receive a written report of the field and laboratory analytical data and the representative concentrations to be used in calculating its User Charge liability within 60 calendar days of completion of the District's sampling program.
- I. Participation in this program by a User does not in any way alter the right of said User to appeal under Section 9 of the Ordinance. However, any User who appeals the District's representative concentrations for two consecutive years will be disqualified from reporting under Sections 7g and/or Section 7h of the Ordinance.
- J. A User who wishes to appeal the representative concentrations established by the District under the Section 7h option must do so within 90 calendar days of receipt of this data from the District. After 90 calendar days, no appeals will be accepted by the District.
- K. Users approved to report under Section 7g or Section 7h or Section 7i of this Ordinance may not submit self-monitoring data for a reporting year or a portion thereof in lieu of the standard concentrations, the District-supplied concentration data or the approved historical concentration data, respectively, for the year when an approval under any reporting option was in effect. Such data will not be accepted for use when calculating the annual RD-925 Statement.

APPENDIX E

TO THE USER CHARGE ORDINANCE RECOVERY OF PRETREATMENT PROGRAM ADMINISTRATIVE COSTS

SECTION I. Minimum Pretreatment Requirement (MPR) Charges

In accordance with Section 10, the charges for annual account administration and review of mandatory reports, and charges for annual inspection and verification of discharges permitted under the District's Pretreatment Program and the Sewage and Waste Control Ordinance shall be recovered from Significant Industrial Users (SIU) based on the following schedule:

SIU Annual Flow Volume (gallons)	Charge (Dollars)
<1,296,760	935
1,296,760 to 3,478,200	1,895
3,478,200 to 6,036,040	3,805
6,036,040 to 10,464,520	5,700
10,464,520 to 18,613,980	7,625
18,613,980 to 28,329,770	9,520
28,329,770 to 56,498,000	11,295
>56,498,000	13,320

Activity	Charge
Inspection	\$375
Each sample point specified in the SIU's Discharge Authorization	\$510

SECTION II.

This section deleted effective January 1, 2014.

SECTION III. Charge Assessment and Payment

The MPR charges, where applicable, will be included in the estimated User Charge and notification will be provided to the User. Payment shall be included in the quarterly or annual remittance submitted to the District.

APPENDIX F

TO THE USER CHARGE ORDINANCE USER CHARGE RATES

SECTION I LARGE COMMERCIAL-INDUSTRIAL USER AND TAX EXEMPT USER RATES

In accordance with Section 6, for the purpose of computing the User Charge to be paid to the District by Large Commercial-Industrial Users and by Tax-Exempt Users, the following billing rates shall be used for the 2017 reporting year:

- 1) Volume: \$259.61 per million gallons
- 2) 5-day BOD: \$229.13 per thousand pounds of BOD
- 3) SS: \$142.47 per thousand pounds of SS

SECTION II

This section deleted effective January 1, 2014.

SECTION III OM&R FACTOR FOR TAX CREDIT

In accordance with Section 6 and Section 7, for the purpose of computing the allowed deductible portion of ad valorem taxes paid to the District, the following OM&R Factor shall be used for the 2017 reporting year:

OM&R Factor: 0.339

ADOPTED:

MARIYANA T. SPYROPOULOS, President

Board of Commissioners of the
Metropolitan Water Reclamation
District of Greater Chicago

Approved as to form and legality:

LISA LUHRS DRAPER
Head Assistant Attorney

RONALD M. HILL
General Counsel

Metropolitan Water Reclamation District of Greater Chicago



User Charge Ordinance

As Amended

September 15, 2015

(Amendments effective January 1, 2016)

**METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO**
100 EAST ERIE STREET
CHICAGO, ILLINOIS 60611
(312) 751-5600

BOARD OF COMMISSIONERS

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Hon. Barbara J. McGowan, *Vice President*
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Operations*
Jacqueline Torres, *Clerk/Director of Finance*

AN ORDINANCE

AN ORDINANCE TO PROVIDE FOR THE RECOVERY OF EACH USER'S PROPORTIONAL SHARE OF THE OPERATIONS, MAINTENANCE, AND REPLACEMENT COSTS INCURRED BY THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO FOR THE TREATMENT AND DISPOSAL OF SEWAGE, INDUSTRIAL WASTE, AND OTHER WASTES GENERATED BY EACH USER, PURSUANT TO THE REQUIREMENTS OF THE FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972 AND THE CLEAN WATER ACT OF 1977 (33 U.S.C. §§ 1251-1387) AND THE RULES AND REGULATIONS OF THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY PROMULGATED PURSUANT THERETO, FOR DISCHARGES OF SEWAGE, INDUSTRIAL WASTES, AND OTHER WASTES MADE TO SEWERS UNDER THE JURISDICTION OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, HEREINAFTER KNOWN AS THE "USER CHARGE ORDINANCE," ADOPTED BY THE BOARD OF COMMISSIONERS, METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, ON OCTOBER 4, 1979 AND AS AMENDED TO, AND INCLUDING, MARCH 19, 1992, OCTOBER 6, 1994, NOVEMBER 3, 1994, OCTOBER 19, 1995, NOVEMBER 7, 1996, NOVEMBER 6, 1997, JULY 9 AND NOVEMBER 5, 1998, FEBRUARY 4, 1999, OCTOBER 7, 1999, FEBRUARY 17 AND DECEMBER 7, 2000, NOVEMBER 15, 2001, NOVEMBER 7, 2002, NOVEMBER 6, 2003, NOVEMBER 4, 2004, NOVEMBER 3, 2005, OCTOBER 19, 2006, NOVEMBER 1, 2007, NOVEMBER 6, 2008, NOVEMBER 5, 2009, NOVEMBER 4, 2010, DECEMBER 15, 2011, DECEMBER 20, 2012, DECEMBER 5, 2013, SEPTEMBER 18, 2014, SEPTEMBER 17, 2015 AND SEPTEMBER 15, 2016.

Section 1. Authority and General Purpose

This Ordinance is promulgated pursuant to the statutory authority contained in 70 ILCS 2605/1, et seq., as amended.

The purpose of this Ordinance is to establish an orderly and fair system whereby the operations, maintenance, and replacement costs incurred by the Metropolitan Water Reclamation District of Greater Chicago in treating and disposing of the sewage, industrial wastes, and other wastes generated by each User is charged to that User for his or her use of the sewage collection and treatment facilities of the Metropolitan Water Reclamation District of Greater Chicago, as required by The Federal Water Pollution Control Act Amendments of 1972 and the Clean Water Act of 1977 (33 U.S.C. §§ 1251-1387) and the rules and regulations of the United States Environmental Protection Agency, promulgated pursuant thereto.

Section 2. Definitions

For the purpose of this Ordinance, the following definitions shall apply unless the context specifically indicates otherwise:

“Agent”

A representative of the User who is a third party individual or company retained to perform environmental services for the User. Such an Agent is not an Authorized Representative as defined herein, unless said Agent has express written authority to bind the User.

“Authorized Representative”

The User's owner, corporate officer, designated employee, or legal counsel with full binding authority of the User, by virtue of their position, or an individual with express written authority to bind the User.

“Board of Commissioners”

The Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

“Biochemical Oxygen Demand (BOD)”

The quantity of dissolved oxygen required for biochemical oxidation of decomposable matter under aerobic conditions in a period of five days at a temperature of 20°C.

“Contaminated Stormwater”

Discharges to the District's sanitary sewers from detention basins or containment facilities, which are designed to collect stormwater contaminated by chemicals from tank farms, or used in the process of deicing airport equipment, or as otherwise permitted or allowed by legal agreement between the User or an Authorized Representative as defined herein, and the District. For purposes of this Ordinance, such wastes are considered industrial wastes as defined herein.

“Director”

The Director of the Monitoring and Research Department of the Metropolitan Water Reclamation District of Greater Chicago.

“District”

The Metropolitan Water Reclamation District of Greater Chicago, a unit of local government, organized and existing under, and by virtue of, the laws of the State of Illinois.

“Domestic Wastes”

Water-carried human wastes from sanitary conveniences such as toilets, wash bowls, bathtubs, and residential laundry facilities.

“Executive Director”

The Executive Director of the Metropolitan Water Reclamation District of Greater Chicago.

“Gross User Charge”

The sum of the Total Wastewater Loading Charge as defined in this Ordinance plus the administrative costs recovered through charges applicable to the User as provided in Appendix E of this Ordinance.

“Industrial Wastes”

Any solid, liquid, or gaseous wastes, including cooling water resulting from any industrial, commercial, or manufacturing process, or from the development, recovery, or processing of natural resources.

“Large Commercial-Industrial User”

Any nongovernmental User engaged in commercial or industrial activities which:

- (1) discharges any wastes exceeding any of the following: a flow of 25,000 gallons per day; a BOD loading of 25 pounds per day; or a suspended solids loading of 35 pounds per day, or
- (2) is designated as a Significant Industrial User.

“Local Government User”

Publicly owned facilities used to perform local governmental functions which discharge solely domestic waste. Such functions are limited to administration or legislative activities of a local government, such as police and fire departments, public elementary and public high schools, and municipal office buildings. Publicly owned facilities charging an admission fee, or publicly owned facilities leased to non-public entities are not considered Local Government Users.

“Net User Charge”

The balance owed by a User remaining after deducting the operations, maintenance and replacement portion of the ad valorem taxes paid by that User for the District from the Gross User Charge.

“Operations, Maintenance, and Replacement (OM&R) Costs”

Those funds dedicated by the District to discharge its duty for collection, treatment, and disposal of sewage, industrial wastes, and other wastes.

“Operations, Maintenance, and Replacement (OM&R) Factor”

The ratio of costs incurred by the District for operations, maintenance, and replacement directly related to the collection, treatment, and disposal of industrial wastes, process wastes, domestic wastes, and other wastes to the total tax levy of the District.

“Ordinance”

The User Charge Ordinance as promulgated by the Board of Commissioners of the District.

“Other Wastes”

All decayed wood, sawdust, shavings, bark, lime, refuse, ashes, garbage, offal, oil, tar, chemicals, and all other substances except sewage and industrial wastes.

“Residential User”

The nongovernmental, non-tax-exempt owner of any single-family or multi-family residence.

“Sewage”

Water-carried human wastes or a combination of water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, storm, or other wastes as may be present.

“Significant Industrial User”

Any User which:

- (1) is subject to categorical pretreatment standards, or
- (2) discharges greater than 25,000 gallons per day of process wastewater to the sewerage system, excluding water-carried human wastes from sanitary conveniences such as toilets, wash bowls, bathtubs, showers and residential laundries, noncontact cooling water, boiler blowdown water, and uncontaminated storm water, or
- (3) discharges process wastewater in excess of five percent or more of the average dry weather hydraulic or organic capacity of the receiving water reclamation facilities, or
- (4) is designated by the District as having a reasonable potential for adversely affecting the operations of the water reclamation facilities or for violating any standard or requirement of the District’s Sewage and Waste Control Ordinance.

“Small Nonresidential Commercial-Industrial User”

A nongovernmental User engaged in non-residential activities which discharges any waste not exceeding any of the following: a flow of 25,000 gallons per day,

a BOD loading of 25 pounds per day, or a suspended solids loading of 35 pounds per day; and is not a Significant Industrial User.

“Suspended Solids (SS)”

Solids which either float on the surface of or are in suspension in the waste discharge and which are removable by laboratory filtering.

“Tax-Exempt User”

A User who pays no ad valorem taxes, or receives substantial credits in paying such taxes, including but not limited to: Users exempt from ad valorem taxes; all federal, state, and local units of government; but excluding Local Government Users as defined herein.

“Total Wastewater Loading Charge”

The sum of charges for flow, BOD and SS. These charges are calculated by multiplying the quantities of wastes by the billing rates specified in Appendix F to this Ordinance.

“Unlawful Discharge”

Any discharge of sewage, industrial wastes, or other wastes by any User into the sewers or sewage works of the District, or any sewer connected thereto, wherein such User has not paid to the District its User Charge as provided herein.

“User”

Any person, firm, corporation, partnership, trust, or any other entity which utilizes the services of the District for sewage collection, treatment, and disposal. In instances where certification of submittals, a notification, or a request is required of the User, the term “User” includes the User’s “Authorized Representative” as defined herein.

“User Charge”

The operations, maintenance, and replacement costs incurred by the District to collect, treat, and dispose of the domestic wastes, process wastes, industrial wastes, and other wastes of the User. The User Charge includes the administrative costs for the District’s Sewage and Waste Control Ordinance and User Charge Ordinance. The User Charge of any User shall be directly proportional to its use of the District’s sewage treatment, collection and disposal services when compared to the total operations, maintenance, and replacement costs incurred by the District in providing the same services to all Users in the District’s jurisdiction. A User Charge is a fee, not a tax; therefore, Tax-Exempt Users are not exempt from paying User Charges.

Section 3.

This Section deleted effective January 1, 2013.

Section 4. User Class Determination and Reporting

a. Class Determination

Each User, except a Residential User, shall make an evaluation of its waste discharge in accordance with the requirements of this Ordinance and determine its User classification status on forms supplied by the District. Such User classification determination shall be based on the User's current operation and use of the sewage collection and treatment facilities of the District. Such determination shall be subject to verification by the District.

b. Change in Classification

A User which requires or requests a change in its classification must submit its classification determination forms within 45 calendar days of said change in User classification status.

c. Small Nonresidential Commercial-Industrial Users

A Small Nonresidential Commercial-Industrial User, after the District has verified its User classification status, shall not file any further reports with the District except as specified in Section 4b.

d. Residential Users

Residential Users who pay real estate taxes shall under no circumstances file any reports with the District.

e. Local Government Users

Local Government Users as defined herein are not subject to the payment of User Charges.

f. Tax-Exempt Users

Each Tax-Exempt User shall submit a User Charge Annual Certified Statement, designated as an RD-925 Statement, to the District, as provided herein, on forms supplied by the District, certifying the quantities and concentrations of its sewage, industrial wastes, and other wastes discharged into the sewers and sewage works of the District or into any sewer connected therewith. The quantity of flow and the concentrations reported on the RD-925 Statement shall be for a reporting period of operation during a calendar year and such reports shall be certified by the User and filed with the District on or before February 20 of the following year.

Copies of pertinent corroborative documents, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, water loss determinations, and other documentation requested by the District in writing shall be submitted with the RD-925 Statement. A separate RD-925 Statement must be filed for each facility, business establishment, or industrial plant. The total quantities and concentrations of sewage, industrial wastes, and other wastes to be measured and certified by the User shall be:

- (1) Liquid in gallons (gal)
- (2) 5-day BOD in milligrams per liter (mg/L) and in pounds
- (3) SS in milligrams per liter (mg/L) and in pounds

g. Large Commercial-Industrial Users

Each Large Commercial-Industrial User shall submit an RD-925 Statement to the District, as provided herein, on forms supplied by the District, certifying the quantities and concentrations of its sewage, industrial wastes, and other wastes discharged into the sewers and sewage works of the District or into any sewer connected therewith. The quantity of flow and the concentrations reported on the RD-925 Statements shall be for a reporting period of operation during a calendar year, and such reports shall be certified by the User and filed with the District on or before February 20 of the following year. Copies of pertinent corroborative documents, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, real estate tax bills, water loss determinations, and other documentation requested by the District in writing, shall be submitted with the RD-925 Statement. A separate RD-925 Statement must be filed for each facility, business establishment, or industrial plant. The total quantities and concentrations of sewage, industrial wastes, and other wastes to be measured and certified by the User, shall be:

- (1) Liquid in gallons (gal)
- (2) 5-day BOD in milligrams per liter (mg/L) and in pounds
- (3) SS in milligrams per liter (mg/L) and in pounds

h. District Verification of User Reports

The District shall have the right to inspect or otherwise verify any statement of quantities or other information filed by the User. If the District determines that said statement of quantities or other information does not accurately reflect actual conditions, the District shall adjust the quantities and information according to the District's determinations.

To the extent that this adjustment is reflected in the User Charge bill, the User shall have the right to appeal as set forth in Section 9.

i. User Self-Monitoring Reporting Requirements

A User shall notify the District, in writing, no less than 14 calendar days prior to commencement of its self-monitoring program to allow the District to observe the User's sampling techniques, sample preservation, flow measurements, and other sampling protocols. The written notification shall be made on forms provided by the District, submitted to the District's Pretreatment and Cost Recovery Section by one of the following methods: U.S. mail addressed to the Pretreatment and Cost Recovery Section, P.O. Box 10689, Chicago, IL 60610; facsimile transmission sent to

312-894-2150; or as a PDF sent via electronic mail to mwrducs@mwrducs.org.

The User shall provide the District with split samples of the User-collected samples, provided sufficient volume is available and the District furnishes the sample containers.

A User shall report the results of laboratory analyses and other pertinent information to the District on a current User Charge Certified Sampling Analysis Reporting Statement (RD-920 Report) provided by the District within 45 calendar days of completion of the User's sampling program.

The Director may extend this 45-day period for the submittal of the RD-920 Report upon request of the User and a showing of just cause for the extension. If the User fails to notify the District prior to the sampling or fails to submit the RD-920 Report within the 45-day period or as extended by the Director, the use of the User's data for purposes of User Charge calculation may not be allowed.

RD-920 Report submittals shall be considered "not received" if deficient or incomplete, including for any of the following reasons:

- (1) The RD-920 Report has not been signed and dated by the User.
- (2) The User has failed to enclose all supporting documents necessary to aid in the District's review of the self-monitoring data, including field sample collection logs/notes, chain of custody reports, certified laboratory reports, daily incoming meter readings, daily direct discharge meter readings, and other documentation requested by the District in writing.

j. All Data Reported and Used in User Charge Determination

A User shall report to the District the results of all measurements of flow and analyses of samples collected pursuant to the requirements of this Ordinance for the period/year being reported regardless of whether or not the data so obtained is in addition to the minimum reporting requirements of this Ordinance. A User shall include all flow measurement and sampling results thus obtained in determining its Gross and Net User Charges. If a User considers any self-monitoring data inappropriate for inclusion in calculating its User Charges, the User must submit such data with its RD-920 Report, together with a written report detailing the basis for the User's assessment that such data were not representative for purposes of inclusion when calculating its User Charges. The District will review all data and the User's detailed report to determine whether reported data are representative.

k. Penalty for Filing Deficient or Incomplete Reports

A User may be subject to a penalty of \$1,000.00, as provided under Section 8d of this Ordinance, for filing a deficient or incomplete RD-925 Statement.

A filing shall be deemed deficient or incomplete for any of the following reasons:

- (1) The RD-925 Statement has not been signed by the User.
- (2) The User has failed to remit, with the RD-925 Statement, all monies owed to the District and reported on the RD-925 Statement.
- (3) The User has failed to enclose all underlying documents necessary for the District to verify any representation in the filing, including laboratory reports, water bills, meter readings from municipal and privately owned water meters, direct discharge meter readings, calibration documentation, real estate tax bills, water-to-product determinations, and other documentation requested by the District in writing.

The filing penalty provided under this Section shall be assessed separately from any other penalties assessed against the User under the provisions of this Ordinance. If the User disputes the penalty, the User must notify the Director, in writing, of such dispute within 30 calendar days of receipt of the penalty invoice, together with the reasons why the User disputes the penalty. All disputes regarding filing penalties will be handled in accordance with Section 9(a)(2) through 9(f) of this Ordinance.

When a User, an Authorized Representative of the User, or its Agent knowingly submits false information in any report required under this Ordinance, the District may refer such activity to the Office of the State's Attorney or the United States Attorney for investigation and civil and criminal enforcement action. Any such referral will be made in addition to any appropriate action that the District may take pursuant to this Ordinance, and such referral shall not affect the District's right to pursue relief under this Ordinance.

l. Revised, Resubmitted or Subsequently Refiled RD-925 Statements

Revised, resubmitted or subsequently refiled RD-925 Statements received after the February 20 deadline will supercede the initial submittal and may be considered late submittals, subject to penalty and interest under Sections 8a and 8d, based upon the most recent mail post date.

Users who wish to revise a timely filed and complete RD-925 Statement after the February 20 due date, due to the User's error or omission in calculating the Net User Charge, may be required to do so under the appeal provisions found in Section 9.

Section 5. Measurement of Wastes

a. Standard Methods

Unless otherwise provided, all measurements, tests, sampling, and analyses required hereunder shall be in accordance with the latest edition of **Standard Methods for the Examination of Water and Wastewater**, published jointly by The American Public Health Association, The American Water Works Association, and the Water Environment Federation.

b. Sampling Chamber

In order to provide for accurate sampling and measurement of wastes discharged by the User, each Large Commercial-Industrial User and Tax-Exempt User shall provide, on each of its final outlet sewers, a large control manhole or sampling chamber. The sampling chamber should be located outside or near its plant boundary line where feasible.

The sampling chamber shall be safely and directly accessible to the District at all times. Access to each control manhole or sampling chamber shall not be obstructed by temporary or permanent construction, manufacturing operations or activities, landscaping, parked vehicles or any other activities of the User.

District equipment placed in a sampling chamber for the purpose of determining the quantity and/or strength of the User's sewer discharge, or verification of a User's reports with respect thereto, shall not be moved, tampered with, adjusted, relocated, removed, or otherwise damaged by the User.

c. Right of Access

Representatives of the District may, during reasonable hours of all working shifts of the User, enter upon the premises of each User subject to this Ordinance for the purpose of installing, maintaining and inspecting measurement or sampling devices or equipment; for conducting necessary measuring, gauging and sampling operations; for inspecting or examining facilities, premises, installations and processes; and for inspection and copying of records.

Users shall, when required by the District, pump out vaults where water meters are located to provide safe access to District personnel for the purpose of meter reading and meter verification.

d. Liquid Quantity Measurements

Each sampling chamber wherein flow-proportional sampling is or must be performed pursuant to the requirements of Appendices B, C, and D of this Ordinance shall contain an accurate flow measuring device acceptable to the District.

Users shall repair or replace a primary or secondary flow measuring device, to the satisfaction of the District, if said flow measuring device is damaged, unsound or otherwise unsuitable for accurately measuring the existing flow conditions as determined by the District.

Users shall, when required by the District, install remote reading devices on flow measuring devices (flow meter,

water meter, magnetic meter) so that a User's meter(s) can be verified by District personnel without entering an unsafe or confined space.

e. Sampling

Minimum requirements for determining representative concentrations of BOD and SS shall include evaluation at least once during each calendar year period. The determination of representative concentrations shall be based on composite samples that are representative of the sewage, industrial wastes, or other wastes discharged by a User during normal daily operations. A User which reevaluates its discharge once during the calendar year shall apply the resulting representative concentrations to the entire year.

Reevaluations of discharges by a User when made more than once per calendar year shall be reported and employed in a manner which most reasonably characterizes the User's discharge. The requirements for representative sampling are further defined in Appendix B, Section I.

Users who conduct more frequent (more than 14 consecutive days of sampling) or continuous self-monitoring must submit the RD-920 Report within 45 calendar days of the last day of the month during which the samples were obtained.

Section 6. Billing Rates for Computing the User Charge

The billing rates, the administrative costs recovered through charges, and the OM&R Factor to be used in computing the User Charge are subject to revision. Revisions may be made, not more than once a year, on recommendation of the Executive Director and approval by the Board of Commissioners.

For the purpose of computing the User Charge to be paid to the District by Large Commercial-Industrial Users and Tax-Exempt Users, the billing rates and OM&R Factor found under Appendix F shall be used for reporting the Net User Charge.

Section 7. Calculating, Paying and Billing of User Charges

a. Calculating the Gross and Net User Charge

The Gross User Charge of each Large Commercial-Industrial User and Tax-Exempt User shall be the sum of the Total Wastewater Loading Charge as defined in Section 2 plus the administrative costs recovered through charges applicable to the User as provided in Appendix E. Where applicable, the amount of real estate taxes paid by the User to the District for the particular facility of the User, as evidenced by the most recently fully paid Cook County real estate tax bill, shall be multiplied by the OM&R Factor and the resulting amount will be deducted from the User Charge.

Irrespective of the identity of the person paying the property taxes, where the User is not the owner of record of the real estate parcel(s) upon which the User is located, the User must provide a certification executed by the owner of the parcel, identifying the portion of real estate taxes paid for the parcel to be assigned to the User for User Charge ad valorem tax credit. The assigned real estate taxes must be attributable to the portion of the parcel utilized by the User. The remainder is the Net User Charge which shall be paid by the User to the District simultaneously with the submittal of the RD-925 Statement.

b. Quarterly Payments

The District will send to Users, whose estimated annual Net User Charge exceeds \$12,000.00 for the year, quarterly payment notification. These payments are due and payable 45 days after the date on the invoice. Following the end of the year, such User shall reconcile its actual payments with the calculated Net User Charge as provided in Section 7a when submitting its RD-925 Statement. Additional amounts owed to the District shall be remitted with the RD-925 Statement.

The quarterly payments shall be automatically updated by the District after processing the most recently submitted RD-925 Statement. A User may request revision of its quarterly payments during the year and, if approved, the quarterly payments may be updated by the District based on the most recent data. It is the obligation of the User to pay the quarterly payments unless notified by the District to do otherwise.

c. Billing

The District shall bill any User who is in any manner delinquent in the performance of its obligations under this Ordinance. The billing frequency shall not be more than once per month nor less than once per year. All such bills shall be due and payable 45 days after the date on the invoice. In the absence of a timely filing, the District reserves the right to bill delinquent Users based on estimated quantities or best available data as determined by the District.

d. Interest

Interest at the rate of 0.75% per month or for any fraction thereof shall be added to any overdue payments as provided in 815 Illinois Compiled Statutes 205/4. Such interest shall accrue from the date any remittance was due until same is paid. Interest shall not be charged upon previously assessed and unpaid interest.

e. Verification of Remitted Amounts – Additional Bills

- (1) The District shall verify any and all data and RD-925 Statements submitted to it by a User pursuant to this Ordinance, evaluate its own data, call for more data, or develop additional

data as it deems necessary, and subsequently bill the User for any deficiency indicated as due thereafter. The transmittal of any bill to a User shall not stop the District from rebilling for any deficiency determined to exist due to any subsequent reevaluation of User or District data.

- (2) The District reserves the right to bill Users subject to this Ordinance for past wastewater treatment services provided. Such billing will commence from the date the District identifies such Users by notification, inspection or certified mailing regarding requirements of this Ordinance.
- (3) Requests to revise or otherwise modify an RD-925 Statement that has previously been certified as correct by the User and received by the District, may be subject to the provisions of Section 9a of this Ordinance.

f. Tax-Exempt Users' Reporting Option for Automatic Annual Billing

A Tax-Exempt User whose sewer discharges do not exceed:

- (1) A flow of 25,000 gallons per day; and
- (2) A BOD of 25 pounds per day; and
- (3) A SS of 35 pounds per day

may petition the Director, in writing, to report and pay its User Charges annually on the basis of District-approved estimates for flow or annual consumption based on water bills or water meter readings, if available, BOD concentrations of 119 mg/L and SS concentrations of 168 mg/L.

Should the petition be granted under this option, the District will bill the User annually for the User Charge due. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7f, and will be subject to annual reporting on the RD-925 as required.

Should the Director deny this petition, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Tax Exempt Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

g. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the Use of Standard Domestic Waste Strength Concentrations

Notwithstanding sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges do not exceed:

- (1) A BOD concentration of 119 mg/L and
- (2) An SS concentration of 168 mg/L,

may petition the Director, in writing, to report and pay its User Charges on the basis of documented intake water volumes or metered discharge volumes, BOD concentrations of 119 mg/L, and SS concentrations of 168 mg/L. Such petitions may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Requirements and conditions are outlined in Appendix D of the Ordinance.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

h. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the District's Determination of Representative Concentrations

In lieu of the sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges exceed:

- (1) A BOD concentration of 119 mg/L and/or
- (2) An SS concentration of 168 mg/L

after approval by the District, may elect to forgo the annual sampling requirements by allowing the District to sample the facility's discharge outlets and determine the User's representative concentrations. Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7h and conduct the required self-monitoring annually. Requirements and conditions are outlined in Appendix D of the Ordinance.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

i. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for the District's Determination of Historically Representative Concentrations

In lieu of the sampling requirements specified in Section 5e, any Large Commercial-Industrial or Tax-Exempt User whose sewer discharges have exhibited uniform concentrations of BOD and SS for three consecutive representative years, as verified by the District, may elect, upon approval of the Director, to forgo the annual sampling requirement by allowing the District to

determine its representative concentrations based on historical data. Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7i and conduct the required self-monitoring annually.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and/or concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

j. Adequate Measurement Facilities Option

A User presently without adequate individual facilities (sampling chamber, metering of intake water or metering of discharge volumes, if required) for the measurement of wastes as required in Section 5, must request approval of reasonable estimates of concentrations of BOD and SS during the period of construction of such facilities, until such time as adequate facilities for measurement are installed. This reporting option will be granted for a period of no more than one year from the initial request provided that the following requirements are met:

- (1) The User proposes estimated wastewater concentrations for each discharge to the District for approval prior to the reporting year;
- (2) The Director approves the estimated concentrations for the requested reporting year and notifies the User in writing with a schedule for progress reports and a final date for implementation of the measurement facilities;
- (3) The volume of flow used for reporting quantities is based on measured intake water consumed by the User, or a previously approved methodology for flow measurement;
- (4) The estimated concentrations are used throughout the year;
- (5) A date approved by the Director for the completion of the measurement and sampling facilities, as required in Section 5, is given;
- (6) A sampling program, as described in Section 5, is instituted upon completion of the measurement and sampling facilities. The results of this sampling program are to be used to calculate the Gross and Net User Charge liability during the period covered by the approval;
- (7) The User pays the District the additional User Charge within 90 calendar days of the

measurement and sampling facilities completion date, if the results of the sampling program (as mentioned in the foregoing subsection 6) indicate that the User Charge liability of the company is greater than the amount estimated during the election filing period. If the results of the sampling program indicate that the User's User Charge liability is less than the amount estimated during the election filing period, the District will credit the overcharge to the company's future User Charge liability; and

- (8) The User pays interest to be assessed by the District as described in Section 7d of this Ordinance, if the User fails to pay the additional User Charge liability, as set forth in the foregoing subsection (7), within the 90 day period.

k. Residential, Local Government and Small Nonresidential Commercial-Industrial Users

Users in these classifications shall under no circumstances be billed by the District nor be liable to pay User Charges, nor be subject to the annual reporting requirements as described herein.

l. Large Commercial-Industrial and Tax-Exempt Users' Reporting Option for Automatic Annual Billing and Historical or Standard Concentrations

Any Large Commercial-Industrial or Tax-Exempt User that has been approved to report under Section 7g or Section 7i of this Ordinance may request to be automatically billed and pay its User Charge liability annually on the basis of District-approved estimates for flow or annual consumption, and the standard BOD and SS concentrations as defined in Section 7g or the User's approved historical BOD and SS concentrations as defined in Section 7i. The User must demonstrate a consistent historical annual discharge volume over the most recent five-year period, subject to verification by the District.

Such requests must be made in writing to the Director. These requests may be granted or denied upon such reasonable terms and conditions as may be determined by the Director. Once approved, a User may petition the Director, in writing, to request withdrawal from reporting under Section 7l and will be subject to annual reporting on the RD-925 as required.

Should the Director deny this request, the User shall have the right to appeal this denial to the Board of Commissioners as set forth in Section 9.

Alternatively, the Director may select and approve use of this option for Users based upon either the User's data and/or District data for discharge quantities and concentrations. The Director will not invoke this option if the User objects thereto within 30 calendar days of notification.

Section 8. Penalties

a. Failure to Submit Certified Statement

Should any User subject to the Ordinance fail to file its RD-925 Statement as required herein, the District will estimate the amount owed to the District and bill the User for such delinquent amount owed, together with interest and penalties as provided herein. Said bill shall be paid by the User within 45 calendar days after the date on the invoice.

The penalty for failing to file the RD-925 Statement by the due date shall be at a rate of two and one-half percent (2.5%) per month or for any fraction of a month thereof, of such unpaid amounts billed by the District. Such penalty shall accrue on the amounts owed from the date any remittance was due until paid, or the date of filing. In addition to such penalty, interest shall also be assessed as provided under Section 7d, except that no interest shall accrue on any unpaid penalty.

b. Failure to Perform or Report User Data

In the event a User fails to perform and/or report its annual evaluation for representative concentrations as required by Section 5e, the District may assess a penalty against the User of \$2,000.00 per day for each sewage outfall that the District samples and performs chemical analyses on the effluents obtained therefrom in order to complete the annual RD-925 Statement, due to such failure to perform or report such data by a User. This penalty shall be in addition to all other penalties and administrative costs imposed by this Ordinance.

c. Failure to Timely Submit Classification Statement

In the event a User fails to file the User Charge Facility Classification Questionnaire, as required under Section 4a and 4b, within 45 calendar days after written demand through a certified mailing, the District may assess a penalty against the User of \$200.00 per day for the time required by the District to complete the required filing for the delinquent User. This penalty is in addition to inspection and sampling charges found under Appendix E, which may be required to determine the User's classification.

d. Submittal of Deficient or Incomplete Statements Even If Timely Filed

In the event a User files a deficient or incomplete RD-925 Statement, as defined in Section 4(k) of this Ordinance, the District may assess a penalty against the User of \$1,000.00, and such forms shall be considered "not submitted" for purposes of this Section, until the deficiencies have been resolved to the satisfaction of the District.

e. Penalty Conditions

The filing penalty provided under this Section 8 shall be assessed against the User separately from any other penalties assessed against the User under the provisions of this Ordinance. If the User disputes a penalty, the User must notify the Director, in writing, of such dispute within 30 calendar days of receipt of the

penalty invoice, together with evidence or reasons why the User disputes the penalty. All disputes regarding filing penalties will be handled in accordance with Section 9a(2) through 9(f) of this Ordinance.

No interest shall accrue on the amount of any penalty imposed hereunder.

Penalties assessed against a User in an amount not to exceed \$10,000 will be neither prorated nor abated except by order of the Executive Director upon the recommendation of the Director of Monitoring and Research, Director of Finance or General Counsel, for good cause shown. Penalties assessed against a User in an amount in excess of \$10,000 will be neither prorated nor abated except by order of the Board of Commissioners, upon the recommendation of the Executive Director, for good cause shown.

A determination made by the Executive Director or Board of Commissioners relative to proration or abatement of penalties is final and is not subject to the administrative appeal process as set forth in Sections 9a and 9b.

Section 9. User Administrative Appeal Process

Any User subject to this Ordinance, or an Authorized Representative, shall have a right to appeal the amount billed, its User classification, or other matters related thereto as determined by the District. The two levels of the User Administrative Appeal Process include the Director of Monitoring and Research and the Board of Commissioners, which are outlined in this Section.

a. Appeals to the Director of Monitoring and Research

(1) Requesting an Appeal to the Director

- (a) All appeals shall be by written request, specifying the reason(s) for the appeal, to the Director within 90 calendar days of the date of the User Charge bill, or notification by the District regarding the User classification, or any other related matter.
- (b) In the event the request for an appeal is not made within 90 calendar days, as specified above, but is made within 120 calendar days of the User Charge related action, the District will waive the 90 calendar day requirement, provided the User first pays an amount, which when added to the amount already paid, makes the total payment made equivalent to 50% of the Net User Charge calculated by the District as a deposit toward the Director's eventual determination of the amount owed. Should the appeal process conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.
- (c) No request for an appeal will be accepted if it is made beyond 120 calendar days of the

issuance of a User Charge-related action as described in Section 9.

(2) Director Appeal Meeting and Determination

- (a) The Director or his appointed designee will respond in writing to a request for an appeal within 45 calendar days of the receipt of a request from the User and shall schedule an appeal meeting in the letter responding to this request. The User may, prior to the original scheduled meeting date, request one rescheduling of the appeal meeting. The rescheduled appeal meeting must occur not later than 30 calendar days after the date of the originally scheduled Director Appeal meeting.
- (b) When a meeting is scheduled by the Director, the User must submit all data pertinent to the appeal which must include all sampling data taken by or for the User during the year or years under appeal and all data during any prior or subsequent year, on which the User wishes to base the appeal. This data must be submitted to the Director at least 14 calendar days prior to the scheduled appeal meeting.
- (c) Failure of the User to provide, on or before the date of the meeting, written, unqualified certification on forms supplied by the District that he/she has provided all relevant technical information, flow data or User Charge sampling data for all samples taken for the year(s) under appeal, shall result in rejection of the appeal by the Director.
- (d) The Director or his appointed designee shall attempt to resolve any bona fide claims, disputes, or inquiries which the User may have based on factual or technical information. All determinations made by the Director shall be reduced to a written determination and a copy thereof transmitted to the User. The Director will use his best efforts to transmit these determinations to the User within 60 calendar days of the appeal meeting.
- (e) Should the User fail to appear at a scheduled Director Appeal meeting without first notifying the Director, another appeal meeting will not be scheduled unless the User requests such a meeting, in writing, to the Director, not later than 10 calendar days after the date of the scheduled Director Appeal meeting, and the User makes a 50 percent payment of the amount billed by the District as set forth in Section 9a(1)(b). A second Director Appeal meeting may be granted at the discretion of the Director upon a finding of good cause as to why the initial Director Appeal meeting was missed. The rescheduled appeal meeting must occur not later than 30 calendar days

after the date of the originally scheduled Director Appeal meeting.

- (f) If a properly filed request for a second Director Appeal meeting under this Section is denied by the Director, the User may file an appeal to the Board of Commissioners for the sole purpose of determining the propriety of the Director's denial. If the Board of Commissioners grants the User's appeal request, then the matter shall be remanded for a Director Appeal under the provisions of this Section.
- (g) Failure of the User to appear for a second scheduled appeal meeting will result in cancellation of the appeal and the matter will be considered closed.

b. Appeals to Board of Commissioners

(1) Requesting an Appeal to the Board of Commissioners

In the event the User does not concur with the appeal determination of the Director, the User, or an Authorized Representative, may petition the Board of Commissioners for a hearing. Any petition for a hearing by the Board of Commissioners shall be made by the User within 30 calendar days after receipt of the determination by the Director.

- (a) This petition must be in writing by the User and sent to the President of the Board of Commissioners, at 100 East Erie Street, Chicago, Illinois 60611, with a copy to the Director. Within 30 calendar days after receipt of this petition, the Director will use his best efforts to advise the User in writing, regarding the date on which the Board of Commissioners would consider the petition made by the User. If the petition to the Board of Commissioners is regarding a User Charge bill, the User shall deposit an amount which when added to the amount already paid, makes the total amount paid equivalent to 75 percent of the Net User Charge calculated by the District as a result of the Director's determination. Should the hearing conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.
- (b) In the event the request for review by the Board of Commissioners is not made within 30 calendar days after receipt of the determination by the Director, the District shall invoke its authority, as granted in Section 11 of this Ordinance, and recover any and all amounts due and owing. However, the District may waive the 30 day requirement, provided the request is made by the User within 90

calendar days after receipt of the determination by the Director and provided the User first deposits an amount which, when added to the amount already paid, makes the total amount paid equivalent to 85 percent of the net User Charge calculated by the District as a result of the Director's determination. Should the hearing conclude with an amount less than the deposit paid by the User, the difference shall be refunded to the User, provided there are no outstanding User Charges due the District.

- (c) No request by the User for review of the Director's determination will be accepted by the Board of Commissioners if such a request is made beyond 90 calendar days after the receipt of the determination by the Director.
- (2) The Board of Commissioners shall review this petition and determine whether the petition for an appeal shall be heard by the Board of Commissioners itself or by such persons as it may designate. Within 30 calendar days after the meeting, the Director will use his best efforts to notify the User in writing as to the action taken by the Board of Commissioners regarding said petition.
- (3) When such an appeal hearing is conducted by the designee of the Board of Commissioners, the designated appeal officer shall submit a written report of findings to the Board of Commissioners with respect to such appeal.
- (4) The scope of the hearing shall be limited to the issues raised by the User in its appeal to the Director. No sampling data or technical information which the User did not submit to the Director under Section 9(a)(2)(b) shall be utilized for any purpose in a hearing before the Board of Commissioners.
- (5) All appeal hearings before the Board of Commissioners shall be concluded as soon as practicable.
- (6) The Board of Commissioners shall promulgate procedural rules governing the proceedings.
- c. Refund of Deposits
In making refunds of deposits, or any portion of a deposit, interest shall be paid for the time the deposit or portion thereof is held by the District at a rate equal to 0.75% per month or for any fraction thereof as provided in 815 Illinois Compiled Statutes 205/4.
- d. Bond in Lieu of Cash Deposits for Appeals
Whenever a cash deposit is required to pursue an appeal to the Director or the Board of Commissioners, a User may elect to post a bond for the amount due in lieu of a cash deposit to perfect the appeal. The bond must be issued by a commercial bonding company approved by the District on terms that are acceptable to the District.

- e. **Accrual of Interest During Appeal**
Any monies owed to the District for the reporting year under appeal will accrue interest during the appeal process as provided under Section 8.
- f. **Administrative Review**
The Administrative Review Law of the State of Illinois, and the rules adopted under such law, shall govern all proceedings for judicial review of final orders of the Board of Commissioners issued under this Section.

Section 10. Administrative Cost Recovery

Annually, for the most recent year for which complete records are available, the District makes a determination of its costs in administering the Sewage and Waste Control Ordinance (SWCO) and the User Charge Ordinance for the Large Commercial-Industrial User classification, the Small Nonresidential Commercial-Industrial User classification, the Residential User classification and the Tax-Exempt User classification, and includes these administrative costs as part of the User Charge.

The cost for administering the minimum pretreatment requirements (MPR) of the SWCO shall be segregated from the OM&R costs and recovered from the Significant Industrial Users (SIU). Users will be subject to MPR costs for a calendar year if at any time during the calendar year the User was designated as an SIU. MPR costs are for activities which include, but are not limited to the following: review and processing of Discharge Authorization Requests (RD-118), Continued Compliance Reports (RD-115) and Spill Prevention, Control and Countermeasure (SPCC) Plans; annual SIU inspection and review and annual SIU sampling, laboratory analysis and review; preparation of IEPA/USEPA Pretreatment Program reports; maintenance and quality assurance of electronic and hard copy files; search and identification of new SIUs; and annual evaluation of local limits for the discharge of pollutants. The MPR cost shall be recovered through a series of charges based on the flow volume of SIUs. The series of charges shall reflect the grouping of SIUs by ranges in flow volume and are set forth in Appendix E.

The cost for administering the User Charge Verification (UCV) requirements under this Ordinance shall be included in the OM&R cost. UCV costs are for activities which include, but are not limited to the following: review, evaluation and processing of RD-925 Statements and RD-920 Reports; UCV inspection, sampling, laboratory analysis and review; review, inspection and evaluation of technical proposals for reporting methodologies; preparation of User Charge reports, correspondence and notifications; maintenance and quality assurance of electronic and hard copy files; search and identification of new Users subject to the Ordinance; and the evaluation of User Charge rates and administrative costs.

Section 11. Enforcement

The District may recover any and all amounts due and owing as provided herein and take such other and further legal action as may be necessary to recover all such sums due it hereunder, restrain any unlawful discharge, and compel compliance with the provisions of this Ordinance.

Users who have ceased operations prior to the close of the filing year are required to calculate an estimated User Charge liability for the portion of the year or period of operation and submit payment. The District reserves the right to calculate the User Charge liability and bill the User for any amounts due during the year in which the liability was incurred.

Section 12. Severability Clause

The invalidity of any portion of this Ordinance shall in no way affect the validity of any other portion thereof which can be given effect without such invalid part. Any portion repealed or adjudged invalid or unconstitutional is severable from the remaining provisions and said remaining provisions shall continue in full force and effect.

Section 13. Effective Date

This Ordinance remains in full force and effect and the amendments hereto adopted on September 17~~5~~⁶, 2015~~6~~⁷, shall be effective on January 1, 2016~~7~~⁷.

Approved:

MARIYANA T. SPYROPOULOS,
President
Board of Commissioners of the
Metropolitan Water Reclamation
District of Greater Chicago

Approved as to Form and Legality:

LISA LUHRS DRAPER
Head Assistant Attorney

RONALD M. HILL
General Counsel

APPENDIX A TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR REPORTING FLOW VOLUME AND ESTABLISHING DEDUCTIBLE QUANTITIES

SECTION I. REPORTING WASTEWATER FLOW VOLUME

Wastewater flow volume shall be reported in accordance with either Option 1 or 2. Whenever the wastewater flow volume discharged into the District's sewerage system cannot be accurately quantified solely by means of total metered water usage, the User shall report on the basis of direct discharge measurement. In the absence of accurate direct discharge measurement as described herein, the User may be required to report the maximum daily discharge as determined by the District until a means of accurate measurement is provided by the User.

Option 1. Reporting of Wastewater Flow Based on Total Metered Water Usage

Reporting of wastewater flow based on total metered water usage will be allowed as follows:

- a. Use of municipally owned meters for water billing purposes: Users must submit copies of water bills with the RD-925 Statement to document the reported flow volume.
- b. Use of privately owned water meters for wells, river water, or other water sources or purposes: Water meters must have nonresettable totalizers. Meters must also be calibrated according to the following schedule:

Meter Size (inches)	Frequency of Calibration (Years)
½ to ¾	10
¾ to 1	6
1½ to 4	4
6 or larger	1

- c. Calibration requirements: Users must submit details of the calibration procedure, including the meter reading prior to the calibration date, and certification with the RD-925 Statement for the year in which calibration was performed. Meter calibration and certification documents for newly installed meters, whether new or repurposed, must be submitted.

Calibration procedures must conform to the methods recommended by the American Water Works Association (AWWA) and the American Society for Testing of Materials (ASTM). Where a User can demonstrate to the satisfaction of the District that the requirement for calibration of water meters cannot be reasonably complied with, without undue economic burden and/or disruption to the User's operations, the Director may relax the meter calibration requirements established under this Section. Any such relaxation in calibration requirements shall not apply to incoming

water meters or to meters installed for direct discharge measurement.

- d. Privately owned meters must be read a minimum of once per week; a log of such readings, including the proper units, must be submitted with the RD-925 Statement.
- e. Privately owned meters must be sealed with District seals. Requirements regarding these seals are in Section II.
- f. Bypasses around privately owned meters are not allowed unless additional meters are installed and approved to monitor bypass flows.
- g. Use of privately owned water meters must receive prior written approval as described in Section III.

Option 2. Reporting of Wastewater Flow Based on Direct Discharge Measurement

Reporting of wastewater flow based on direct discharge measurement will be allowed as follows:

- a. Wastewater flow measurement must be continuous.
- b. Each wastewater flow measurement device shall be provided with a secure nonresettable totalizer acceptable to the District and with a record of continuous flow data acceptable to the District. The record of continuous flow data must be stored at the User's facility for not less than three years, and must be made available to the District upon demand. Totalizers must be read a minimum of once per week; a log of such readings, including the appropriate conversion factors, must be submitted with the RD-925 Statement.
- c. Flow measurement devices (e.g., bubbler-type, float-type, or ultrasonic-type) must be calibrated monthly. At least annually, the accuracy of the device must also be certified by a factory-authorized representative. Documentation of this certification must be submitted with the RD-925 Statement.
- d. Flow measurement systems and facilities and procedures for flow determination must receive the prior written approval of the Director before implementation as described in Section III.

SECTION II. ESTABLISHING DEDUCTIBLE QUANTITIES BY DIRECT METERING

Users reporting on the basis of total metered water usage (Section I, Option 1) may deduct water-to-product and/or water used in other plant processes that is not discharged as wastewater flow to the sewer system. These deductions will be allowed only after receipt of prior written approval. Prior written approval shall be based on water meters installed to measure deducted quantities and other credible evidence as required by the District. Reporting and calibration of these meters (e.g., boiler supply and blowdown meters, water-to-product meters, irrigation supply meters, etc.) to measure deducted quantities must adhere to the requirements of Section I, Option 1b, and the following:

- a. Meters must be sealed with District seals. The District must be notified at least one week before the start-up date of the proposed meters in order for District seals to be installed on these meters.
- b. When a seal is to be removed for calibration or meter repair, the District must be notified immediately by calling the Pretreatment and Cost Recovery Section at (312) 751-3000 during normal business hours. Such notification shall be confirmed in writing by the User and received by the District within five calendar days by one of the following methods: U.S. mail addressed to the Pretreatment and Cost Recovery Section, 111 East Erie Street, Chicago, IL, 60611; facsimile transmission sent to the Pretreatment and Cost Recovery Section at (312) 894-2150; or by electronic mail sent to mwrd-ucts@mwrd.org.
- c. Upon notification, District personnel will provide the User with a new seal within five working days. Removal of a District seal without providing the foregoing notification may result in a loss of credit for deducted water volumes for the entire year in which the failure of compliance occurred.

SECTION III. APPROVAL PROCEDURE AND REQUIRED SUBMITTALS

In reference to Section I, Options 1b and 2d, and Section II, use of the metering system and/or methodology outlined will be allowed only after receipt of prior written approval by the Director. This approval will be effective for the year stated in the approval and subsequent years, or until the approval is revoked by the Director. The approval will also be effective for a maximum of two prior years immediately preceding the approval if those years were already under appeal at the time of the approval process, and provided operations at the User's facility in these two preceding years remained identical to those of the year when approval is granted.

To obtain approval, the User must submit an acceptable written proposal to the Director which specifies the measures which will be taken to comply with these requirements. The proposal must be signed by the authorized representative of the User, and certified as accurate and complete by a Registered Professional Engineer licensed by the state of Illinois. Proposals should include the following information as appropriate:

- a. Description of the methodology for total metered water usage, direct wastewater flow measurement or measurement of deductible quantities, water-to-product, or other water losses.
- b. Plans for wastewater measurement and/or sampling facilities which include a site plan showing the location of municipal water supply lines and private wells and other water sources such as rivers, lakes, and ponds; discharge points to water sources; layout of sewers and sampling locations; details of primary measuring devices; a system for identifying sampling locations; onsite

wastewater treatment facilities; and any other information affecting the measurement and sampling of wastewater discharges.

- c. Specifications for wastewater flow measurement equipment.
- d. Locations, manufacturer, model, serial number, and size, if appropriate, for all water meters and flow measurement equipment.

Once a proposal is found acceptable, the User will be notified to proceed with the installation of the metering equipment as stated in the proposal. It is incumbent upon the User to notify the District, in a timely manner, upon completion of the installed equipment. The District will inspect the installed metering equipment for conformity with the proposal and will notify the User in writing of approval to use the methodology when reporting its User Charge liability. Until the approval of the installation is granted, the User must use metered intake or a current, approved metering methodology when reporting its User Charge liability, unless otherwise approved by the District. The User must notify the Pretreatment and Cost Recovery Section immediately upon finding that the approved meters are either no longer being used, broken, or removed.

APPENDIX B TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR WASTEWATER SAMPLING TO DETERMINE REPRESENTATIVE CONCENTRATIONS

SECTION I. Representative Sampling

Sampling of a facility's wastewater flow(s) must be performed at a time, or at times, such that the resulting BOD and SS concentrations obtained are representative or typical of normal operating conditions either throughout the calendar year or for that portion of the year for which concentrations are applied. Sampling during periods of reduced production (e.g., vacation periods, holiday periods, postholiday periods, plant start-up or shake-down operations, etc.) or any other periods that affect the normal character of the User's effluent is not considered representative of normal operating conditions.

Daily composite samples are used to determine the representative concentrations for BOD and SS during the workday. Composite samples may be collected by one of the following methods:

Time Composite Sampling is used to provide representative samples when the flow rate of the sampled stream is relatively constant. Time composite samples are composed of constant volume discrete samples collected at constant time intervals.

Flow-Proportional Sampling is used to provide representative samples when the flow rate of the sampled stream varies by more than ten percent over the workday. The primary measuring device used for flow-proportional sampling for User Charge reporting purposes must receive prior written approval by the Director. Temporary primary measuring devices are not permitted.

Variable Volume Flow-Proportional Sampling is used to provide representative samples when the time between samples is constant, and the volume of each sample is proportional to the flow at that given moment in time (i.e., the volume of the sample varies over time as the flow changes). This method requires that discrete samples be collected over the operating day and then composited.

Constant Volume Flow-Proportional Sampling involves collecting a constant sample volume for each fixed volume of waste stream flow (e.g., 200 ml sample collected for every 5,000 gallons of waste stream flow).

SECTION II. Sample Collection

A. General Sampling Methodology

Users whose wastewater discharge throughout a calendar year is consistent in volume and concentration are required to sample based on wastewater discharge volume and/or characteristics as follows:

1. Users discharging an average wastewater volume of more than 200,000 gallons per day (gpd) must comply with the following requirements:
 - a. Such Users must sample said outfalls in proportion to flow during normal daily operations for one normal work-week at least once per calendar year. Users may use either of two methods referenced in Section I above for obtaining flow-proportional samples.
 - b. Such Users must provide a primary flow-measurement device (i.e., accurate weir or flume) on each outfall for which flow-proportional sampling is required.
2. Users discharging an average wastewater volume less than 200,000 gpd must sample during normal daily operations for two consecutive, normal workdays at least once per calendar year. These Users may use the time composite sampling method referenced in Section I above, provided the flow rate is relatively constant, and the wastewater discharged throughout a calendar year is consistent in volume and concentration.
3. Each User's sampling installation(s) and program(s) are subject to District verification. The District may impose additional requirements on a case-by-case basis.

B. Sampling Requirement for Users with Wide Fluctuations in Quantity and/or Concentration of Wastes

Users whose discharge flow and/or BOD and SS concentrations are subject to wide fluctuations during a calendar year due to seasonal or cyclical operational variations are required to sample as often as is necessary to establish representative data for its waste streams for specific time periods. The frequency of sampling may be increased and/or the duration of sampling may be extended, but each sampling program must adhere to the methodology and the minimum consecutive day requirements. Random day sampling during a calendar year is not acceptable for reporting purposes.

Any change in a User's sampling methodology shall be approved by the District. The User shall demonstrate, to the District's satisfaction, by a written proposal and adequate documentation, that the change in sampling methodology is proper to obtain representative concentrations. Any combination of the forgoing sampling methodologies may be imposed by the District to establish representative concentrations for a User's discharge.

C. Sampling of Multiple Outfalls

Users whose wastewater discharges through more than one outfall of a facility must sample all outfalls simultaneously during each sampling program.

D. Automatic Sampling Devices

Users may utilize automatic sampling equipment for performing sampling requirements. These devices must be properly installed, adjusted, and maintained, have refrigeration capability, and comply with **Standard**

Methods for the Examination of Water and Wastewater (Standard Methods), published jointly by the American Public Health Association (APHA), American Water Works Association (AWWA), and Water Environment Federation (WEF). (See Sections III and IV.) Refrigeration must be used, when required, to maintain the temperature of the sample as specified in Section III.

E. Use of Standard Concentrations for Sanitary Waste and/or Non-Contact Cooling Water

Users with multiple outfalls who have one or more outfalls which discharge strictly domestic wastes and/or noncontact cooling water may elect to sample such discharge(s) on a onetime-only, two-day, time-composite basis (Sections II.A.2) to characterize such discharge(s). If analyses indicate that BOD and SS concentrations are less than standard domestic waste concentrations of 119 mg/L for BOD and 168 mg/L for SS, then these outfalls need not be sampled again and standard concentrations of 119 mg/L for BOD and 168 mg/L for SS may be used for subsequent reporting purposes, unless operational changes affect the nature of the representative discharges. However, the volume of domestic wastes and/or non-contact cooling water wastes must be determined by measurement at the outfalls or by in-plant installation of water meters. Alternatively, a User may elect to sample these outfalls during each sampling program.

SECTION III. Preservation and Compositing of Samples

Individual samples obtained by the methodology of either Section II.A.1 or II.A.2 or by automatic sampling devices must be kept at or below 40°F, but above freezing, during collection and compositing. Individual samples must be composited daily (compositing period must not be less than 22 hours or more than 26 hours). Composite samples should be refrigerated in transit to the laboratory and analysis should begin within six hours of compositing.

SECTION IV. Analyses of Samples

All analyses for BOD and SS must be in accordance with the latest edition of Standard Methods. Special attention to the procedures stipulated for the BOD analysis is stressed, specifically relative to the seeding of samples and to the technique of preparing an adequate number of dilutions. (Note: Upon written request to the Director, seed material may be obtained free of charge at the District's Monitoring and Research Laboratory in Stickney, Illinois.)

SECTION V. Independent Sampling

The User Charge system is a self-reporting one; therefore, unless otherwise approved by the Director, the User must conduct flow measurement and/or sampling of the facility independently of the District in accordance with the notification requirements under Section 4i and the sampling requirements under Section 5e of this Ordinance. The District may provide the User with split samples, upon the User's request, provided sufficient sample volume is available and the User furnishes sample containers.

However, the District shall not allow the use of analytical results of these split samples in the computation of User Charges.

If a User is precluded from conducting independent sampling of its discharge because access to the User's control manhole or sampling chamber is prevented by the presence of the District's monitoring equipment, the User may make a request for, and obtain splits of District samples and, following proper chain of custody procedures, analyze these samples, and use the data for the purpose of completing and submitting the RD-925 Statement required under Section 4 of this Ordinance. However, in such cases, the User shall obtain prior written permission from the District.

SECTION VI. Calculation of Representative BOD and SS Concentrations

Users must calculate the representative BOD and SS concentrations that are to be used for reporting purposes either by performing flow-proportional sampling or by performing equal-volume, time-composite sampling as required herein. Users must submit the daily flows (intake and/or discharge volumes) corresponding to the BOD and SS analyses for each day of the sampling period with the RD-920 Report. Irrespective of whether a User performs flow-proportional sampling or equal-volume, time-composite sampling, the average BOD and SS concentrations, for the period of sampling, must be computed by weighted average using the representative concentrations and the corresponding daily flows. Arithmetic averaging of daily BOD and SS concentrations obtained during the sampling period is not permissible for reporting purposes. Users must submit this data in the RD-920 Report.

SECTION VII. Application of BOD and SS Concentrations for Multiple Samplings Per Calendar Year

Users conducting sampling more frequently than the minimum requirement of once per calendar year must apply BOD and SS concentrations to discharge volumes for the specific time frames (e.g., two months, six months, etc.) for which the wastewater concentrations are considered representative. The User's methodology for applying sampling data must be identified in the User's sampling proposal and approved by the District.

APPENDIX C TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR REPORTING WASTEWATER DISTRIBUTION ACROSS MULTIPLE OUTFALLS

SECTION I. MONITORING OPTIONS

A User with multiple outfalls from its facilities or contiguous complexes may report the wastewater flow volume distributed through each outfall individually on the RD-925 Statement, provided the quantity of wastewater is determined by continuous measurement of each outfall. Continuous measurement of discharge flows will be allowed by either Option 1 or Option 2 (below), and in accordance with the Ordinance and Appendices A and B, thereto.

Option 1. Use of Water Meters for Continuous Measurement

Municipal or privately owned water meters that continuously measure intake water to a facility or building may be used for documenting the discharge volume from the facility or building subject to the following conditions and requirements, as applicable:

- a. The facility or building has a single outfall.
- b. Privately owned water meters are approved and sealed by the District as per applicable portions of Appendix A. Procedural provisions of Appendix A must be implemented.

Option 2. Use of Direct Discharge Flow Measurement Devices

Wastewater discharged through any outfall may be measured continuously with a flow measurement device and the quantity reported accordingly, subject to the following conditions and/or requirements:

- a. The outfall contains an accurate primary flow measurement device (e.g., weir or flume) located in an adequate sampling chamber or manhole which has been approved by the District.
- b. The flow measurement system has been approved by the District, and the applicable procedural provisions of Appendix A are implemented.

SECTION II. ALTERNATE REPORTING

In accordance with Section I of this Appendix, a User with multiple outfalls, who does not have a flow-distribution methodology approved by the District, must report on the basis of total metered water intake to its facilities (minus any in-plant water losses approved by the District) and apply the highest values of the BOD and SS concentrations obtained by sampling each of its outfalls to that volume of water, unless otherwise warranted.

APPENDIX D TO THE USER CHARGE ORDINANCE

REQUIREMENTS FOR LARGE COMMERCIAL- INDUSTRIAL AND TAX-EXEMPT USERS' REPORTING OPTIONS AND DETERMINATION OF REPRESENTATIVE CONCENTRATIONS

Sections 7g, 7h and 7i of the Ordinance provide a User with options to report and pay its User Charge on the basis of application of approved wastewater concentrations to the documented intake water volumes or metered discharge volumes. These options relieve the User from performing annual sampling of wastewater flows to determine representative concentrations for BOD and SS. This Appendix is intended to clarify requirements and conditions of the District which govern the implementation of the provisions of Sections 7g, 7h and 7i of the Ordinance.

SECTION I. USER REPORTING OPTION REGARDING REPRESENTATIVE CONCENTRATIONS

A. Use of Standard Concentrations

A User seeking approval to report under Section 7g of the Ordinance must sample wastewater discharges from all of its outfalls, or provide relevant data from prior years which characterize such discharges. If such analyses indicate that BOD and SS concentrations at all of its outfalls are less than the standard domestic waste concentrations of 119 mg/L for BOD and 168 mg/L for SS, then the User may petition the Director for approval to report based on standard concentrations.

Future sampling will not be required unless directed by the District or until operational changes occur that affect the nature of the wastewater discharges. The User must report any changes in the character of its discharge to the Director and provide new sampling data when changes in waste discharge occur. A User may not report under Section 7g for User Charge purposes without written approval from the Director.

B. Use of Representative Concentrations Determined by the District

If the sampling analyses, previously submitted by a User and on file with the District, or submitted by a User as a part of the petition to the Director, indicate that either the BOD or SS concentrations at any outfall exceed the standard domestic waste strength concentrations of 119 mg/L for BOD and 168 mg/L for SS, then according to Section 7h of the Ordinance, the User may petition the Director for permission to forgo the required annual sampling, and allow the District to sample the facility. The User would apply the resulting BOD and SS concentrations to User-documented intake water volumes or metered discharge volumes when filing the RD-925 Statement.

Any sampling that the User utilizes as a basis for a petition to the Director must conform to the following requirements:

1. Users discharging an average wastewater volume of more than 200,000 gpd, or having wide fluctuations in volume and waste loadings, must sample all outfalls in proportion to flow during normal daily operations for at least one normal workweek. Additional sampling, if not provided, must be submitted if required by the Director.
2. Users discharging an average wastewater volume of 200,000 gpd or less must sample during normal daily operations for at least two consecutive, normal workdays. An equal volume of sample must be obtained no less frequently than once per hour during each day in the sampling period. Sampling durations exceeding two consecutive days may be required on a case-by-case basis.

C. Use of Historical Concentrations

Users seeking approval to report under Section 7i of the Ordinance for any final outfall must have sampled wastewater discharges from those specified outfalls in accordance with the requirements under Section 5e. All valid and relevant data from a minimum of three consecutive, prior years will be used to characterize such discharges. If such analyses indicate that BOD and SS concentrations at the specified outfall remain consistent over a consecutive, historical period, the User may petition the Director for approval to be allowed to report based on the historically representative average flow-weighted concentrations. The District will review all available data obtained by both the User and the District when making its determination. The approved BOD and SS concentrations, applied to a specific outfall, will be valid for the reporting year as stated in the approval and thereafter, unless revoked by the District.

Future sampling will not be required unless directed by the District or until operational changes occur that affect the nature of the wastewater discharges. The User must report any substantial changes in the character of its discharge to the Director and provide new sampling data when changes in waste discharge occur. The District may perform inspection and/or verification sampling programs periodically to verify that the approved historical concentrations remain valid.

SECTION II. APPROVAL PROCEDURE AND REQUIRED SUBMITTALS

Users must receive prior written approval from the Director before implementation of any User reporting option specified in Sections 7g, 7h or 7i of the Ordinance. To obtain approval, a User must submit a written request to the Director. Adequate documentation must accompany such request.

- A. A User discharging an average wastewater volume of 200,000 gpd, or less, and who has never sampled its facility, must submit the following documentation with the request:
 1. Laboratory data sheets listing individual analytical results and signed by the User's consulting engineer and/or authorized laboratory supervisor.
 2. A completed, certified RD-920 Report.
- B. A User discharging an average wastewater volume exceeding 200,000 gpd, who never previously sampled its facility, must submit:
 1. Documents under item A of the section.
 2. Log of flowmeter totalizer readings, including appropriate conversion factors and flow meter recorder charts, that pertain to the sampling period.
- C. A User who has prior years' data for information requested in A and B above may submit this information with its petition to the Director or certify that the data submitted with previous annual filings is appropriate for its current discharge. If this existing information is determined not to be representative of the User's facility at the time of the petition to the Director, the User must conform to the requirements of A and B above.
- D. Upon receipt of a User's written request for approval to report under Section 7g, Section 7h or Section 7i, the District will do the following:
 1. Acknowledge a User's request, in writing, within 30 calendar days of receipt of the request.
 2. Render the Director's determination, in writing, within 90 calendar days of receipt of a User's request, for a User who petitions to report under Section 7g or Section 7i of the Ordinance.
 3. Render the Director's determination, within 90 calendar days after receipt of a User's request, for a User who petitions to report under Section 7h of the Ordinance. Factors which will be considered by the Director in the evaluation of a User's request, include, but are not limited to, the following:
 - a. Suitable sampling/flow measurement chambers exist on all the outlets of the User's facility which will accommodate the use of the District's automatic sampling apparatus in a safe and secure manner.
 - b. The wastewater discharges from all outlets of the User's facility are amenable to sampling via the use of the District's automated sampling equipment.
 - c. The User's operation is fairly consistent throughout the year such that the representative concentrations obtained from a sampling study over one normal workweek are adequate to determine the User's User Charge liability for the reporting year.
- E. All applications for the Section 7g option approved during a given year apply for that entire year and subsequent years until revoked.
- F. All applications for the Section 7h option approved prior to and including June 30 of a given year are effective for that year and for subsequent years until revoked.
- G. All applications for the Section 7h option approved after June 30 of a given year are effective for January 1 of the following year and for subsequent years until revoked.
- H. A User who is approved for sampling by the District under Section 7h will receive a written report of the field and laboratory analytical data and the representative concentrations to be used in calculating its User Charge liability within 60 calendar days of completion of the District's sampling program.
- I. Participation in this program by a User does not in any way alter the right of said User to appeal under Section 9 of the Ordinance. However, any User who appeals the District's representative concentrations for two consecutive years will be disqualified from reporting under Sections 7g and/or Section 7h of the Ordinance.
- J. A User who wishes to appeal the representative concentrations established by the District under the Section 7h option must do so within 90 calendar days of receipt of this data from the District. After 90 calendar days, no appeals will be accepted by the District.
- K. Users approved to report under Section 7g or Section 7h or Section 7i of this Ordinance may not submit self-monitoring data for a reporting year or a portion thereof in lieu of the standard concentrations, the District-supplied concentration data or the approved historical concentration data, respectively, for the year when an approval under any reporting option was in effect. Such data will not be accepted for use when calculating the annual RD-925 Statement.

APPENDIX E

TO THE USER CHARGE ORDINANCE RECOVERY OF PRETREATMENT PROGRAM ADMINISTRATIVE COSTS

SECTION I. Minimum Pretreatment Requirement (MPR) Charges

In accordance with Section 10, the charges for annual account administration and review of mandatory reports, and charges for annual inspection and verification of discharges permitted under the District's Pretreatment Program and the Sewage and Waste Control Ordinance shall be recovered from Significant Industrial Users (SIU) based on the following schedule:

SIU Annual Flow Volume (gallons)	Charge (Dollars)
<1,296,760	935
1,296,760 to 3,478,200	1,895
3,478,200 to 6,036,040	3,805
6,036,040 to 10,464,520	5,700
10,464,520 to 18,613,980	7,625
18,613,980 to 28,329,770	9,520
28,329,770 to 56,498,000	11,295
>56,498,000	13,320

Activity	Charge
Inspection	\$375
Each sample point specified in the SIU's Discharge Authorization	\$510

SECTION II.

This section deleted effective January 1, 2014.

SECTION III. Charge Assessment and Payment

The MPR charges, where applicable, will be included in the estimated User Charge and notification will be provided to the User. Payment shall be included in the quarterly or annual remittance submitted to the District.

APPENDIX F

TO THE USER CHARGE ORDINANCE USER CHARGE RATES

SECTION I **LARGE COMMERCIAL-INDUSTRIAL USER AND TAX EXEMPT USER RATES**

In accordance with Section 6, for the purpose of computing the User Charge to be paid to the District by Large Commercial-Industrial Users and by Tax-Exempt Users, the following billing rates shall be used for the ~~2016~~2017 reporting year:

- 1) Volume: ~~\$255.02~~ \$259.61 per million gallons
- 2) 5-day BOD: ~~\$234.95~~ \$229.13 per thousand pounds of BOD
- 3) SS: ~~\$148.33~~ \$142.47 per thousand pounds of SS

SECTION II

This section deleted effective January 1, 2014.

SECTION III **OM&R FACTOR FOR TAX CREDIT**

In accordance with Section 6 and Section 7, for the purpose of computing the allowed deductible portion of ad valorem taxes paid to the District, the following OM&R Factor shall be used for the ~~2016~~2017 reporting year:

OM&R Factor: ~~0.344~~ 0.339

ADOPTED:

MARIYANA T. SPYROPOULOS, President

Board of Commissioners of the
Metropolitan Water Reclamation
District of Greater Chicago

Approved as to form and legality:

LISA LUHRS DRAPER
Head Assistant Attorney

RONALD M. HILL
General Counsel

TRANSMITTAL LETTER FOR BOARD MEETING OF SEPTEMBER 15, 2016**COMMITTEE ON INDUSTRIAL WASTE AND WATER POLLUTION**

Mr. David St. Pierre, Executive Director

..Title

Request Authority to Amend the User Charge Ordinance of the Metropolitan Water Reclamation District of Greater Chicago

..Body

Dear Sir:

An in-house review of the Metropolitan Water Reclamation District of Greater Chicago's User Charge Ordinance (Ordinance) by the Monitoring and Research Department established the need to amend the Ordinance to provide modification of certain provisions of the Ordinance.

The amendments are summarized as follows:

1. Appendix F, Section I is amended to modify the User Charge rates applicable to Large Commercial-Industrial and Tax-Exempt User classes. The 2017 billing rates for flow, biochemical oxygen demand (BOD) and suspended solids (SS) are as follows:

LARGE COMMERCIAL-INDUSTRIAL AND TAX EXEMPT USER RATES:

	2016 Rates	Recommended 2017 Rates
(1) Volume	\$255.02 per million gallons	\$259.61 per million gallons
(2) 5-day BOD	\$234.95 per thousand pounds of BOD	\$229.13 per thousand pounds of BOD
(3) SS	\$148.33 per thousand pounds of SS	\$142.47 per thousand pounds of SS

2. Appendix F, Section III is amended to modify the Operations, Maintenance and Replacement (OM&R) Factor as follows:

2016 OM&R Factor	Recommended 2017 OM&R Factor
0.344	0.339

The recommended rates were agreed upon by the User Charge Blue Ribbon Panel in 2013. Attached is "An Ordinance to Amend the User Charge Ordinance of the Metropolitan Water Reclamation District of Greater Chicago, As Amended." We recommend adoption of the proposed Ordinance amendments. These Ordinance amendments will take effect on January 1, 2017.

Requested, Thomas C. Granato, Director of Monitoring and Research, TCG:EWP:MJ:tj

Ronald M. Hill, General Counsel

Jacqueline Torres, Clerk/Director of Finance

Respectfully Submitted, Frank Avila, Vice Chairman, Committee on Industrial Waste and Water Pollution

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for September 15, 2016.

Attachment