

Boston Water and Sewer Commission



Commission Meeting

NO. 2021-11

November 30, 2021

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

RECEIVED

By City Clerk at 9:22 am, Nov 24, 2021



Public Notice

The Boston Water and Sewer Commission will hold a Commission Meeting on Tuesday November 30, 2021 at 2:00 PM. Under the provisions of G.L. c 30A, and per the Act Extending Certain COVID-19 Measures Adopted During the State of Emergency, which was signed into law by the Governor on June 16, 2021, which suspends certain provisions of the open meeting law until April 22, 2022, this meeting will be conducted remotely. The dial in information is below.

Join Zoom Meeting

<https://bwsc.zoom.us/j/87301838987?pwd=MOIKUWFBa2wxTm9RU0ZaOExKdExuZz09>

Dial by your location:

+1 646 558 8656 US (New York)

One tap mobile

+13126266799,,87301838987#,,,,*074624# US (Chicago)

+16465588656,,87301838987#,,,,*074624# US (New York)

Meeting ID: 873 0183 8987

Passcode: 074624

A handwritten signature in blue ink, appearing to read "Henry F. Vitale".

Henry F. Vitale
Executive Director

BOSTON WATER AND SEWER COMMISSION

REGULAR MEETING

Wednesday, October 27, 2021

I. CALL TO ORDER

A Regular Meeting of the Boston Water and Sewer Commission was called to order at 2:00 P.M. on Wednesday, October 27, 2021, at the office of the Commission, 980 Harrison Avenue, Boston, Massachusetts. Under the provisions of G.L. c. 30A, and per the Act Extending Certain COVID-19 Measures Adopted during the State of Emergency, which was signed into law by the Governor of the Commonwealth of Massachusetts on June 16, 2021, which suspends certain provisions of the open meeting law, this meeting was conducted remotely. The dial in and meeting identification were publicly noticed.

Present at the meeting were Commissioner Michael J. Woodall, Commissioner Cathleen Stone and Commissioner Thomas Keady constituting a quorum for the transaction of business; Messrs. Canavan, Dayib, Hunt, LaMarca, Petruzzello, Piacenza, Sullivan, Van Dam, Vitale, and Mses. Hickson, Ma, Mahoney, McSweeney, and Theodat of the Commission Staff. Commissioner Woodall acted as Chairman and Mr. Vitale acted as Secretary. Also present were two members of the public.

Upon opening the meeting Mr. Vitale asked Chairman Woodall to give an overview of the format of the meeting. Chairman Woodall informed participants that the meeting was being held virtually and that at the conclusion of the open session that the Board would meet in Executive Session and would not be reconvening at the conclusion of the Executive Session.

Administration

Approval of Minutes

Upon opening of the meeting, consideration was given to a draft of the Minutes of the Regular Meeting of the Commission held on Wednesday, September 22, 2021. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Minutes of the Regular Meeting of the Commission held on Wednesday, September 22, 2021, be, and they hereby are, approved.

Information Reports

1. Disbursement Ratification (Schedules A, B, C & D)

Ratification of Disbursements for September 13, 2021, through October 14, 2021. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the actions of those persons authorized by the Commission to execute checks for a total of \$742,412.33 are ratified and approved.

II. GENERAL MANAGEMENT REPORTS

1. September 2021 Capital Improvement Program Budget Variance Report.
2. September 2021 Monthly Management Report.
3. September 2021 Revenue and Expenses Report.

III. PROPOSALS AND CONTRACTS

Engineering

1. For Information Only: Project Performance Tracking and Reporting.

2. Request for Authorization to Amend Contract No. 16-206-003 with Stantec Consulting Services, Inc. for Professional Services for the Design of Water and Sewerage Works. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to Amend Contract No. 16-206-003, for professional services for the Design of Sewer Separation in South Boston in an amount not to exceed \$1,859,980.00 for a final cost not to exceed \$7,692,627.00; and the Chief Engineer is authorized to negotiate, and the Executive Director is authorized to execute the necessary contract documents.

3. Request for Authorization to Advertise for bids for Contract No. 17-309-011 For Water and Sewerage Works Improvements in Roxbury. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to Advertise for Bids for Contract 17-309-011, for Water and Sewerage Works Improvements in Roxbury.

4. Request for Authorization to Advertise for Bids for Contract No. 19-308-003, Rehabilitation and Replacement of Water, Sewer and Drain Pipes in the City of Boston. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to Advertise for Bids for Contract 19-308-003, for Rehabilitation and Replacement of Water, Sewer and Drain Pipes in the City of Boston.

5. Request for Authorization to Approve Amendment No. 1 and Approve Additional Funding for Contract Number 20-206-004, the Coastal Stormwater Discharge Analysis. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to Approve Amendment No. 1 and Approve Additional Funding for Contract No. 20-206-004, for the Coastal Stormwater Discharge Analysis Project at an estimated additional cost of \$500,000 for a total contract amount of \$1,650,000; and the Executive Director is authorized to execute the necessary contract documents.

Administration

1. Request for Authorization to Award a Contract, utilizing a Massachusetts State Contract, for annual maintenance and technical support services on the Commission's Oracle Relational Database Management Systems and related software. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to award a contract not to exceed \$76,000 to Oracle Corporation for annual maintenance and technical support services on the Commission's Oracle Relational Database Management Systems and related software for the period of January 1, 2022, to December 31, 2022, services being procured under a Commonwealth of Massachusetts State Contract; and the Executive Director is authorized to execute the necessary contract documents.

2. Request for Authorization to Award a Contract, utilizing a Massachusetts State Contract, for annual maintenance and technical support on the Commission's Human Resources /Financial Management System. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to award a contract not to exceed \$180,000 to Oracle Corporation for annual maintenance and technical support services on the Commission's Human Resources/Financial Management System for the period of January 1, 2022, to December 31, 2022, services being procured under a Commonwealth of Massachusetts State Contract; and the Executive Director is authorized to execute the necessary contract documents.

3. Request to Utilize a Massachusetts State Contract for a Three-Year Contract for Janitorial Building Services. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to solicit approved vendors from Massachusetts State Contract FAC114, for a three-year contract for janitorial building services at the Commission's Headquarters Building and Material Handling Facility at an estimated cost of \$1,200,000.00; and the Executive Director is authorized to execute the necessary contract documents.

Operations

1. Request to Approve Additional Funding for Contract No. 21-303-003, Emergency Repairs to Sewers and Drains. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to approve additional funds in the amount of \$349,500.00 for Contract No. 21-303-003, Emergency Repairs to Sewers and Drains to cover the cost of a payment item overrun for a new total contract cost of \$1,850,325.22.

Finance

1. Request for Authorization to Adopt a Resolution Authorizing the Issuance of Promissory Notes to the Massachusetts Water Resources Authority; and authorization for the Executive Director and other appropriate staff to Execute the Promissory Notes, Financial Assistance Agreements and Loan Agreements relative to Phase 10 of the Infiltration/Inflow Grant/Loan Program. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to adopt a resolution for the issuance of Promissory Notes to the Massachusetts Water Resources Authority in an aggregate amount not to exceed \$23,293,000.00 Relative to Phase 10 of the Infiltration/Inflow Grant/Program; and the Executive Director and other appropriate Staff are authorized to execute the necessary documents.

Safety and Training

1. Request for Authorization to purchase and install a new 77,000-pound vertical vehicle lift in the Fleet Department. Upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, and Commissioner Keady, Chairman Woodall voted yea, Commissioner Stone voted yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission is authorized to purchase and install a new 77,000-pound vertical vehicle lift in the Fleet Department at an amount not to exceed \$112,031.00; and the Executive Director is authorized to execute the necessary contract documents.

Other Matters

1. Informational Verbal Report on the impact of COVID-19 given by the Director of Human Resources, Marie Theodat.

IV. EXECUTIVE SESSION

There being no further business to come before this meeting, Chairman Woodall advised the Commissioners that it would be appropriate to go into Executive Session to approve the draft of the September 22, 2021, Executive Session Minutes and discuss certain other matters. Upon Motion duly by

Chairman Woodall and seconded by Commissioner State and Commissioner Keady, Chairman Woodall voted yea and Commissioner Stone votes yea, and Commissioner Keady voted yea.

RESOLVED: That the Commission go into Executive Session to approve the draft of the September 22, 2021 Executive Session Minutes and discuss certain other matters, the Commission having determined that conducting such business in open meeting would not be in the best interest of the Commission; and further

RESOLVED: That the Commission will not reconvene in an open meeting session upon completion of the Executive Session; and further

RESOLVED: To adjourn the open meeting and meet in Executive Session

ADJOURNMENT

After further discussion upon Motion duly made by Chairman Woodall and seconded by Commissioner Stone, Chairman Woodall voted yea, and Commissioner Stone voted yea.

RESOLVED: To adjourn.

Adjourned, accordingly, at 2:47 P.M.

Respectfully submitted,



Henry F. Vitale
Secretary

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

Meeting of the
Boston Water and Sewer Commission

November 30, 2021

Meeting No. 2021-11

AGENDA

Call to Order

Minutes of Meeting

1. Minutes of the October 27, 2021 Meeting

Informational Reports

1. Disbursement Ratification (Schedules A, B & D)
2. Affirmative Action Plan: 3rd Quarter Report for 2021

General Management Reports

1. Capital Improvement Program Budget Variance Report
2. Monthly Management Report
3. Revenue and Expenses

Proposals and Contracts

Engineering

1. Informational Report - Project Performance Tracking and Reporting
2. Commission Authorization to Award Contract No. 17-309-015, Rehabilitation of Large Diameter Sewer Mains in City Proper and South Boston

Administration

1. Commission Authorization to Utilize the Massachusetts State Contract for Printing and Graphic Design Services for Commission Publications and Materials
2. Commission Authorization to Advertise for Proposals for Professionals Services and Implementation of a Construction Project Management System.
3. Commission Authorization to Award a Contract to purchase Microsoft Licensing through an Enterprise Agreement from Dell and these services and products will purchased under a Commonwealth of Massachusetts State Contract.
4. Commission Authorization to Award a Contract to Dell for renewal of a Maintenance and Support Agreement for the Commission's Data Center Virtualization Systems and the Agreement will be purchased under a Massachusetts State Contract.
5. Commission Authorization to Utilize currently Approved Commonwealth of Massachusetts State Contracts General Services Agreements and to Authorize Consortium/Collaborative Agreements for the purchase of IT Hardware and Miscellaneous Supplies.
6. Commission Authorization to Award a Contract to Verizon Wireless/ Verizon New England, Inc. to purchase Wireless and Telecommunications Services and these services will be purchased under a Commonwealth of Massachusetts State Contract.
7. Commission Authorization to Award Contract No. 21-201-004, for Overhead Door Maintenance and Repair Services.
8. Commission Authorization to Award a Contract for Janitorial Services from 2022 to 2024

Operations

1. Commission Authorization to Award Contract No. 22-303- 001, Emergency Repairs to Water Services in the City of Boston
2. Commission Authorization to Award Contract No. 22-303-002, Emergency Repairs to Sewers and Drains in the City of Boston

3. Commission Authorization to Award Contract No. 22-303-003, Reconstruction of Drainage and Sewerage Works in the City of Boston
4. Commission Authorization to Award Contract No. 22-303-004, Cleaning and Television Inspection of Sewers and Storm Drains in the City of Boston
5. Commission Authorization to Award Contract No. 22-303-005 for Disposal/Reuse of Waste Trench Excavate
6. Commission Authorization to Award Contract No. 22-303-006 for Disposal/Reuse of Waste Sewer Cleanings
7. Commission Authorization to Award Contract No. 22-303-007 for Disposal/Reuse of Waste Catch Basin Cleanings
8. Commission Authorization to Award Contract No. 22-303-008 Restoration of Water and Sewer Permanent Paving of Excavation in the City of Boston
9. Commission Authorization to Award Contract No. 22-303-009, Restoration of Water and Sewer Sidewalk Excavation in the City of Boston
10. Commission Authorization to Award Contract No. 22-303-010, Catch Basin Cleaning I in the City of Boston
11. Commission Authorization to Award Contract No. 22-303-011, Catch Basin Cleaning II in the City of Boston
12. Commission Authorization to Utilize the current approved Commonwealth of Massachusetts State Contract CLT08 for Miscellaneous Clothing, Footwear and Accessories.
13. Commission Authorization to Utilize the Current Approved Commonwealth of Massachusetts State Contract FAC100 for Industrial, Construction and Safety Equipment and Supplies.

Safety and Training

1. Commission Authorization to Utilize New England Water Works Association to provide Training to Commission Employees in 2022
2. Commission Authorization to Utilize the current Approved Commonwealth of Massachusetts State Contract VEH93 for Services and Parts of Heavy-Duty Vehicles
3. Commission Authorization to Utilize the current Approved Commonwealth of Massachusetts State Contract VEH96 for Motorized Vehicle Parts, Re-refined Motor Oil, Remanufactured Antifreeze, and other Lubricants.
4. Commission Authorization to Utilize the Massachusetts State and/or Cooperative Procurement Contracts for the purchase of (1) Backhoe and (1) Front End Loader



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**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 22, 2021
Re: Ratification Disbursements (Schedules A, B & D)

Purpose: Information
 Vote

Prepared by: Anna T. Sullivan
Accounts Payable Manager

Reviewed by: Luciano Petruzzello
Chief Financial Officer

Approved by: Henry F. Vitale
Executive Director

**THE FOLLOWING INFORMATION IS APPLICABLE TO ANY
RECOMMENDATION
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT**

**NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A**

Recommendation:

To ratify the miscellaneous disbursements (Schedules A, B & D attached) for the period Oct. 15, 2021 - Nov. 18, 2021. The total amount of disbursements to be ratified equals \$ 303,492.96.

Discussion/Alternative:

N/A

Budget/Fiscal Impact:

N/A

Attachments:

Schedule A - Miscellaneous Disbursements Over \$25,000
Schedule B - Miscellaneous Disbursements Under \$25,000
Schedule D - Disbursements Under \$25,000 Per Approved Commission Policies



(SCHEDULE A)
TO BE RATIFIED
MISCELLANEOUS DISBURSEMENTS
OVER \$25,000.00
November 22, 2021

Payee	Amount	Description of Services
JLS MAILING SERVICES INC	\$ 34,000.00	Postage for November 2021.
Total	<u>\$ 34,000.00</u>	



(SCHEDULE B)
TO BE RATIFIED
MISCELLANEOUS DISBURSEMENTS
UNDER \$25,000.00
November 22, 2021

Payee	Amount	Description of Services
AMERICAN ARBITRATION ASSOC.	\$ 325.00	Initial Administrative Fee for case #01-21-0016-9597-2-LC.
AMERICAN ARBITRATION ASSOC.	\$ 325.00	Initial Administrative Fee for case #01-21-0016-9590-2-LC.
ATD ASSOCIATION FOR TALENT DEVELOPMENT	\$ 309.00	Payment for periodicals for the Organizational Diversity Dept.
COMMONWEALTH OF MASSACHUSETTS - DEPT CONSERVATION & RECREATION	\$ 50.00	Permit for Morrissey Blvd 21-CP-0345-APP (Contract #19-309-014).
COMMONWEALTH OF MASSACHUSETTS - DEPT CONSERVATION & RECREATION	\$ 50.00	Permit for Neponset Park off of Hallet 21-CP-0344-APP (Contract #19-30-014).
DEPARTMENT OF UNEMPLOYMENT ASSISTANCE	\$ 7,034.38	Unemployment compensation for the month of September 2021.
FARRAH CONSULTING GROUP	\$ 6,536.00	Professional services rendered through September 30 2021.
MASS. BAY TRANSPORTATION AUTHORITY	\$ 2,600.00	License fee for contract #18-308-001 Huntington Avenue MBTA .



(SCHEDULE B)
TO BE RATIFIED
MISCELLANEOUS DISBURSEMENTS
UNDER \$25,000.00
November 22, 2021

Payee	Amount	Description of Services
MASS. BAY TRANSPORTATION AUTHORITY	\$ 2,600.00	License for contract #20-309-012 (South Boston Separation), MBTA #16991
MINTZ,LEVIN,COHN,FERRIS GLOUSKY & POPEO, PC	\$ 2,546.50	Professional services rendered regarding Chapter 93 Wage Arbitration through 10/31/21.
MINTZ,LEVIN,COHN,FERRIS GLOUSKY & POPEO, PC	\$ 18,245.00	Professional services regarding General Matters rendered through 10/31/21.
MINTZ,LEVIN,COHN,FERRIS GLOUSKY & POPEO, PC	\$ 5,096.00	Professional services regarding Cybersecurity Review rendered through 10/31/21.
NEW ENGLAND WATER WORKS ASSOC.	\$ 5,000.00	Payment for Virtual Technology Campaign to provide the Commission better online training courses.
STANDARD & POORS CORP.	\$ 3,500.00	Annual surveillance fee for the period 10/1/21 through 9/30/22.
UNITED STATES POSTAL SERVICE	\$ 500.00	Payment for BRM Permit for box #48258-001
WOODARD & CURRAN	\$ 30,888.86	MWRA portion for October 2021 regarding Union Park.



(SCHEDULE B)
TO BE RATIFIED
MISCELLANEOUS DISBURSEMENTS
UNDER \$25,000.00
November 22, 2021

Payee	Amount	Description of Services
WOODARD & CURRAN	\$ 30,888.86	MWRA portion for September 2021 regarding Union Park.
WOODARD & CURRAN	\$ 30,888.86	MWRA portion for August 2021 regarding Union Park.
Total	<u>\$ 147,383.46</u>	



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
1401-1407 CENTRE STREET CONDOMINIUM	\$ 8.55	Account #1363285 Lien application fee refund.
285 BELGRADE AVENUE CONDO	\$ 4,000.00	Sewer lateral reimbursement.
33 PLEASANT STREET CONDO	\$ 4,000.00	Sewer lateral reimbursement.
39 BRADWOOD ST LLC	\$ 14.35	Account #1635669 Lien application fee refund.
41 BOARDMAN STREET CONDO	\$ 4,000.00	Sewer lateral reimbursement.
46 HARVARD STREET CONDO ASSOCIATION	\$ 4,000.00	Sewer lateral reimbursement.
AMERICAN SOCIETY OF CIVIL ENGINEERS	\$ 340.00	Membership dues for the Design Engineer I.
AMERICAN SOCIETY OF CIVIL ENGINEERS	\$ 340.00	Membership dues for the Project Director.
AMERICAN WATER WORKS ASSOCIATION	\$ 294.00	Membership dues for the Executive Assistant.
AMERICAN WATER WORKS ASSOCIATION	\$ 294.00	Membership dues for the Superintendent of Asset Management.
ANNA SOUKAROS	\$ 7.30	Account #1642886 Lien application fee refund.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
ARTHUR M BOHAN	\$ 201.81	Account #1667015 Lien application fee refund.
BRENDAN T. O'BRIEN	\$ 1,294.15	Reimbursement for expenses incurred by the Deputy Director of Engineering to attend a conference on 9/7/21-9/10/21 in Bretton Woods, NH.
BRIAN, & KAREN MCMAHON	\$ 57.82	Account #1170204 Lien application fee refund.
CARRIE ANDERSON & AARON WHITMORE	\$ 2,122.50	Sewer lateral reimbursement.
CHARLES MOITT	\$ 4,000.00	Sewer lateral reimbursement.
CIVIL DESIGN CONSULTANTS, INC.	\$ 545.00	Fire Flow Test refund.
CONSTANCE R CECIL	\$ 248.78	Account #1206471 Lien application fee refund.
CORRIB CHARITABLE TRUST	\$ 650.00	Account #2011417 Hydrant fee refund.
CURTIS, & BARBARA ZILLMAN RANDALL	\$ 31.65	Account #1650208 Lien application fee refund.
Christine Haydin & Cristian Taut	\$ 15.75	Account #1345939 Lien application fee refund.
DANIEL MOSS	\$ 4,000.00	Sewer lateral reimbursement.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
DEMETRIOS G. VIDALIS	\$ 1,557.64	Reimbursement for expenses incurred by the Superintendent of Asset Management to attend a conference on 9/7/21-9/10/21 in Bretton Woods, NH.
DENISE DEVLIN	\$ 489.00	Professional Civil Engineer License fee reimbursement.
DOROTHY HENSHON	\$ 4,000.00	Sewer lateral reimbursement.
EDNEI & IVA FURTADO	\$ 4,000.00	Sewer lateral reimbursement.
EMMA SWINTON	\$ 4,000.00	Sewer lateral reimbursement.
ENGINEER NEWS RECORD	\$ 96.00	Membership dues for the Project Director.
ETHAN BALK	\$ 2,122.50	Sewer lateral reimbursement.
FRED PRYOR SEMINARS	\$ 1,990.00	Membership dues for the Human Resources Dept.
GEORGE & GIOVANKA SARKIS	\$ 407.09	Account #1366295 Lien application fee refund.
GINO AND ELIZABETH DICICCO	\$ 6.94	Account #1415722 Lien application fee refund.
HARVARD BUSINESS REVIEW	\$ 120.00	Subscription fee for the Chief Engineer.
HEGARTY CORNELIUS	\$ 75.22	Account #1679741 Lien application fee refund.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
IAIN & TARA WILSON	\$ 73.15	Account #1644083 Credit balance after adjustment.
JAMES & DEIRDRE DAY	\$ 3,600.00	Sewer lateral reimbursement.
JEAN VERREIR	\$ 1,904.63	Account #1538061 Credit balance after adjustment.
JOHNATHAN & GISSELT SANCHEZ	\$ 4,000.00	Sewer lateral reimbursement.
KENDRICK LLC	\$ 4,000.00	Sewer lateral reimbursement.
KETTLY VILBRUN	\$ 4,000.00	Sewer lateral reimbursement.
LAWYERS DIARY AND MANUAL	\$ 103.00	Payment for one 2022 Diary & Manual for the Legal Dept.
LAWYERS DIARY AND MANUAL	\$ 880.00	Payment for eight 2022 Diary & Manual for the Legal Dept.
MASSACHUSETTS WATER WORKS ASSOC.	\$ 2,000.00	BWSC 2022 Corporate membership.
MCLE	\$ 183.75	Registration fee for the Assistant General Counsel to attend a virtual seminar on 12/7/21 in Boston, MA.
MCLE	\$ 220.50	Registration fee for the Assistant General Counsel to attend a virtual seminar on 10/28/21 in Boston, MA.
MISHA WOODWARD	\$ 0.98	Account #1377432 Lien application fee refund.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
NANCY CASTRO-REICH	\$ 4,000.00	Sewer lateral reimbursement.
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS	\$ 299.00	Membership dues for the Superintendent of Asset Management.
NEW ENGLAND INTERSTATE WATER POLLUTION CONTROL COMMISSION	\$ 75.00	Membership dues for the Director of Operations.
Netflix Productions LLC	\$ 1,705.46	Account #2010773 Hydrant fee refund.
OBBIE LLC	\$ 2.33	Account #1698480 Lien application fee refund.
ORVILLE WEST	\$ 109.00	Hoisting license medical exam fee reimbursement.
PATRICK STONES	\$ 4,000.00	Sewer lateral reimbursement.
RAMON & CARMEN ALICEA	\$ 4,000.00	Sewer lateral reimbursement.
RICARDO BONILLA	\$ 250.00	Reimbursement for 1B Hoisting Prep class.
SAVA KELESIDIS	\$ 4,000.00	Sewer lateral reimbursement.
STCYR, SRANTZ, & BUISSERETH RAYMON	\$ 17.32	Account #1545061 Lien application fee refund.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
STEPHEN & ROSEMARIE DeFALCO	\$ 4,000.00	Sewer lateral reimbursement.
THE KIPLINGER	\$ 49.00	Subscription fee for the Executive Director.
THOMSON REUTERS - WEST	\$ 617.88	Subscription fee for the Legal Dept.
THOMSON REUTERS - WEST	\$ 2,041.50	Online information charges for the period 10/1/21 through 10/31/21.
TRENCHLESS TECHNOLOGY CENTER LOUISIANA TECH UNIVERSITY	\$ 302.17	Registration fees for eleven BWSC employees to attend a virtual Municipal Forum on 11/18/21 in Boston, MA.
TYRONE DEVELOPMENT LLC	\$ 295.56	Account #1378419 Lien application fee refund.
TYRONE SEALEY	\$ 300.00	Payment of settlement agreement regarding employee's missing compressor kept on Commission property claim.
US WATER ALLIANCE	\$ 11,750.00	BWSC Corporate membership dues.
VINCENT, DEBRA & CARREY BERTRAND AND EDWARD ZARROW	\$ 4,000.00	Sewer lateral reimbursement.
WADII BELLARMINE	\$ 431.88	Payment for settlement of property damage claim on 9/4/21.
WATER ENVIRONMENT FEDERATION	\$ 185.00	Membership dues for the Superintendent of Asset Management.



(SCHEDULE D)

DISBURSEMENTS UNDER \$25,000.00
PER APPROVED COMMISSION POLICIES
November 22, 2021

Payee	Amount	Description of Services
WATER ENVIRONMENT FEDERATION	\$ 190.00	Membership dues for the Director of Planning & Sustainability.
WESTIE PROPERTIES LLC	\$ 4,000.00	Sewer lateral reimbursement.
YUE TONG	\$ 1,192.34	Account #1518083 Lien application fee refund.
ZOYA SHMERKOVICH	\$ 4,000.00	Sewer lateral reimbursement.
Total	<u>\$ 122,109.50</u>	

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission

From: Henry Vitale, Executive Director/ Treasurer

Date: November 30, 2021

**Re: *Affirmative Action Plan: Third Quarter Report for the period July1, 2021
through September 30, 2021***

Purpose: Information

Prepared by:

Hussein Dayib
Director of Organizational Diversity

Vote

Reviewed by:

Hussein Dayib
Director of Organizational Diversity

Approved by:

Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A

WOMEN OWNED BUSINESS: N/A

Recommendation:

For Information Only



Discussion/Alternative:

The following Third Quarter Affirmative Action Report of 2021 is presented for the Commissioner's review and information.

Regular/ Full-time Employees

The number of regular (fulltime) Commission employees for the quarter ending September 30, 2021, was 428, of which 187 were non-minority males and 49 were non-minority females, thus bringing the non-minority total to 236 or 55%. Minority males numbered 132 while minority females numbered 60, bringing the total minority count to 192 or 45% by the quarter's end.

One (1) Minority employee was hired during the quarter.

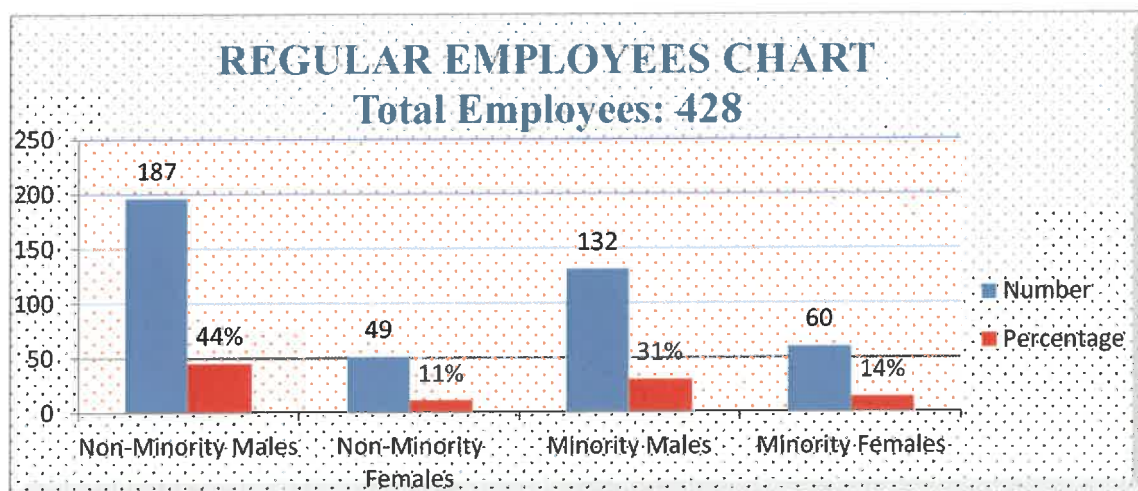
Twenty-Four (24) employees were promoted during the quarter, 12 were non-minority males and 12 were minority males.

Six (6) employees retired during the quarter, five were non-minority (4 males and 1 female) and one was minority female

Seven (7) employees were terminated (or resigned) during the quarter, 6 were non-minority (5 males and 1 female) and 1 was minority male.

Regular/Full-time Employees Table

<i>Category</i>	<i>Number</i>	<i>Percentage</i>
Non-Minority Males	187	44%
Non-Minority Females	49	11%
Minority Males	132	31%
Minority Females	60	14%
Total Employees	428	100%

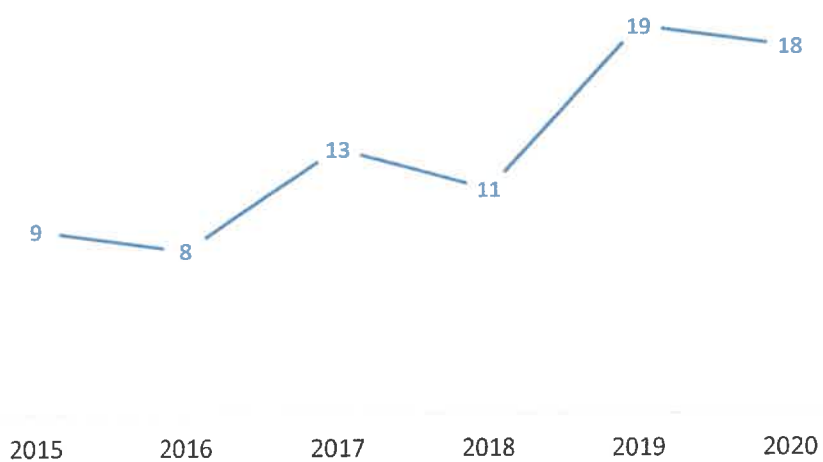


Personnel Demographics for the Second Quarter (07-01-21 to 09-30-21)

Category	Number	Non-Minority	Minority	Women
Hired Employees	1	0	1	1
Promoted Employees	24	12	12	0
Retired Employees	6	5	1	1
Terminated/Resigned. Employees	7	6	1	1



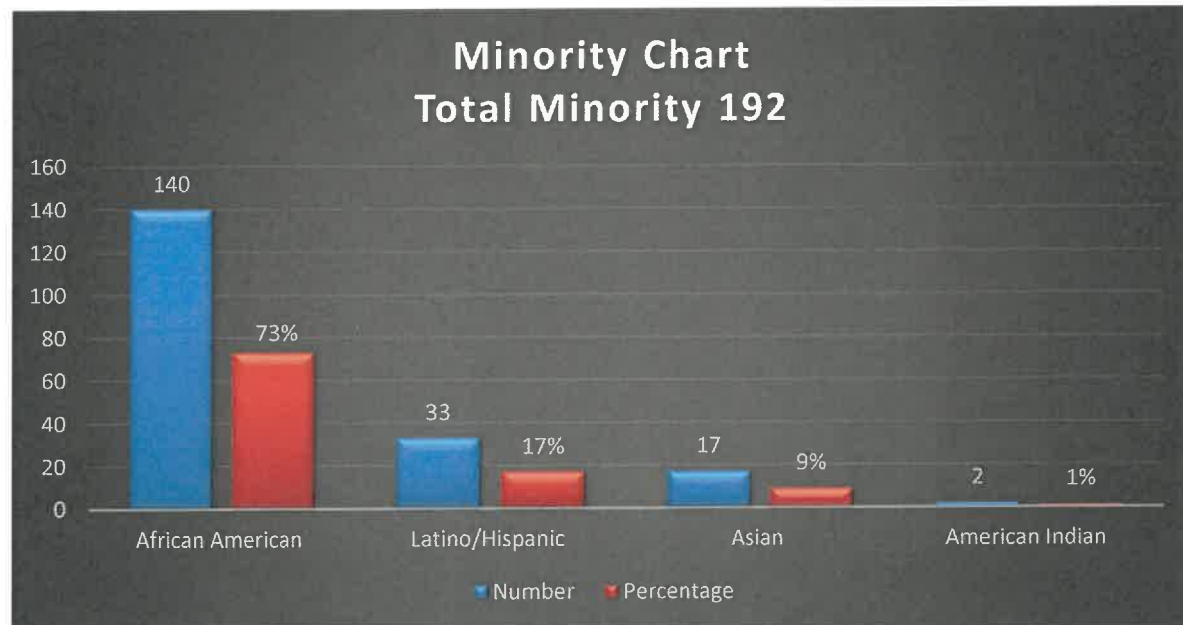
SIX YEARS TREND OF RETIRED EMPLOYEES





Minority Employees Table

<i>Category</i>	<i>Number</i>	<i>Percentage</i>
African American	140	73%
Latino / Hispanic	33	17%
Asian	17	9%
American Indian	2	1%
Total Minority Employees	192	100%





Job Group Analysis as of 09/30/2021

Participation of Minority and Women Business Enterprise

Job Group	Total	Non-Minority Employees				Minority Employees				Total
		Male	Percent	Female	Percent	Male	Percent	Women	Percent	
Officials and Administrators	89	54	61%	13	15%	12	13%	10	11%	100%
Professionals	72	32	45%	11	15%	13	18%	16	22%	100%
Technicians	47	19	40%	6	13%	20	43%	2	4%	100%
Administrative Support	91	20	22%	18	20%	22	24%	31	34%	100%
Skilled Craft	108	50	46%	1	1%	57	53%	0	0%	100%
Service Maintenance	21	12	57%	0	0%	8	38%	1	5%	100%
Grand Total	428	187	44%	49	11%	132	31%	60	14%	100%

Construction Contracts

During the quarter under review, the Commission paid a total of \$10,423,554 to construction contractors. Out of that, Minority Business Enterprises (MBE) were paid a total of \$922,393 representing 8.9% of total expenditures. The MBE goal for construction contracts is 9%.

Women Business Enterprises (WBE) were paid a total of \$498,073 representing 4.8% of the total construction contract expenditures. The WBE goal is 6%.

Construction Contract Expenditure Table

	Qtr. Payment	%	YTD	%
Construction Contracts Total	\$10,423,554	100%	\$24,628,192	100%
Minority Businesses	\$922,393	8.9%	\$2,177,632	8.8%
Women Businesses	\$498,073	4.8%	\$1,489,872	6.0%



Professional Service Contract Payment

The Commission paid a total of \$1,624,309 to Professional Service Contracts during the quarter. Minority Business Enterprises (MBE) were paid a total of \$85,374 representing 5.2% of the total expenditure. The MBE goal for Professional Service Contracts is 15%.

Women Business Enterprises (WBE) were paid a total of \$135,475 representing 8.3% of the total expenditures. The WBE goal is 6%.

Professional Service Expenditure Table

	<i>Qtr. Payment</i>	<i>%</i>	<i>YTD</i>	<i>%</i>
<i>Professional Service Contracts Total</i>	<i>\$1,624,309</i>	<i>100%</i>	<i>\$4,074,504</i>	<i>100%</i>
<i>Minority Businesses</i>	<i>\$85,374</i>	<i>5.2%</i>	<i>\$293,316</i>	<i>7.2%</i>
<i>Women Businesses</i>	<i>\$135,475</i>	<i>8.3%</i>	<i>\$498,903</i>	<i>12.2%</i>

Construction & Professional Service Contract Totals for 2020				
Construction Contracts			Professional Service	
Total Amount Paid	\$ 31,821,686	100%	\$ 5,348,392	100%
Total Amount Paid to MBE	\$ 3,287,998	10.3%	\$ 408,541	7.6%
Amount Paid to WBE	\$ 3,109,802	10.0%	\$ 821,435	15.4%

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: October 2021 Capital Improvement Program Budget Variance Report

Purpose: Information

Prepared by: Ryan Sewall
Capital Budget Manager

Vote

Reviewed by: Luciano Petruzello
Luciano Petruzello
Chief Financial Officer

Approved by: Henry F. Vitale
Henry F. Vitale
Executive Director and
Treasurer

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

For informational purposes only.

Discussion/Alternative:

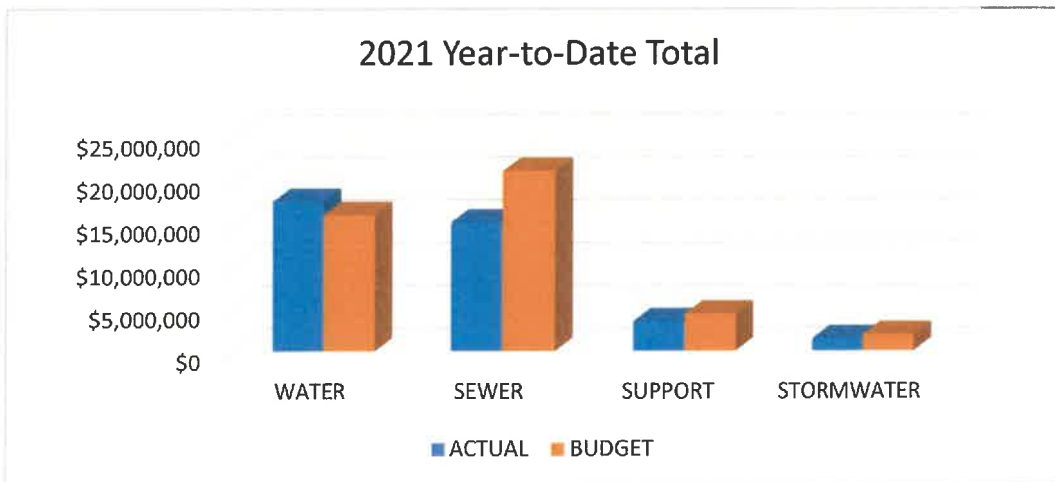
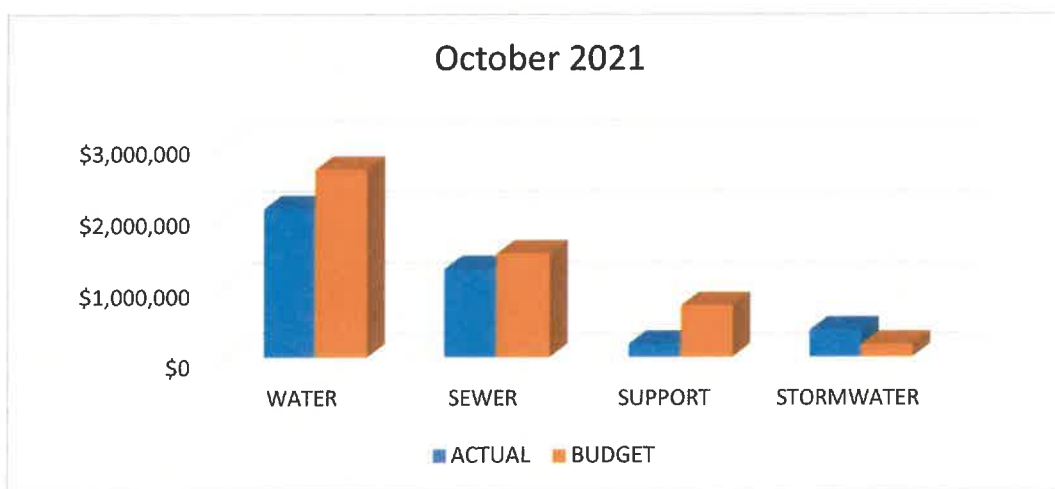
The following October 2021 Capital Improvement Program (CIP) Budget Variance Report is presented for your review and information.



All Capital Projects

Actual expenditure for all Capital Projects in the month of October is \$3,871,864. The budgeted amount is \$4,988,000, which creates an under-budget spending variance of \$1,116,136. The Water and Support categories represent the largest under-budget spending variances.

Actual expenditure in the year-to-date total for all Capital Projects is \$37,456,297. The budgeted amount is \$43,247,000, which creates an under-budget spending variance of \$5,790,703. The Wastewater category represents the largest under-budget spending variance in the year-to-date total.





Water Projects

Actual expenditure on all Water Projects in the month of October is \$2,082,663. The budgeted amount is \$2,637,000, which creates an under-budget spending variance of \$554,337.

Actual expenditure in the year-to-date total is \$17,525,691. The budgeted amount is \$15,954,000, which creates an above-budget spending variance of \$1,571,691. The Water Relay category represents the above-budget spending variance.





Water Projects Breakdown

Water Relay:

Actual expenditure for the Water Relay category in the month of October is \$1,719,152. The budgeted amount is \$1,991,000, which creates an under-budget spending variance of \$271,848. The Water Main Replacement Bowdoin & Lincoln Street and Water Main Replacement in Dorchester & Roxbury line items represent the largest under budget spending variances. A significant payment for work on the Water Main Replacement in Dorchester & Roxbury line item will be disbursed in November.

Actual expenditure in the year-to-date total in the Water Relay category is \$13,732,551. The budgeted amount is \$9,877,000, which creates an above-budget spending variance of \$3,855,551. The Water Main Replacement in the City Proper line item represents the largest above-budget spending variance.

Water Special:

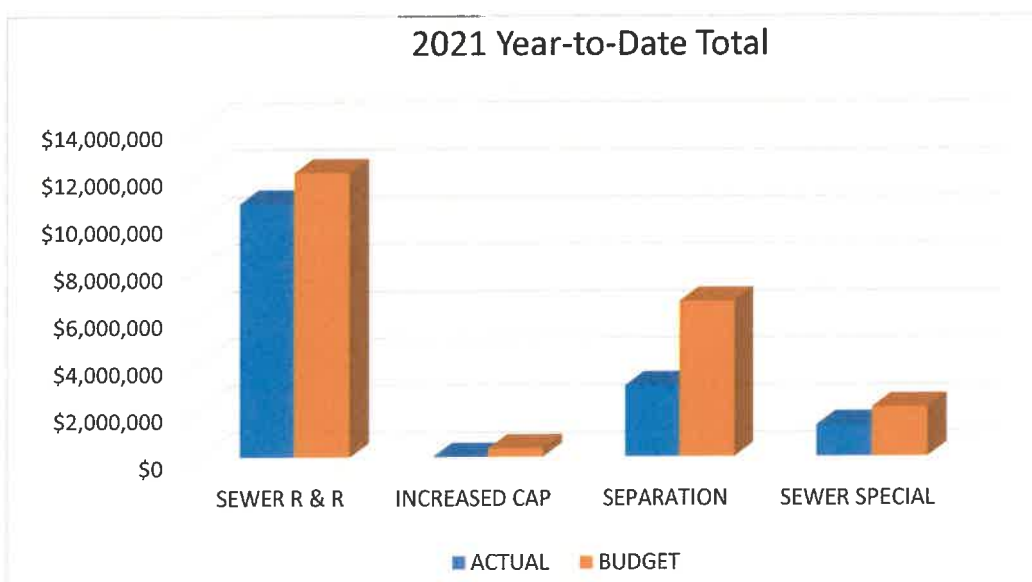
Actual expenditure in the Water Special category in the month of October is \$363,511. The budgeted amount is \$646,000, which creates an under-budget spending variance of \$282,489. The CIP-Permits line item represents the largest under-budget spending variance.

Actual expenditure in the year-to-date total in the Water Special category is \$3,793,140. The budgeted amount is \$6,077,000, which creates an under-budget spending variance of \$2,283,860. The CIP-Permits line item represents the largest under-budget spending variance, as mentioned above.

Wastewater Projects

Actual expenditure on all Wastewater Projects in the month of October is \$1,234,719. The budgeted amount is \$1,456,000, which creates an under-budget variance of \$221,281. The Wastewater Special category represents the largest under-budget variance.

Actual expenditure in the Wastewater category in the year-to-date total is \$15,073,380. The budgeted amount is \$21,089,000, which creates an under-budget spending variance of \$6,015,620. The Separation category represents the largest under-budget variance.



Wastewater Projects Breakdown

Renewal & Replacement

Actual expenditure in the Renewal & Replacement category in the month of October is \$936,212. The budgeted amount is \$752,000, which creates an above-budget spending variance of \$184,212. The Sewer and Drain Improvement in Dorchester line item represents the largest above-budget spending variance.

Actual expenditure in the year-to-date total in the Renewal & Replacement category is \$10,734,461. The budgeted amount is \$12,054,000, which creates an under-budget spending variance of \$1,319,539. The Sewer R & R in City Proper, Dorchester, Hyde Park, South Boston,



West Roxbury line item represents the largest under-budget spending variance. Construction on this project started the last week in September. The initial payment will be released in November.

Increased Capacity

The Increased Capacity category did not recognize actual expenditure in October. The budgeted amount is \$60,000, which creates an under-budget variance of \$60,000. The Tidegate Installation Citywide line item represents the under-budget spending variance. A change in the scope of work caused a delay in the design of this project. The contract will most likely be awarded in the first quarter of 2022.

The Increased Capacity category has not recognized an actual expenditure in the year-to-date total. The budgeted amount is \$360,000, which creates an under-budget spending variance of \$360,000.

Separation

Actual expenditure for the Separation category in the month of October is \$268,249. The budgeted amount in October is \$383,000, which creates an under-budget spending variance of \$114,751. The Sewer Separation East Boston Phase II line item represents the largest under-budget spending variance.

Actual expenditure in the year-to-date Separation category in October is \$3,014,017. The budgeted amount is \$6,592,000, which creates an under-budget spending variance of \$3,577,983. The Sewer Separation East Boston Phase II and the Construction Oversight of the South Boston Separation line items represent the largest under-budget spending variances. Construction on the Sewer Separation East Boston Phase II line item is nearing completion. A semi-final payment will be made in November.

Wastewater Special

The actual expenditure for the Wastewater Special category in the month of October is \$30,258. The budgeted amount in October is \$261,000, which creates an under-budget spending variance of \$230,742. The Upgrades to UPPS and Sat. Station line item represents the largest under-budget spending variance. There will be a payment made for this project in November.

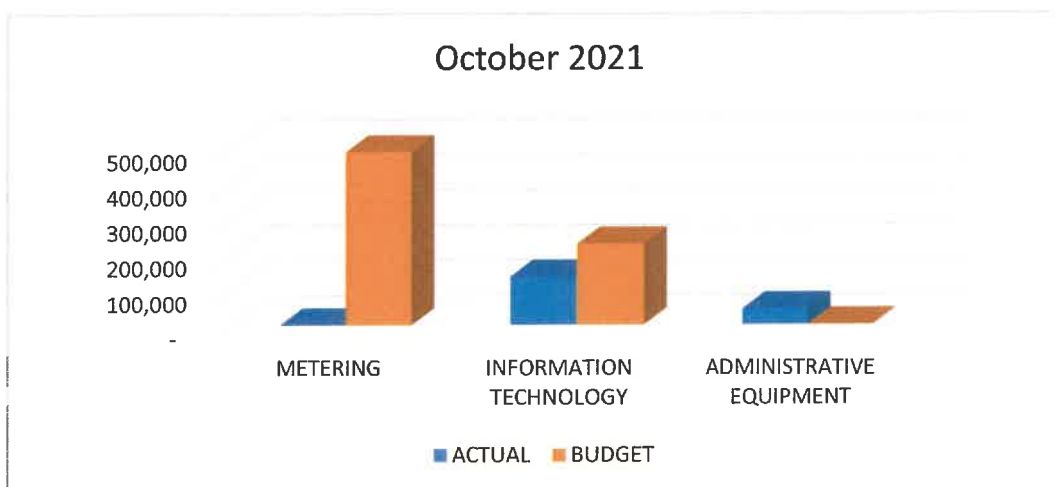
Actual expenditure in the year-to-date total in the Wastewater Special category is \$1,324,902. The budgeted amount is \$2,083,000, which creates an under-budget spending variance of \$758,098. The Upgrades to UPPS and Sat. Station line item represents the largest under-budget spending variance, as mentioned above.



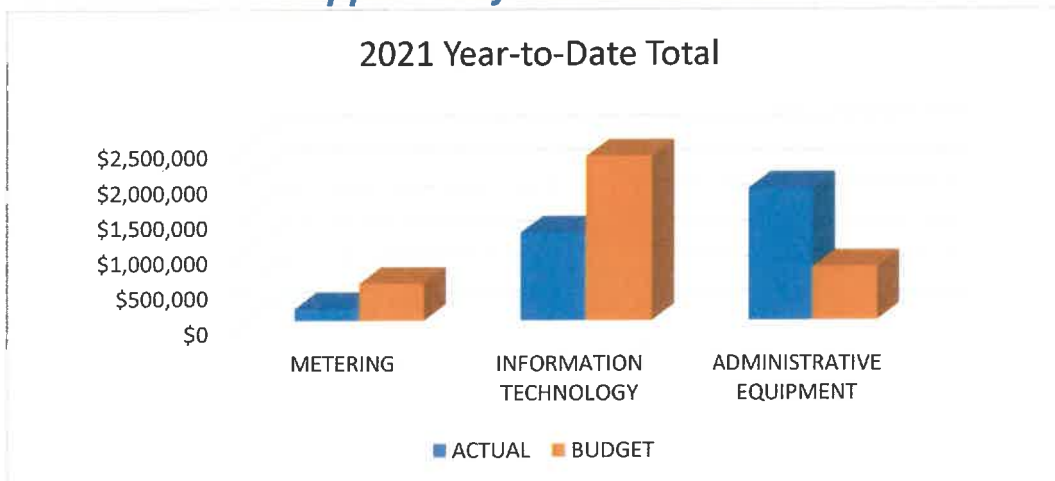
Support Projects

Actual expenditure in the Support category is \$180,817 in the month of October. The budgeted amount is \$722,000, which creates an under-budget spending variance of \$541,183. The Metering category represents the largest under-budget spending variance.

Actual expenditure in the Support category in the year-to-date total is \$3,459,308. The budgeted amount is \$4,331,000, which creates an under-budget spending variance of \$871,692. The Information Technology category represents the largest under-budget spending variance.



Support Projects Breakdown



Metering

The Metering category did not recognize an actual expenditure in the month of October. The budgeted amount for the month of October is \$492,000, which creates an under-budget



spending variance of \$492,000. The Large Meters line item represents the largest under-budget spending variance. An advertisement for the purchase of residential and large meters will be placed in November. Actual spending on meters will occur in 2022.

Actual expenditure in the year-to-date total in the Metering category is \$166,656. The budgeted amount is \$1,015,000, which creates an under-budget spending variance of \$848,344. The Residential Meters line item represents the largest under-budget spending variance. An advertisement will be placed in November for Residential Meters.

Information Technology

Actual expenditure in the Information Technology category in October is \$136,712. The budgeted amount is \$230,000, which creates an under-budget variance of \$93,288. The Server/Network Software line item represents the largest under-budget variance.

Actual expenditure in the year-to-date total in the Information Technology category is \$1,379,664. The budgeted amount is \$2,560,000, which creates an under-budget spending variance of \$1,180,336. The Server/Network Software line item represents the largest under-budget spending variance. Software upgrades have been delayed due to Covid-19 and cybersecurity issues.

Administrative Equipment

Actual expenditure in the Administrative Equipment category in October is \$44,106. No expense was budgeted in the Administration Equipment Category in October, which creates an above-budget amount of \$44,106. The Upgrades 980 Harrison Facility line item represents the largest and only above-budget spending variance. Construction has been completed on the Vehicle Wash System. The contract will be finalized in the fourth quarter of 2021. Also, an overhead lubricant distribution system was purchased in October.

Actual expenditure in the year-to-date total in the Administrative Equipment category is \$1,912,988. The budgeted amount is \$756,000, which creates an above-budget spending variance of \$1,156,988. The Upgrades 980 Harrison Facility line item represents the largest and only above-budget spending variance. The Commission hired an outside consultant as an OPM to see projects related to the rehabilitation of the Commission's Headquarters at 980 Harrison Ave.

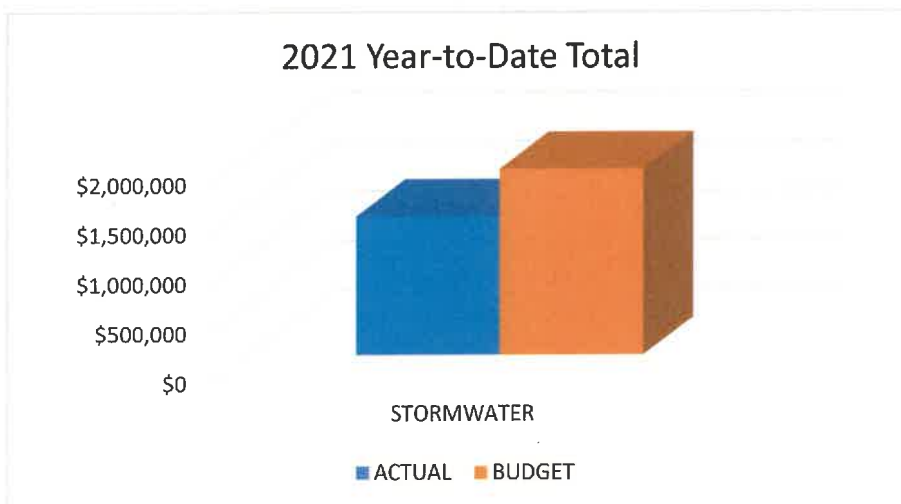
Stormwater Projects

Actual expenditure in the Stormwater category in October is \$373,664. The budgeted amount is \$173,000, which creates an above-budget variance of \$200,664. The Sampling Storm Drain Model Validation line item represents the largest under-budget variance. A significant payment was made in October.

Actual expenditure in the year-to-date total in the Stormwater category is \$1,397,918. The budgeted amount is \$1,873,000, which creates an under-budget spending variance of \$475,082. The Green Infrastructure line item represent the largest under-budget spending variance.



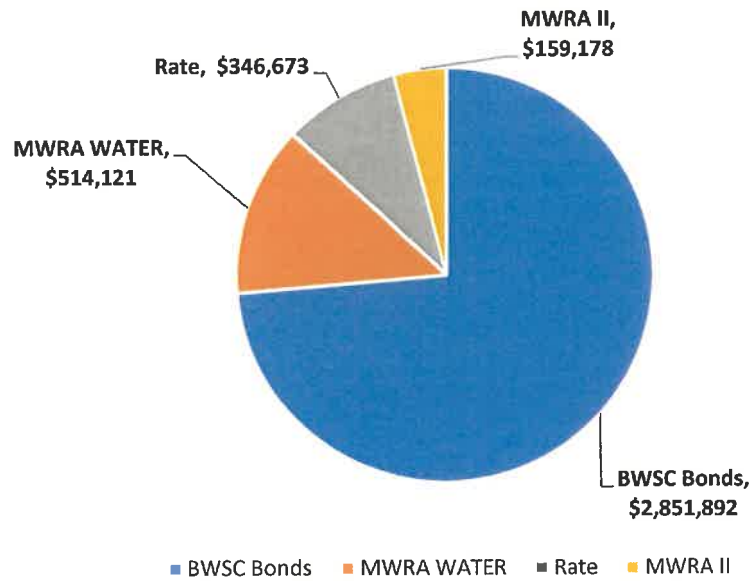
Payments regarding the Codman Square and New England Ave. projects are expected to be disbursed in the fourth quarter of 2021.



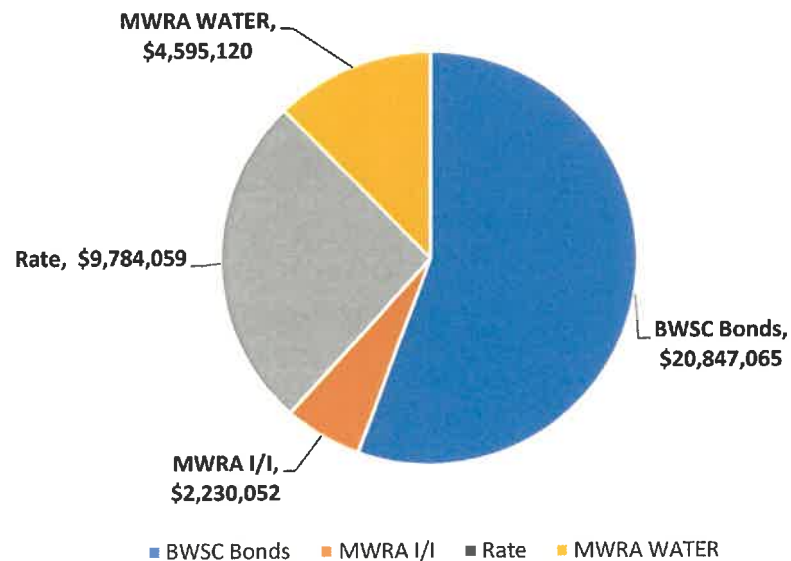


CIP Funding Charts

October 2021 Capital Improvement Program



Year-To-Date 2021 Capital Improvement Program





BOSTON WATER & SEWER COMMISSION
AS OF DATE: 2021-10-31

	CURRENT MONTH			YEAR TO DATE		
	Actuals	Budget	Variance % Variance	Actuals	Budget	Variance % Variance
Water Programs						
BWSC Bonds	1,550,296	1,930,000	379,704 19.7%	9,931,412	10,168,000	236,588 2.3%
Rate Revenue	18,246	157,000	138,754 88.4%	2,999,159	3,447,841	447,841 13.0%
Grants	-	-	- N/A	-	-	- N/A
MWRA I/I Assistance	514,121	550,000	35,879 6.5%	4,595,120	2,339,000	(2,256,120) -96.5%
MWRA Water Assistance	2,082,663	2,637,000	554,337 21.0%	17,525,691	15,954,000	(1,571,691) -9.9%
Total Water Program	1,719,152	1,991,000	271,848 13.7%	13,732,551	9,877,000	(3,855,551) -39.0%
Total Water Reline	0	0	0 N/A	0	0	0 N/A
Total Water Special	363,511	646,000	282,489 43.7%	3,793,140	6,077,000	2,283,860 37.6%
Wastewater Programs						
BWSC Bonds	747,115	908,000	160,885 17.7%	6,058,428	8,708,000	2,649,572 30.4%
Rate Revenue	328,427	398,000	69,573 17.5%	6,784,900	8,592,000	1,807,100 21.0%
Grants	-	-	- N/A	-	-	- N/A
MWRA I/I Assistance	159,178	150,000	(9,178) (6.1%)	2,230,052	3,789,000	1,558,948 41.1%
MWRA Water Assistance	-	-	- N/A	-	-	- N/A
Total Wastewater Program	1,234,719	1,456,000	221,281 15.2%	15,073,380	21,089,000	6,015,620 28.5%
Total Sewer R & R	936,212	752,000	(184,212) -24.5%	10,734,461	12,054,000	1,319,539 10.9%
Total Sewer Increased Cap	0	60,000	60,000 100.0%	0	360,000	360,000 100.0%
Total Sewer Separation	268,249	383,000	114,751 30.0%	3,014,017	6,592,000	3,577,983 54.3%
Total Sewer I/I	0	0	0 N/A	0	0	0 N/A
Total Sewer Special	30,258	261,000	230,742 88.4%	1,324,902	2,083,000	758,098 36.4%
Support Programs						
BWSC Bonds	180,817	722,000	541,183 75.0%	3,459,308	4,331,000	871,692 20.1%
Rate Revenue	-	-	- N/A	-	-	- N/A
Grants	-	-	- N/A	-	-	- N/A
MWRA I/I Assistance	-	-	- N/A	-	-	- N/A
MWRA Water Assistance	-	-	- N/A	-	-	- N/A
Total Support	180,817	722,000	541,183 75.0%	3,459,308	4,331,000	871,692 20.1%
Total Facilities	0	0	0 N/A	0	0	0 N/A
Total Metering	136,712	492,000	355,288 72.2%	1,666,656	1,015,000	651,656 64.3%
Total IT	44,106	230,000	185,894 80.8%	1,379,664	2,560,000	1,180,336 46.1%
Total Administrative Equip	0	0	0 N/A	1,912,988	756,000	(1,156,988) -153.0%
Stormwater Programs						
BWSC Bonds	373,664	173,000	(200,664) -116.0%	1,397,918	1,873,000	475,082 25.4%
Rate Revenue	-	-	- N/A	-	-	- N/A
Grants	-	-	- N/A	-	-	- N/A
MWRA I/I Assistance	-	-	- N/A	-	-	- N/A
MWRA Water Assistance	-	-	- N/A	-	-	- N/A
Total Stormwater	373,664	173,000	(200,664) -116.0%	1,397,918	1,873,000	475,082 25.4%
Total Stormwater	0	0	0 N/A	0	0	0 N/A
Total	3,871,864	4,988,000	1,116,136 22.4%	37,456,297	43,247,000	5,790,703 13.4%

BWSC BONDS	2,851,892	3,733,000	881,108 23.6%	20,847,065	25,080,000	4,232,935 16.9%
RATE REVENUE	346,673	555,000	208,327 57.5%	9,784,059	12,039,000	2,254,941 18.7%
GRANTS	159,178	150,000	(9,178) -6.1%	2,230,052	3,789,000	1,558,948 41.1%
MWRA I/I ASSISTANCE	514,121	550,000	35,879 6.5%	4,595,120	2,339,000	(2,256,120) -96.5%
MWRA WATER ASSISTANCE	3,871,864	4,988,000	1,116,136 22.4%	37,456,297	43,247,000	5,790,703 13.4%



BOSTON WATER & SEWER COMMISSION
 AS OF DATE: 2021-10-31

	CURRENT MONTH			YEAR TO DATE			
	Actuals	Budget	Variance	Actuals	Budget	Variance	% Variance
Water Relay							
BWSC Bonds	1,186,785	1,421,000	234,215	6,341,459	6,264,000	(77,459)	-1.2%
Rate Revenue	18,246	20,000	1,754	2,795,972	1,274,000	(1,521,972)	-119.5%
Grants	-	-	-	-	-	-	N/A
MWRA I/I Assistance	-	-	-	-	-	-	N/A
MWRA Assistance	514,121	550,000	35,879	4,595,120	2,339,000	(2,256,120)	-96.5%
Total Water Relay	1,719,152	1,991,000	271,848	13,732,551	9,877,000	(3,855,551)	-39.0%
Water Special							
BWSC Bonds	363,511	509,000	145,489	3,589,953	3,904,000	314,047	8.0%
Rate Revenue	-	137,000	137,000	203,187	2,173,000	1,969,813	90.6%
Grants	-	-	-	-	-	-	N/A
MWRA I/I Assistance	-	-	-	-	-	-	N/A
MWRA Water Assistance	-	-	-	-	-	-	N/A
Total Water Special	363,511	646,000	282,489	3,793,140	6,077,000	2,283,860	37.6%
TOTAL FOR WATER	\$ 2,082,663	\$ 2,637,000	\$ 554,337	\$ 17,525,691	\$ 15,954,000	\$ (1,571,691)	-9.9%

BWSC BONDS	1,550,296	1,930,000	379,704	9,931,412	10,168,000	236,588	2.3%
RATE REVENUE	18,246	157,000	138,754	2,999,159	3,447,000	447,841	13.0%
GRANTS	-	-	-	-	-	-	N/A
MWRA I/I ASSISTANCE	-	-	-	-	-	-	N/A
MWRA WATER ASSISTANCE	237,956	420,000	182,044	3,671,314	1,719,000	(1,952,314)	-113.6%
	1,806,498	2,507,000	700,502	16,601,885	15,334,000	(1,267,885)	-8.3%



BOSTON WATER & SEWER COMMISSION

AS OF DATE: 2021-10-31

	CURRENT MONTH				YEAR TO DATE			
	Actuals	Budget	Variance	% Variance	Actuals	Budget	Variance	% Variance
Renewal & Replacement								
BWSC Bonds	658,631	494,000	(164,631)	-33.3%	4,366,139	3,902,000	(464,139)	-11.9%
Rate Revenue	277,582	258,000	(19,582)	-7.6%	6,368,442	7,307,000	938,558	12.8%
Grants	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I Assistance	-	-	-	N/A	(120.00)	845,000.00	845,120.00	100.0%
MWRA Water Assistance	-	-	-	N/A	-	-	-	N/A
Total Renewal & Replacement	936,212	752,000	(184,212)	-24.5%	10,734,461	12,054,000	1,319,539	10.9%
Increased Capacity								
BWSC Bonds	-	60,000	60,000	100%	-	360,000	360,000	100.0%
Rate Revenue	-	-	-	N/A	-	-	-	N/A
Grant	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I Assistance	-	-	-	N/A	-	-	-	N/A
MWRA Water Assistance	-	-	-	N/A	-	-	-	N/A
Total Increased Capacity	0	60,000	60,000	100.0%	0	360,000	360,000	100.0%



Total CIP Wastewater Variances
 BWSBD058_TOTAL_WASTE_REALL

BOSTON WATER & SEWER COMMISSION

AS OF DATE: 2021-10-31

	CURRENT MONTH				YEAR TO DATE			
	Actuals	Budget	Variance	% Variance	Actuals	Budget	Variance	% Variance
Separation								
BWSC Bonds	58,226	133,000	74,774	56.2%	422,554	2,523,000	2,100,446	83.3%
Rate Revenue	50,845	100,000	49,155	49.2%	361,290	1,125,000	763,710	67.9%
Grant	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I Assistance	159,178	150,000	(9,178)	(0)	2,230,172	2,944,000	713,828	24.2%
MWRA Water Assistance	-	-	-	N/A	-	-	-	N/A
Total Separation	268,249	383,000	114,751	30.0%	3,014,017	6,592,000	3,577,983	54.3%
Sewer Special								
BWSC Bonds	30,258	221,000	190,742	86.3%	1,269,734	1,923,000	653,266	34.0%
Rate Revenue	-	40,000	40,000	1	55,168	160,000	104,832	65.5%
Grant	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I Assistance	-	-	-	N/A	-	-	-	N/A
MWRA Water Assistance	-	-	-	N/A	-	-	-	N/A
Total Sewer Special	30,258	261,000	230,742	88.4%	1,324,902	2,083,000	758,098	36.4%
TOTAL SEWER	\$ 1,234,719	\$ 1,456,000	\$ 221,281	15.2%	\$ 15,073,380	\$ 21,089,000	\$ 6,015,620	28.5%

BWSC BONDS	747,115	908,000	160,885	17.7%	6,058,428	8,708,000	2,649,572	30.4%
RATE REVENUE	328,427	398,000	69,573	17.5%	6,784,900	8,592,000	1,807,100	21.0%
GRANTS	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I ASSISTANCE	159,178	150,000	(9,178)	N/A	2,230,052	3,789,000	1,558,948	41.1%
MWRA ASSISTANCE	-	-	-	N/A	-	-	-	N/A
TOTAL	1,234,719	1,456,000	221,281	15.2%	15,073,380	21,089,000	6,015,620	28.5%



BOSTON WATER & SEWER COMMISSION

AS OF DATE: 2021-10-31

	CURRENT MONTH			YEAR TO DATE			
	Actuals	Budget	Variance	Actuals	Budget	Variance	% Variance
Metering							
BWSC Bonds	-	492,000	492,000	166,656	1,015,000	848,344	83.6%
Rate Revenue	-	-	-	-	-	-	N/A
Grants	-	-	-	-	-	-	N/A
MWRA I/I Assistance	-	-	-	-	-	-	N/A
MWRA Water Assistance	-	-	-	-	-	-	N/A
Total Metering	-	492,000	492,000	166,656	1,015,000	848,344	83.6%
Information Technology							
BWSC Bonds	136,712	230,000	93,288	1,379,664	2,560,000	1,180,336	46.1%
Rate Revenue	-	-	-	-	-	-	N/A
Grants	-	-	-	-	-	-	N/A
MWRA I/I Assistance	-	-	-	-	-	-	N/A
MWRA Water Assistance	-	-	-	-	-	-	N/A
Total IT	136,712	230,000	93,288	1,379,664	2,560,000	1,180,336	46.1%
Administrative Equipment							
BWSC Bonds	44,106	-	(44,106)	1,912,988	756,000	(1,156,988)	-153.0%
Rate Revenue	-	-	-	-	-	-	N/A
Grants	-	-	-	-	-	-	N/A
MWRA I/I Assistance	-	-	-	-	-	-	N/A
MWRA Water Assistance	-	-	-	-	-	-	N/A
Total Administrative Equipment	44,106	-	(44,106)	1,912,988	756,000	(1,156,988)	-153.0%
BWSC BONDS	180,817	722,000	541,183	3,459,308	4,331,000	871,692	20.1%
RATE REVENUE	-	-	-	-	-	-	N/A
GRANTS	-	-	-	-	-	-	N/A
MWRA I/I ASSISTANCE	-	-	-	-	-	-	N/A
MWRA ASSISTANCE	-	-	-	-	-	-	N/A
Total	180,817	722,000	541,183	3,459,308	4,331,000	871,692	20.1%



Stormwater Totals
 BWSBD060_TOTAL_STORMWATER_REALL

BOSTON WATER & SEWER COMMISSION

AS OF DATE: 2021-10-31

	CURRENT MONTH			YEAR TO DATE				
	Actuals	Budget	Variance	% Variance	Actuals	Budget	Variance	% Variance
Stormwater								
BWSC Bonds	373,664	173,000	(200,664)	-116.0%	1,397,918	1,873,000	475,082	25.4%
Rate Revenue	-	-	-	N/A	-	-	-	N/A
Grants	-	-	-	N/A	-	-	-	N/A
MCWT	-	-	-	N/A	-	-	-	N/A
MWRA I/I Assistance	-	-	-	N/A	-	-	-	N/A
MWRA Water Assistance	-	-	-	N/A	-	-	-	N/A
Total Stormwater	373,664	173,000	(200,664)	-116.0%	1,397,918	1,873,000	475,082	25.4%

**Boston Water and
Sewer Commission**

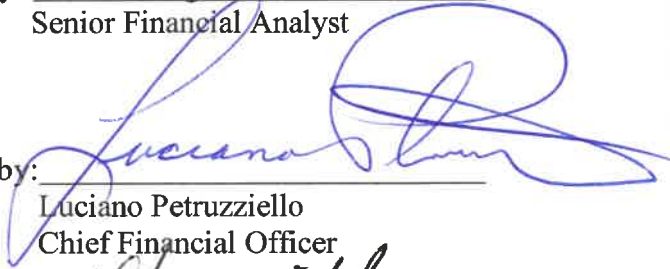


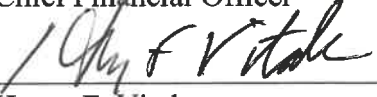
980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: October 2021 Monthly Management Report

Purpose: Information
 Vote

Prepared by: Darren Coughlin
Senior Financial Analyst

Reviewed by: 
Luciano Petruzzello
Chief Financial Officer

Approved by: 
Henry F. Vitale
Executive Director and Treasurer

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation: For information only.

Discussion/Alternative: The October 2021 Monthly Management Report is presented for your review.

Budget/Fiscal Impact: N/A

Attachments:

MONTHLY MANAGEMENT REPORT

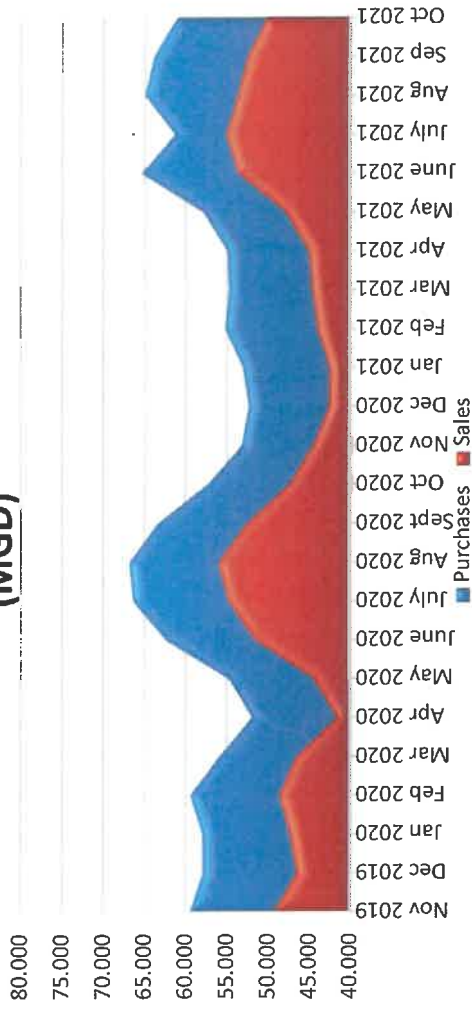
October 2021

FINANCIALS UPDATE PURCHASES/SALES

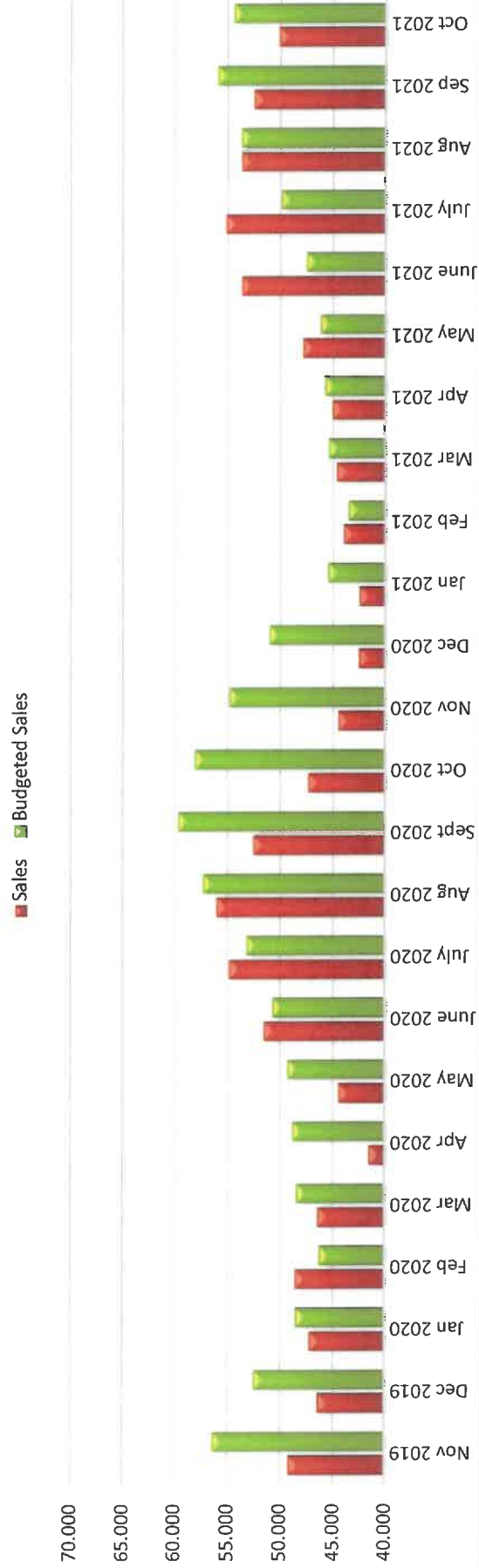
FINANCIALS Water Purchases & Sales

	Oct-21	Sep-21	% Change	2021 YTD
Purchases (MGD)	60.985	63.846	-4.5%	59.172
AMR Sales (MGD)	50.184	52.534	-4.5%	48.945
Unbilled Amount	10.801	11.312	-4.5%	10.227
Unbilled %	17.71%	17.72%	0.0%	17.28%
				Year End 2020
				17.49%
				Year End 2019
				17.72%

WATER PURCHASES VS. SALES (MGD)



BUDGETED VS. ACTUAL SALES (MGD)



FINANCIALS

Unaccounted-for Water

Oct-21
MGD % of Purchase

Purchases and Sales

Purchases	60.985
Sales (Automatic Meter Reading)	50.184
Purchases - Sales	10.801 17.71%
Other Billed Consumption	
Hydrant Permits	0.136
Street Sweepers	0.030
Other Billed Consumption:	0.166
Non-Revenue Consumption	10.635 17.44%

Accounted-for Non-Revenue Consumption

Flushing

Water & Sewer Cleaning	0.005
Construction Flushing	0.250
Flushing Program	0.051
Operations Flush (Dirty Water)	0.037
Flushing:	0.343

Breaks and Leaks

Unavoidable Leakage	1.565
Main Breaks	0.092
Breaks and Leaks:	1.657

Fire Protection

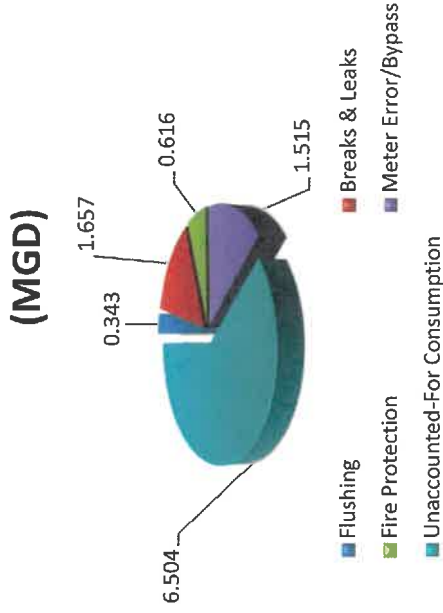
Fire Fighting	0.610
Fire Flow & Loss of Head Tests	0.002
Fire Pump Tests	0.004
Fire Protection:	0.616

Other

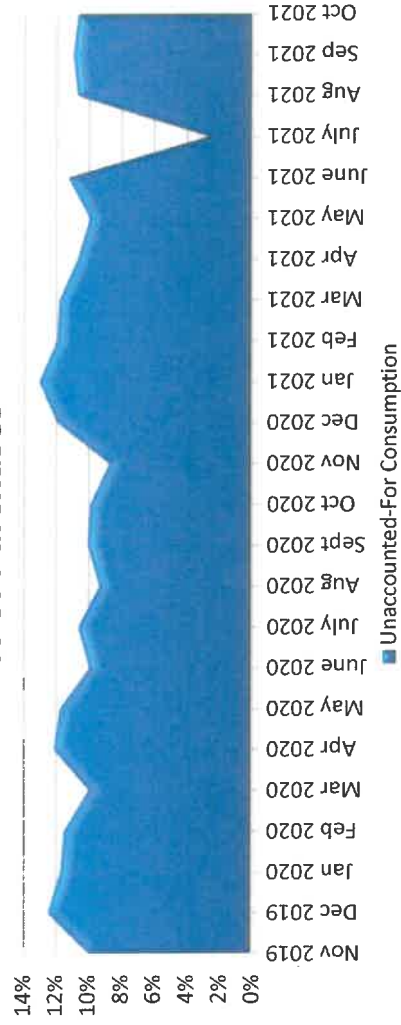
Meter Error	1.506
Meter Bypass	0.010
Other:	1.515
Accounted-for Non-Revenue Consumption	4.131

Unaccounted-For Consumption 6.504 10.67%

UNBILLED WATER CONSUMPTION (MGD)



UNACCOUNTED-FOR CONSUMPTION % of Purchases



FINANCIALS UPDATE - RECEIVABLE/TAX TITLE/BILLING

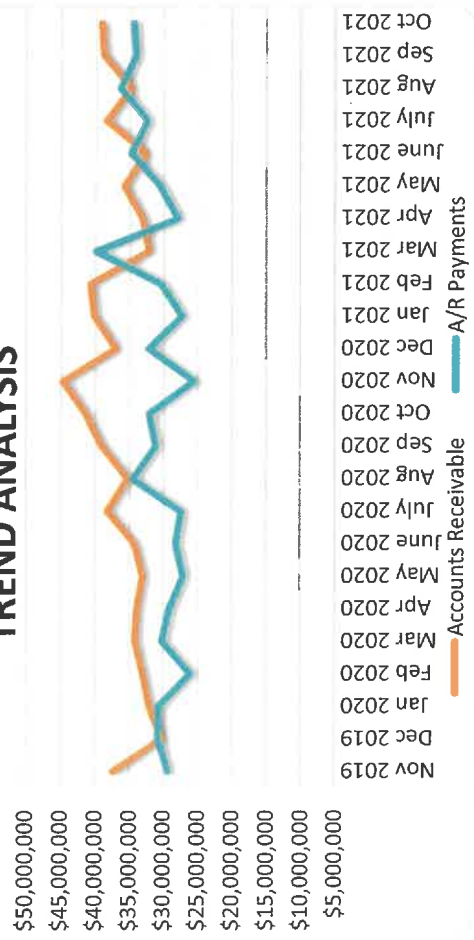
FINANCIALS Accounts Receivable

FINANCIALS Tax Title

	Oct-21	Sep-21	% Change	Oct-21	Sep-21	% Change	2021 YTD
0 to 30 days (current)	\$24,046,806	\$25,336,501	-5.1%	\$362,612	\$375,156	-3.3%	\$362,612
31+ days (delinquent)	\$15,088,405	\$13,463,299	12.1%	72	76	-5.3%	72
Amount Outstanding	\$39,135,212	\$38,799,800	0.9%	\$0	\$0	0.0%	\$0
% Delinquent	38.6%	34.7%					
Total # Accounts	88,714	88,713	0.0%	Amount Outstanding # Accounts			
Total # Delinquent	15,053	14,406	4.5%				
% Delinquent	17.0%	16.2%					
A/R Payments	\$34,386,818	\$34,046,658	1.0%	Tax Title Payments	\$16,543	\$2,465	\$113,496
				Transferred from A/R # Accounts	0	0	0

FINANCIALS Billing Activity

TREND ANALYSIS

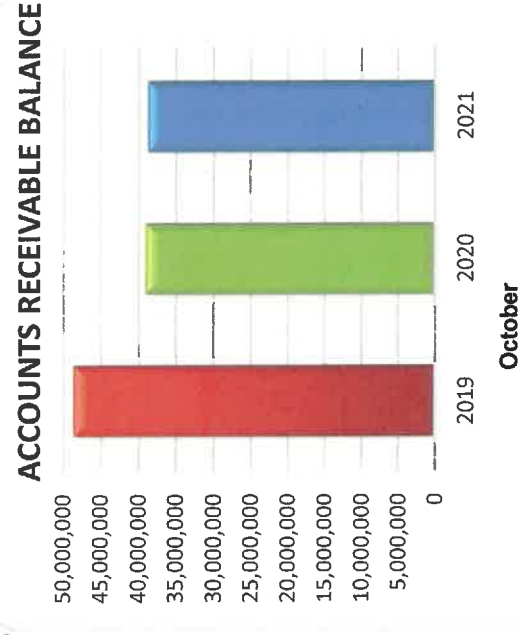


FINANCIALS UPDATE - ACCOUNTS RECEIVABLE

FINANCIALS

Accounts Receivable Comparison

	2019	2020	2021	2020 - 2021 % Change
January	\$22,158,757	\$32,057,107	\$40,164,804	25.3%
February	\$26,521,835	\$33,026,266	\$40,721,618	23.3%
March	\$23,600,771	\$34,166,349	\$32,128,132	-6.0%
April	\$22,086,076	\$33,914,795	\$33,104,789	-2.4%
May	\$21,094,849	\$33,045,140	\$35,788,981	8.3%
June	\$25,262,507	\$34,296,209	\$32,599,554	-4.9%
July	\$22,128,690	\$38,302,945	\$38,426,295	0.3%
August	\$26,870,158	\$35,293,227	\$34,786,020	-1.4%
September	\$48,719,979	\$39,088,438	\$38,799,800	-0.7%
October	\$31,585,772	\$41,425,253	\$39,135,212	-5.5%
November	\$37,358,610	\$44,717,797		
December	\$30,188,766	\$37,015,075		

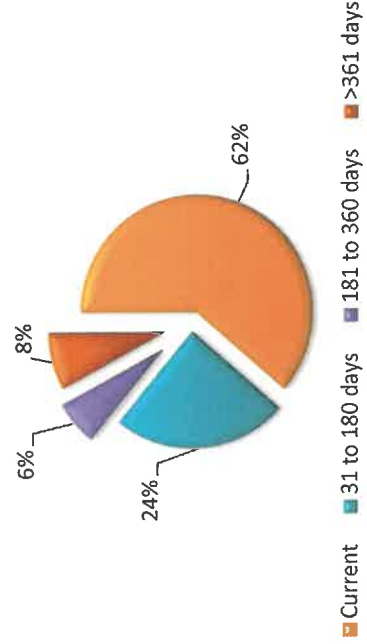


FINANCIALS

Aged Receivables

	Oct-21	Sep-21	% Change
0 to 30 days	\$24,046,806.37	\$25,336,500.68	-5.1%
31 to 60 days	\$5,635,150.26	\$3,967,168.62	42.0%
61 to 90 days	\$1,724,735.82	\$1,550,149.08	11.3%
91 to 180 days	\$2,192,207.09	\$2,054,367.64	6.7%
181 to 270 days	\$1,479,255.63	\$1,586,949.73	-6.8%
271 to 360 days	\$951,486.70	\$1,003,764.52	-5.2%
361 to 450 days	\$691,132.18	\$753,064.15	-8.2%
451 to 540 days	\$530,070.87	\$544,104.92	-2.6%
541 to 630 days	\$415,874.31	\$505,709.82	-17.8%
631 to 720 days	\$244,124.13	\$226,394.74	7.8%
721 to 810 days	\$292,176.74	\$264,496.08	10.5%
811 to 900 days	\$97,638.88	\$175,744.75	-44.4%
901 to 990 days	\$112,461.90	\$109,225.16	3.0%
991 to 1080 days	\$57,732.84	\$66,667.01	-13.4%
> 1,080 days	\$664,357.97	\$655,492.60	1.4%

AGED RECEIVABLES



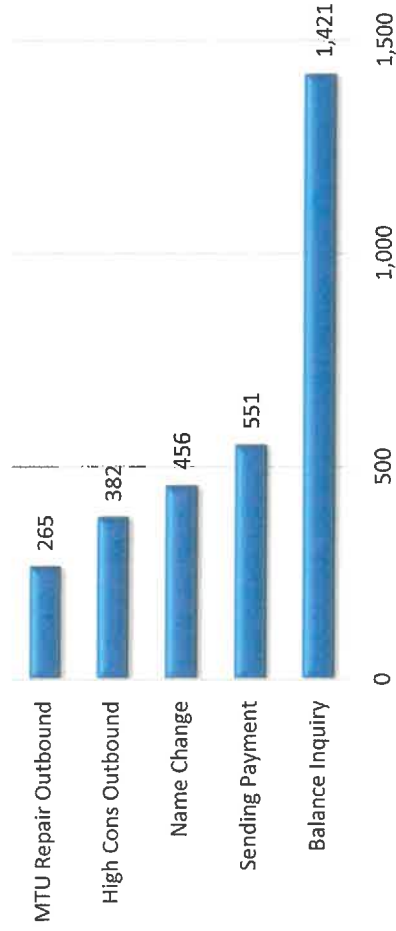
CUSTOMER SERVICE

CUSTOMER CONTACT

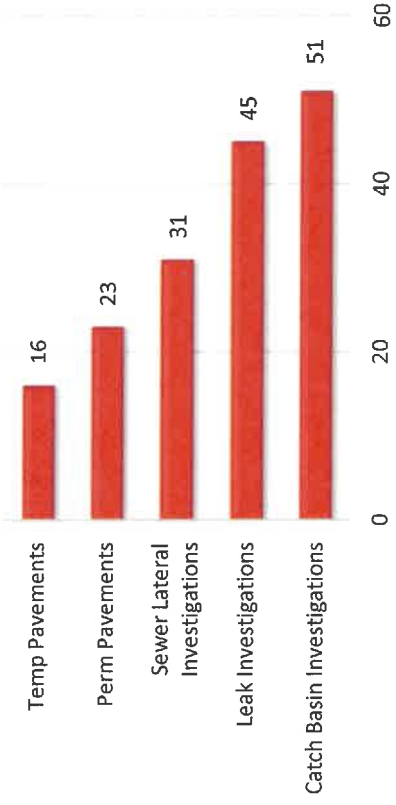
Telephone

	-- CUSTOMER SERVICE --			-- COLLECTIONS --			-- OPERATIONS --					
	Oct-21	Oct-20	% Change	2021 YTD	Oct-21	Oct-20	% Change	2021 YTD	Oct-21	Oct-20	% Change	2021 YTD
Calls In	4,205	4,757	-11.6%	49,366	846	156	442.3%	6,910	2,744	2,142	28.1%	28,057
Calls Answered	4,115	4,627	-11.1%	47,855	830	148	460.8%	6,717	2,603	2,067	25.9%	26,780
Calls Abandoned	90	130	-30.8%	1,511	16	8	100.0%	193	141	75	88.0%	1,277
Abandoned %	2.1%	2.7%		3.1%	1.9%	5.1%		2.8%	5.1%	3.5%		4.6%
				2021 Goal				2.25%				2.25%

TOP 5 INQUIRIES & CONCERNS (Account Services)



TOP 5 SERVICE ACTIVITIES (Operations)



CUSTOMER CONTACT

CUSTOMER CONTACT Office Visits

	Oct-21	Oct-20	% Change	2021 YTD
Collections	12	0	100.0%	22
Customer Service	11	1	1000.0%	26
Engineering	0	0	0.0%	0

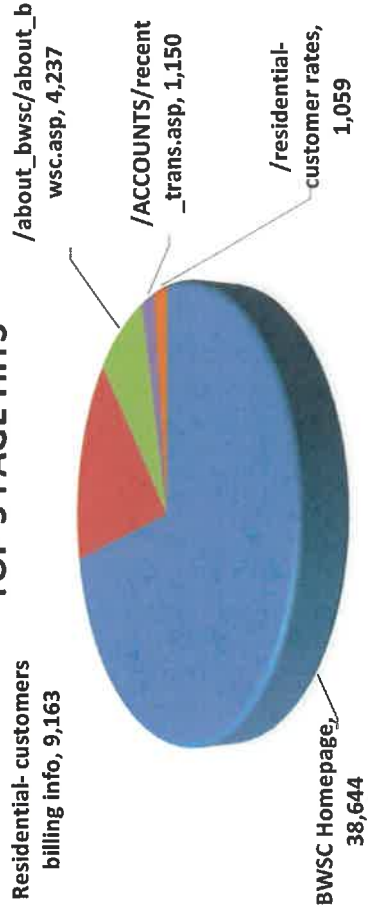
CUSTOMER CONTACT Neighborhood Site Visits

	Oct-21	Oct-20	% Change	2021 YTD
Held	0	0	-100.0%	0
# Customers	0	0	-100.0%	0
Amount Collected	\$0	\$0	-100.0%	\$0

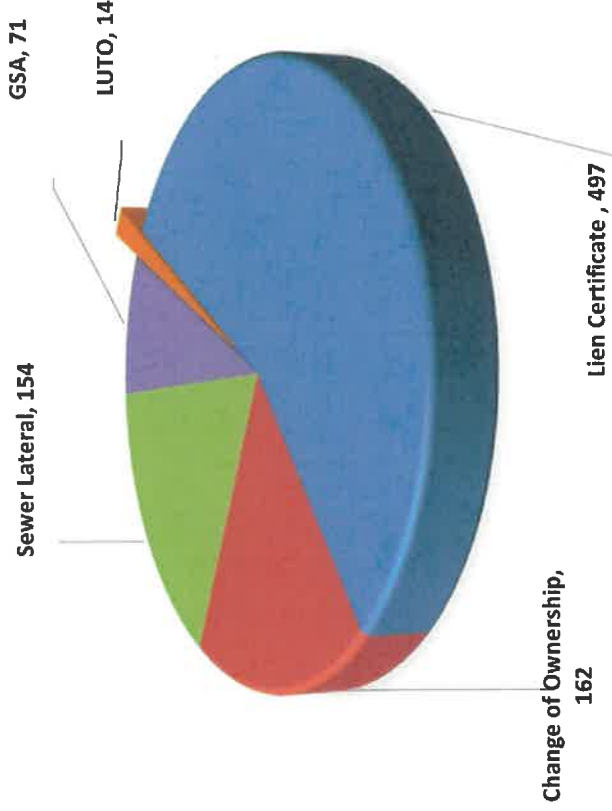
CUSTOMER CONTACT Website

	Oct-21	Oct-20	% Change	Total Current
Website Visits	49,216	48,364	1.8%	38,945
*CSS Customer Registrations	642	685		10,697
*Cust. E-Bill Registrations	230	210		12,982
*Cust. Autopay Registrations	621	347		

TOP 5 PAGE HITS



TOP 5 WEB DOWNLOAD REQUESTS



FIELD ACTIVITY

FIELD ACTIVITY Permits Issued

	Oct-21	Oct-20	% Change	2021 YTD
--	--------	--------	----------	----------

Engineering	37	21	76.2%	174
Operations	36	33	9.1%	375
General Service	106	110	-3.6%	939

FIELD ACTIVITY Investigations

	Oct-21	Oct-20	% Change	2021 YTD
--	--------	--------	----------	----------

Hydrant	295	498	-40.8%	1,087
Hydrant Illegal Opening	0	0	0.0%	8
Leak	45	43	4.7%	538
Service Pipe	11	5	120.0%	90
Frozen Pipe	0	0	0.0%	30
Water Entering	9	17	-47.1%	216
Lead	19	7	171.4%	357
Rusty Water	20	12	66.7%	187
Leak Up To Owner (LUTO)	13	5	160.0%	68
Catch Basin	51	34	50.0%	526
Sewer/Drain	323	245	31.8%	3,028
CSO Regulator	76	76	0.0%	839
Tidegate	58	76	-23.7%	657
Backflow Device	1,623	1,660	-2.2%	18,870
Hazardous & Oil Spill	0	0	100.0%	7
Illegal Connection	1	0	0.0%	6
SSO's Reported to DEP	4	1	300.0%	68

FIELD ACTIVITY Maintenance & Repairs

	Oct-21	Oct-20	% Change	2021 YTD
--	--------	--------	----------	----------

Water Main Breaks	1	1	0.0%	19
Sewer Main Repair	7	6	16.7%	56
Main Pipe Flush (miles)	26.39	21.68	21.7%	218.41
Hydrant Repair	35	37	-5.4%	275
Hydrant Replace	5	4	25.0%	32
Hydrant Painted	324	544	-40.4%	2417
Hydrant Flush	133	14	850.0%	541
Frame Reset Water	2	7	-71.4%	27
Frame Reset Sewer	21	30	-30.0%	375
Trench Temporary Pavement	16	18	-11.1%	82
Trench Permanent Pavement	23	11	109.1%	130
Control Located	2	5	-60.0%	57
Control Reset	7	4	75.0%	63
Vactored Meter Box	2	1	100.0%	7
Vactored Gate Box	7	13	-46.2%	71
Excavation	74	59	25.4%	880
Cement Sidewalk	34	63	-46.0%	409
Valve Repack	1	0	100.0%	6
Service Pipe Repair	5	6	-16.7%	61
Service Pipe Relay	5	0	100.0%	68
LUTO Repair	11	6	83.3%	63
Exercise/Survey Gate	9	9	0.0%	236
Plate Handling	0	8	-100.0%	43
Utility Mark Out	162	195	-16.9%	1637
Catch Basin Clean	2,068	2,406	-14.0%	18,258
Lines Jetted/Vactored (ft.)	31,064	29,644	4.8%	328,286
Lines Rodded (ft.)	0	0	100.0%	0
Bacteria Treatment	83	84	-1.2%	1004
Waste Sediment Disposed/Recycled (ton)	328	239	37.28%	3,204
Gallons Pumped Union Park (million)	4.40	1.68	161.9%	71.48

PROGRAMS

PROGRAM Sewer Lateral

	Oct-21	Sep-21	% Change	2021 YTD
Investigated	31	24	29.2%	329
Reimbursed	17	18	-5.6%	216
Amount Reimbursed	\$49,723	\$72,000	-30.9%	\$840,323
Average Reimbursement	\$2,925	\$4,000	-26.9%	\$3,890

PROGRAM Sewer Abatement

	Oct-21	Sep-21	% Change	2021 YTD
Approved New Applications	1	2	-50.0%	29
Reimbursed	1,007	1,010	-0.3%	9,814
Amount Reimbursed	\$1,683,420	\$2,131,671	-21.0%	\$9,973,355
Average Reimbursement	\$1,672	\$2,111	-20.8%	\$1,016

PROGRAM Lead Replacement

	Oct-21	Sep-21	% Change	2021 YTD
Suspected Lead Services	3,210	3,217	-0.2%	3,210
Initial Notification Letter	0	0	0.0%	0
Second Notification Letter	0	0	0.0%	0
Third Notification Letter	0	0	0.0%	0
Fourth Notification Letter	0	0	0.0%	0
Calls Received	153	28	446.4%	543
Applications Received	0	0	0.0%	0
Investigations	33	31	6.5%	556
Replacements	26	51	-49.0%	333

PROGRAM Downspout Disconnection

	Oct-21	Sep-21	% Change	2021 YTD
Disconnected from Sewer	0	0	-100.0%	20

PROGRAM Illegal Connection Remediation

	Oct-21	Sep-21	% Change	2021 YTD
# Illegal Connections Identified	6	0	0.0%	9
Disconnected from Storm Drain	1	0	100.0%	6
Sewerage Removal (gallons)	42	0	100.0%	1,841

PROGRAMS

PROGRAM Shut Off Due To Non-Payment

	Oct-21	Sep-21	Change	%	2021 YTD
Scheduled	0	364	-100.0%		592
Posted	135	218	-38.1%		483
Shut Off	47	33	42.4%		80
Restored	40	30	33.3%		70
Amount Collected	\$857,621	\$1,070,761			\$2,192,837

PROGRAM Small Claims Court

	Oct-21	Sep-21	Change	%	2021 YTD
Initiated	100	100	0.0%		585
Claim Amount	\$169,929	\$174,993	-2.9%		\$1,035,406
Settled	32	29	10.3%		157
Amount Collected	\$165,290	\$143,620	15.1%		\$770,547

COMMUNITY RELATIONS Site Visits

	Location	Dates
Brighton*	ABFSC	
Chinatown	CCBA	
Dorchester	Uphams Corner Municipal	
East Boston	APAC	
Fields Corner	Kit Clark Senior Center	
Hyde Park	Municipal Building	
Jamaica Plain	Curtis Hall	
Mattapan	Public Library	
North End	Public Library	
Roslindale	Medical & Dental Center	
South Boston	APAC	
West Roxbury	Roche Center	

COMMUNITY RELATIONS Highlights

BWSC Private Lead Replacement Program. The Communications team finalized and submitted an ad to be featured in the Boston Celtics 2021-2022 yearbook promoting the Lead Replacement Program. The year books sold as hard copies and downloadable from the Celtics website, have a potential audience of hundreds of thousands. Lead Incentive Replacement Program letters went out in the mail to the remaining 3,000 plus customers who we know have a lead service. The letter outlines a grant of up to \$4,000 and how to arrange a lead inspection.

Communications Staff updated the public directly with messaging on the major Nor'easter last month via mailchimp, social media and in person FOX25 news interview. Storm preparedness outreach informed residents in low lying areas of potential flooding and a reminder to clear catch basins of leaves and debris. In addition, a banner was posted on our website with a link to the catch basin locator map. Staff interviewed with FOX 25 notifying the public about clearing catch basins and BWSC's storm preparedness plan. This month's educational outreach program resulted in school presentations to 130 students in the West Roxbury and Dorchester neighborhoods promoting environmental awareness. Staff presented at St. Theresa's school in collaboration with operations personnel showcasing some of BWSC's Fleet providing a show and tell with some of the equipment. Staff attended two community events with the water trailer at the annual Roslindale parade and Save the Bay/Save the Harbor Festival in East Boston. Both events were well attended, staff disseminated environmental pamphlets and BWSC brochures including information on the Lead Replacement Program and grease lids. Staff continues to participate and represent the Commission at several events and virtual meetings including the Neponset Stormwater Partnership, Wastewater Advisory Committee and the Water Supply Citizens Advisory Committee of the MWRA.

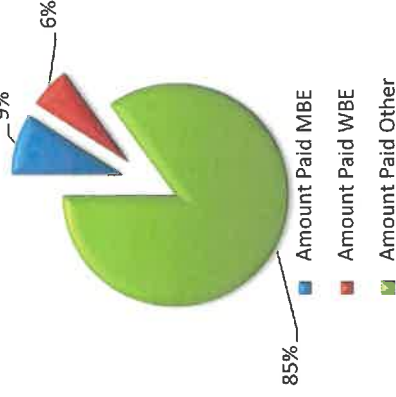


*ABFSC = Allston Brighton Family Service Center
No Site Visits were scheduled for the month of October due to COVID-19.

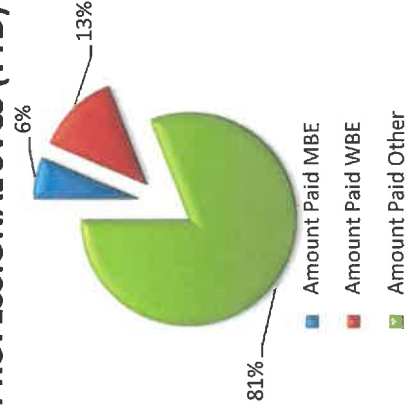
CONTRACTS Minority & Women Business Enterprises

	Oct-21	Sep-21	% Change	2021 YTD	%	2021 Goal
CONSTRUCTION						
Value of Open Contracts	\$42,841,977	\$27,105,278				
Total Amount Paid	\$6,116,353	\$2,007,061	204.7%	\$30,744,545		
Amount Paid to MBE	\$592,418	\$98,806	499.6%	\$2,770,050	9.0%	9.0%
Amount Paid to WBE	\$386,370	\$18,045	2041.2%	\$1,876,242	6.1%	6.0%
PROFESSIONAL SERVICES						
Value of Open Contracts	\$29,549,914	\$11,310,644				
Total Amount Paid	\$578,286	\$176,312	228.0%	\$4,652,790		
Amount Paid to MBE	\$6,112	\$34,073	-82.1%	\$299,428	6.4%	15.0%
Amount Paid to WBE	\$90,079	\$10,448	762.2%	\$588,982	12.7%	6.0%
OPERATIONS (EXEMPT)						
Value of Open Contracts	Exempt	Exempt		Exempt		
Total Amount Paid	\$0	\$299,680	-100.0%	\$1,614,026		
Amount Paid to MBE	Exempt	Exempt		Exempt		
Amount Paid to WBE	\$0	\$299,680	-100.0%	\$1,614,027		
GOODS & NON-PROFESSIONAL SERVICES						
Total P.O.'s Issued	\$472,284	\$761,573	-38.0%	\$15,108,291		
Amount P.O.'s issued to MBE	\$34,074	\$23,704	43.7%	\$190,553		
Amount P.O.'s issued to WBE	\$1,156	\$16,822	-93.1%	\$227,877		

CONSTRUCTION (YTD)



PROFESSIONAL SVCS (YTD)



EMPLOYMENT

EMPLOYMENT STATISTICS

Oct-21

	Budgeted Positions	Filled Positions	% Filled	# Women	% Women	# Minority	% Minority	Vacant Positions	% Vacant	Coops & Interns
Executive	38	35	92.1%	22	62.9%	19	54.3%	3	7.9%	0
Administration	122	98	80.3%	34	34.7%	40	40.8%	24	19.7%	0
Finance	53	46	86.8%	24	52.2%	22	47.8%	7	13.2%	0
Engineering	83	75	90.4%	16	21.3%	23	30.7%	8	9.6%	5
Operations	206	174	84.5%	15	8.6%	87	50.0%	32	15.5%	0
Total	502	428	85.3%	111	25.9%	191	44.6%	74	14.7%	5

2021 Goal

25%

2021 Goal

28%

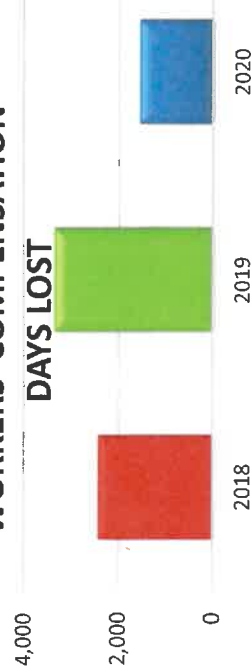
EMPLOYMENT STATISTICS

Workers' Compensation

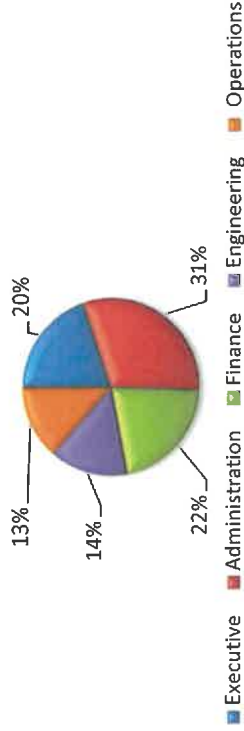
	Oct-21	Sep-21	% Change	2021 YTD
Incidents Reported	7	2	71.4%	33
Claims Filed	3	1	66.7%	18
Days Lost	134	156	-16.4%	1,016

WORKERS' COMPENSATION

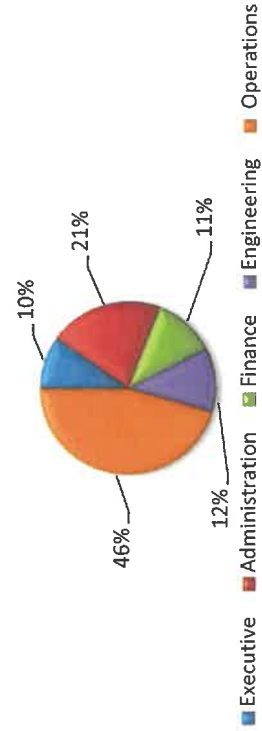
DAYS LOST



TOTAL EMPLOYEE DISTRIBUTION - WOMEN



TOTAL EMPLOYEE DISTRIBUTION - MINORITY



**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director & Treasurer
Date: November 30, 2021
Re: October 2021 Revenue and Expense Analysis

Purpose: Information
 Vote

Prepared by: Darren Coughlin
Senior Financial Analyst

Prepared by: Duy Nguyen
Staff Accountant

Reviewed by: Luciano Petruzziello
Luciano Petruzziello
Chief Financial Officer

Approved by: Henry F. Vitale
Henry F. Vitale
Executive Director & Treasurer

**THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT**

**NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A**

Recommendation:

For information only:

Discussion / Alternative:

Financial results for October 2021 show a Net Operating Gain of \$3,780,662 and Year-to-date Net Operating Gain of \$9,287,726.

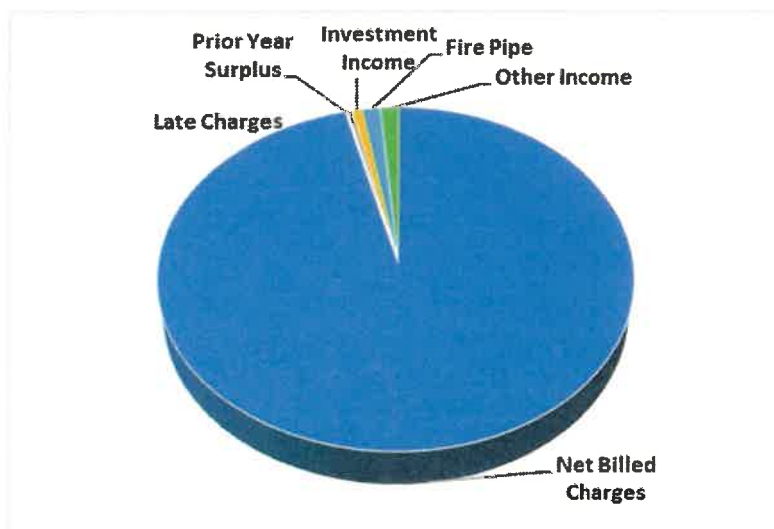
Total Monthly Revenue is \$37,421,647 and Total Operating Expense is \$33,640,985. Year-to-date Revenue is \$333,474,391 and Year-to-date Total Operating Expense is \$324,186,666, resulting in the Year-to-date Surplus of \$9,287,726.



(In Millions)					
	FY21 Actual YTD	FY21 Budget YTD	\$ Variance	% Variance	
MWRA Assessment	\$202.9	\$206.2	\$3.3	1.6%	
Capital Improvement	\$5.4	\$13.0	\$7.6	58.6%	
Debt Service	\$45.4	\$46.8	\$1.4	2.9%	
Contractual Funding Obligations	\$8.2	\$4.3	-\$3.9	-90.7%	
SDWA Assessment	\$0.2	\$0.2	\$0.0	0.0%	
Total Indirect Expenses	\$262.1	\$270.5	\$8.4	3.1%	
Direct Expenses	\$62.1	\$66.8	\$4.7	7.1%	
Indirect Expenses	\$262.1	\$270.6	\$8.5	3.1%	
Total Operating Expenses	\$324.2	\$337.4	\$13.2	3.9%	

Revenue

Net Billed Charges	\$320,159,883
Prior Year Surplus	\$360,950
Late Charges	\$1,661,766
Investment Income	\$1,578,380
Fire Pipe	\$4,339,732
Other Income	\$5,373,680
Total Revenue	\$333,474,391



Water and Sewer Revenue

Water and Sewer Revenue for October is \$37,990,462 which is above budget by \$77,263 or 0.2% in which Water Revenues represent 43% and Sewer Revenues 57%. The favorable variance for the month is the result of higher than budgeted revenues in both Water Consumption and Sewer Consumption. The actual water sales for October are 54.47 MGD, which is higher than forecast by 0.05 MGD or 0.1%.

Year-to-date Water and Sewer Revenue is \$332,606,456 which is below budget by \$924,131 or 0.3%. The unfavorable variance is due to lower than budgeted revenues in both Water Consumption and Sewer Consumption. The 2021 CEB is based on average retail water sales of 48.92 million gallons per day (MGD). During the budget process, staff developed usage forecast for 2021 based on usage in the previous year.



Adjustments to Operating Revenues

Billing Adjustments for October are \$1,679,359, which is lower than budget by \$127,102 or 7.0%. Year-to-date Billing Adjustments are \$9,959,302, which is higher than budget by \$410,980 or 4.3%. During 2021, the Commission accrued Billing Adjustments at 2.75% of accrued Water and Sewer Charges.

Discounts in October are \$266,080, which is higher than budget by \$99,513 or 59.7%. In March, the Commission implemented a sewer discount for all elderly and disabled customers. Year-to-date Discounts are \$2,451,218, which is higher than budget by \$1,035,899 or 73.2%. During 2021, the Commission had budgeted Discounts at 1.0% of projected billed water revenues.

Bad Debt in October is \$0, which is lower than budget by \$39,309 or 100.0%. Year-to-date Bad Debt is \$36,053, which is lower than budget by \$297,957 or 89.2%. During 2021, the Commission had budgeted Bad Debt at 0.1% of accrued Water and Sewer charges.

Total Net Billed Charges

Total Net Billed Charges in October are \$36,045,023, which is higher than budget by \$144,161 or 0.4% due to favorable variances in the Water Revenue, Sewer Revenue, Adjustments and Bad Debt line items, offset by unfavorable variance in the Discounts line item.

Year-to-date Total Net Billed Charges is \$320,159,883, which is below budget by \$2,073,053 or 0.6% due to unfavorable variances in the Water Revenue, Sewer Revenue, Adjustments and Discounts line items, offset by favorable variance in the Bad Debt line item.

Miscellaneous Revenues

Miscellaneous Revenues for October is \$1,371,147 which is below budget by \$74,791 or 5.2%. The unfavorable variance in Miscellaneous Revenues for the month is the result of lower than budgeted revenues in the Investment Income and Other Income line items, offset by higher than budgeted revenues in the Late Charges and Fire Pipe line items.

Year-to-date Miscellaneous Revenues is \$12,953,559, which is below budget by \$748,224 or 5.5%. The unfavorable variance in Miscellaneous Revenues for the month is the result of lower than budgeted revenues in the Investment Income and Other Income line items, offset by higher than budgeted revenues in the Late Charges and Fire Pipe line items.

Late Charges

Late Charges Revenue for October is \$163,830, which is above budget by \$6,592 or 4.2%.

Year-to-date Late Charges Revenue is \$1,661,766, which is above budget by \$325,719 or 24.4%.



Investment Income

Investment Income for October is \$188,810, which is below budget by \$64,859 or 25.6%. The ongoing Commission investment strategy is preservation of capital. Rates are at historic lows due to COVID-19, current investments have been in short-term federal agency securities, Federal Home Loan Bank step up securities and Ginnie Maes, which typically pay down within a 3 to 5-year period.

Year-to-date Investment Income is \$1,578,380, which is below budget by \$577,047 or 26.8%.

Fire Pipe

Fire Pipe Revenue for October is \$440,968, which is above budget by \$15,611 or 3.7%.

Year-to-date Fire Pipe Revenue is \$4,339,732, which is above budget by \$86,160 or 2.0%.

Other Income

Other Income for October is \$577,540, which is below budget by \$32,134 or 5.3%. The unfavorable variance in Other Income for the month is the result of lower than budgeted revenues in the Turn Off/On, Frozen Meters, Sale of Scrap, Misc. Services, Luto Services, Storm Water Inspections, Termination Notice Fee, Misc. Income and BWSC Tax Lien Fee line items, offset by higher than budgeted revenues in the Lien Certificate, Meter Tests, Specials, Hydrant Permit, MTU Fee, Cross Connections, Returned Check Fee, GSA Fee and Parking Revenue line items.

Year-to-date Other Income is \$5,373,680, which is below budget by \$583,056 or 9.8%. The unfavorable variance is the result of lower than budgeted revenues in the Lien Certificate, Meter Tests, Turn Off/On, Specials, Hydrant Permit, Frozen Meters, Sale of Scrap, Misc. Services, Luto Services, Storm Water Inspections, Termination Notice Fee, GSA Fee, Misc. Income, BWSC Tax Lien Fee and Parking Revenue line items, offset by higher than budgeted revenues in the MTU Fee, Fine Violations, Cross Connections and Returned Check Fee and line items.

Total Revenue

Total Revenue in October is \$37,421,647 which is above budget by \$25,631 or 0.1%. There were favorable variances in the Water Revenue, Sewer Revenue, Adjustments, Bad Debt, Late Charges and Fire Pipe line items, offset by favorable variances in the Discounts, Investment Income and Other Income line items.

Year-to-date Total Revenue is \$333,474,391 which is below budget by \$2,952,492 or 0.9%. There were unfavorable variances in the Water Revenue, Sewer Revenue, Adjustments, Discounts, Investment Income and Other Income line items, offset by favorable variances in the Bad Debt, Late Charges and Fire Pipe line items.



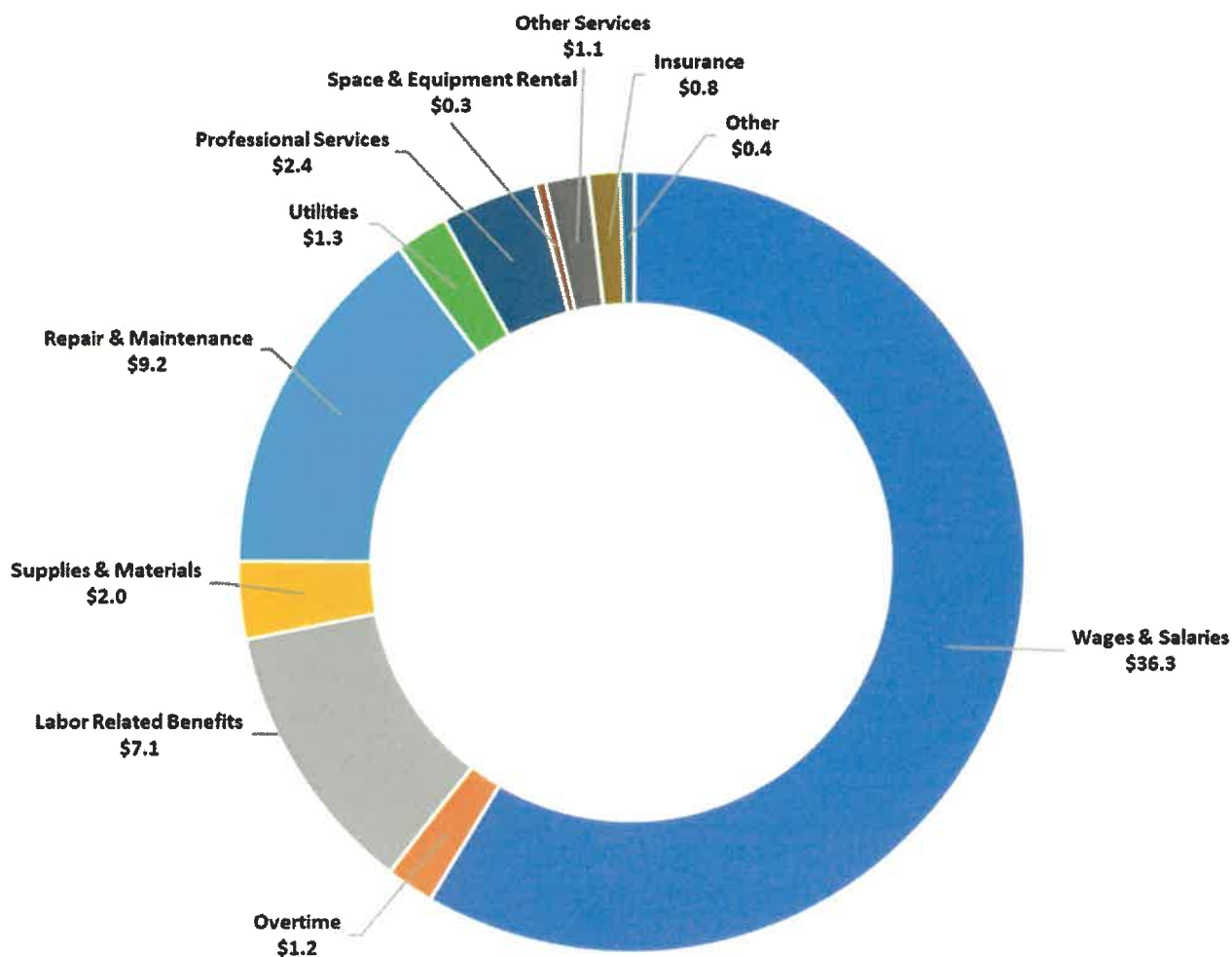
Expenses

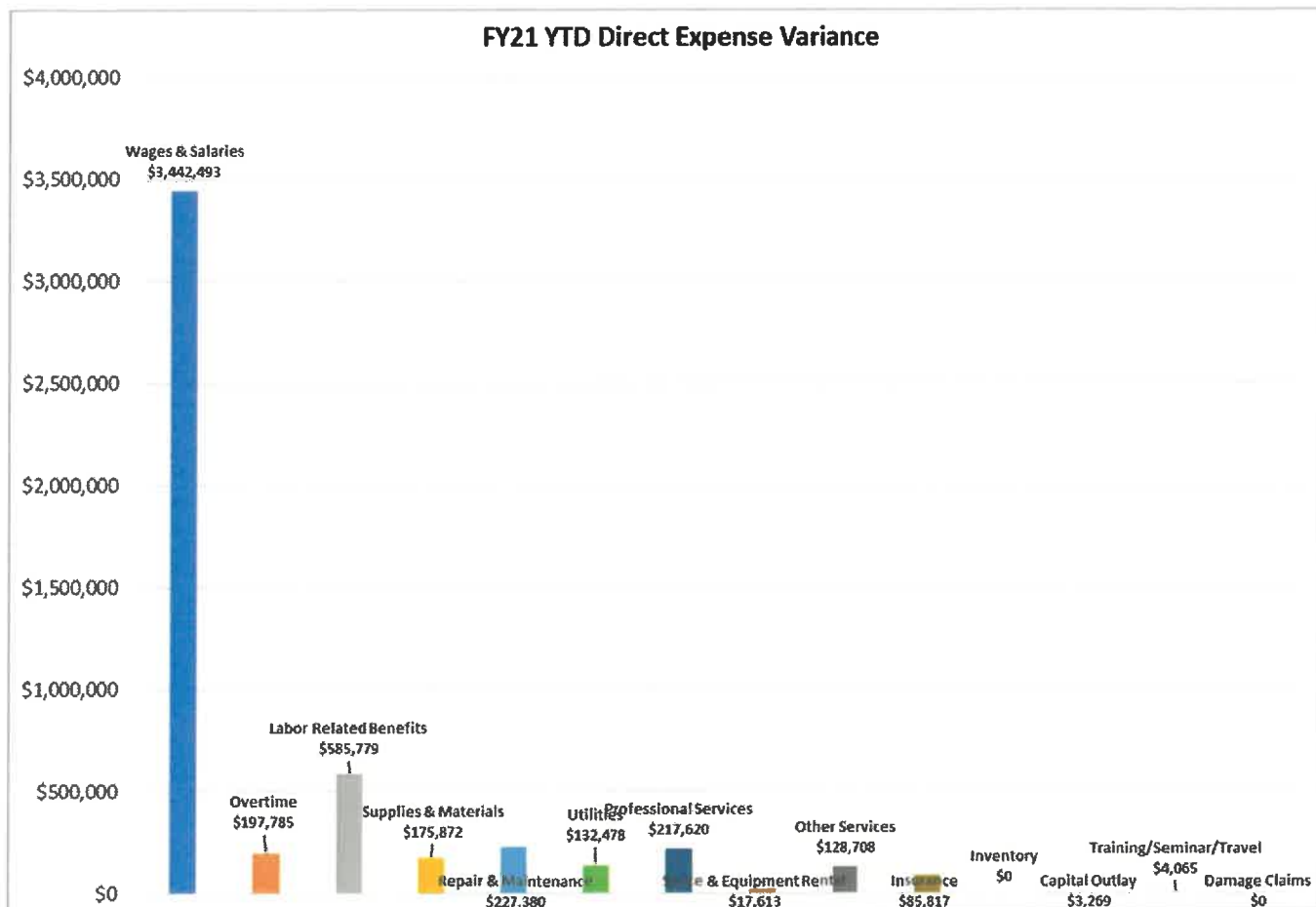
Direct Operating Expenses

Direct Operating Expenses totaled \$5,218,879 in October. The budgeted amount for the period equaled \$7,060,540 resulting in a favorable variance of \$1,841,661 or 26.1%.

Year-to-date expenditures totaled \$62,052,362 through October. The budgeted amount equaled \$66,774,978 resulting in a favorable variance of \$4,722,615 or 7.1%.

FY21 YTD Direct Expenses (In Millions)





Wages and Salaries

Wages and Salaries totaled \$3,442,493 in October. The budgeted amount for the period equaled \$3,666,957 resulting in a favorable variance of \$224,464 or 6.1%. The monthly variance was due to position vacancies throughout the Commission. Currently there are 77 vacancies in the Commission: Executive (3), Operations (32), Engineering (8), Administration (24) and Finance (7).

Year-to-date expenditures for Wages and Salaries totaled \$36,265,979 through October. The budgeted amount is \$36,475,231 resulting in a favorable variance of \$209,253 or 0.6%.



Overtime

Overtime expenditures totaled \$197,785 in October. The budget for the month equaled \$69,953 resulting in a unfavorable variance of \$127,832 or 182.7%. The unfavorable variance is due to more than anticipated emergencies requiring overtime.

Year-to-date expenditures for Overtime totaled \$1,232,403 through October. The budgeted amount equaled \$699,533 resulting in an unfavorable variance of \$532,870 or 76.2%, due to more than anticipated emergencies requiring overtime for the year-to-date.

Labor Related Benefits

Labor Related Benefits totaled \$585,779 in October. The budget for the period equaled \$721,314 resulting in a favorable variance of \$135,535 or 18.8%. The favorable variance is primarily due to less than anticipated expenditures for Health Insurance.

Year-to-date Labor Related Benefits expenditures totaled \$7,090,986 through October. The budgeted amount for the period is \$7,920,441 resulting in a favorable variance of \$829,455 or 10.5%. The favorable variance is the result of less than anticipated expenditures for Health Insurance.

Supplies and Materials

Supplies and Materials for the month totaled \$175,872 in October. The budgeted amount for the month equaled \$265,516 resulting in a favorable variance of \$89,644 or 33.8%. The favorable variance is primarily due to less than anticipated expenditures for Supplies and Materials Commission-wide.

Year-to-date Supplies and Materials expenditures totaled \$1,985,661 through October. The year-to-date budgeted amount is \$2,515,015 which reflects a favorable variance of \$529,354 or 21.0%. The favorable variance is primarily due to less than anticipated expenditures for Program Supplies.

Repair and Maintenance

Expenditures for Repair and Maintenance totaled \$227,380 in October. The budgeted amount for the month equaled \$1,417,550 resulting in a favorable variance of \$1,190,170 or 84.0%. The favorable variance is due to less than anticipated expenditures for Contract Repair to System Water and Contract Repair to System Sewer.

Year-to-date expenditures for Repair and Maintenance totaled \$9,209,214 through October. The budgeted amount for the year-to-date is \$10,907,996 resulting in a favorable variance of \$1,698,782 or 15.6%. The favorable variance is due to less than anticipated expenditures for Contract Repair to System Sewer and Solid Fill Disposal.



Utilities

Expenses for Utilities totaled \$132,478 in October. The amount budgeted for the month was \$170,023 resulting in a favorable variance of \$37,545 or 22.1%. The favorable variance is due to less than anticipated expenditures for Utilities Commission-wide.

Year-to-date expenditures totaled \$1,334,976 through October. The budgeted amount for the year-to-date is \$1,621,233 resulting in a favorable variance of \$286,258 or 17.7%. The favorable variance is due to less than anticipated expenditures for Utilities Commission-wide.

Professional Services

Professional Services totaled \$217,620 in October. The budgeted amount for the month equaled \$405,100 resulting in a favorable variance of \$187,480 or 46.3%. The favorable variance is primarily due to less than anticipated expenditures for Other Professional Services.

Year-to-date expenditures totaled \$2,397,233 through October. The budgeted amount is \$3,334,250 resulting in a favorable variance of \$937,018 or 28.1%. The favorable year-to-date variance is primarily due to less than anticipated expenditures for Other Professional Services.

Space and Equipment Rentals

Space and Equipment Rentals totaled \$17,613 in October. Funds allocated for the month equaled \$32,187 resulting in an favorable variance of \$14,575 or 45.3%. The favorable variance is primarily due to less than budgeted spending in Space/Lease Rentals.

Year-to-date Space and Equipment Rental expenses totaled \$264,663 through October. The budgeted amount equals \$301,875 resulting in a favorable variance of \$37,212 or 12.3%. The favorable variance is primarily due to less than budgeted spending in Copier Leases.

Other Services

Other Services totaled \$128,708 in October. Funds allocated for the month were \$195,808 resulting in a favorable variance of \$67,101 or 34.3%. The favorable variance is the result of less than anticipated expenditures for Police Details and Facilities Security.

Year-to-date expenditures for Other Services totaled \$1,086,331 through October. The budgeted amount for the period equals \$1,716,033 resulting in a favorable variance of \$629,702 or 36.7%. The favorable variance is the result of less than anticipated expenditures for Police Details and Facilities Security.



Insurance

Insurance expenses totaled \$85,817 in October. Funds allocated for the month were \$85,368 resulting in an unfavorable variance of \$449 or 0.5%. The unfavorable variance is primarily due to more than anticipated expenditures for Employment Practices Liability.

Year-to-date expenditures for Insurance totaled \$809,746 through October. The budgeted amount for the period equals \$832,892 resulting in a favorable variance of \$23,147 or 2.8%. The favorable variance is due to less than anticipated expenditures for Insurance Commission-Wide.

Inventory

Inventory expenses totaled \$0 in October. Funds allocated for the month were \$1,917 resulting in a favorable variance of \$1,917. The favorable variance is due to less than anticipated expenditures for Inventory Commission-Wide.

Year-to-date Inventory expenses totaled \$13,540 through October. The budgeted amount for the period equals \$13,417, resulting in a favorable variance of \$5,627 or 29.4%. The favorable variance is due to less than anticipated expenditures for Inventory Commission-Wide.

Capital Outlay

Capital Outlay expenses totaled \$3,269 in October. Funds allocated for the month were \$8,000 resulting in a favorable variance of \$4,731 or 59.1%. The favorable variance is due to less than anticipated expenses for Capital Outlay Commission-Wide.

Year-to-date Capital Outlay expenses totaled \$29,033 through October. The budgeted amount for the period equals \$50,000 resulting in a favorable variance of \$20,967 or 41.9%. The favorable variance is due to less than anticipated expenses for Capital Outlay Commission-Wide.

Travel/Training/Seminar

Travel/Training/Seminar totaled \$4,065 in October. Funds allocated for the month equaled \$8,762 resulting in a favorable variance of \$4,697 or 53.6%. The favorable variance is due to less than anticipated expenses for Travel/Training/Seminar Commission-wide.

Year-to-date expenditures for Travel/Training/Seminar equaled \$26,063 through October. The budgeted amount is \$60,476 resulting in a favorable variance of \$34,413 or 56.9%. The favorable variance is due to less than anticipated expenses for Travel/Training/Seminar Commission-wide.



Damage Claims

Damage Claims expenses totaled \$0 in October. Funds allocated for the month were \$12,083 resulting in a favorable variance of \$12,083.

Year-to-date Damage Claims expenses totaled \$306,536 through October. The budgeted amount for the period equals \$320,833 resulting in a favorable variance of \$14,297.

Indirect Operating Expenses

Total Indirect Operating Expenses in October totaled \$28,422,106, which is lower than budgeted by \$574,565 or 2.1%. This unfavorable variance is the result of higher than budgeted expenditure in the Contractual Funding Obligations line item, offset by lower than budgeted expenditure in the MWRA Assessment, Capital Improvement and Debt Service line items.

Year-to-date Total Indirect Operating Expenses totaled \$262,134,303, which is lower than budgeted by \$8,441,904 or 3.1%. This favorable variance is the result of lower than budgeted expenditure in the MWRA Assessment, Capital Improvement and Debt Service line items, offset higher than budgeted expenditure in the Contractual Funding Obligations line item.

MWRA Assessment

The MWRA Assessment in October totaled \$20,236,218, which is lower than budget by \$830,472 or 3.9%.

Year-to-date MWRA Assessment totaled \$202,923,788, which is lower than budget by \$3,321,890 or 1.6%.

Renewal and Replacement

Renewal and Replacement in October totaled \$154,849, which is lower than the budgeted amount by \$2,297,151 or 93.7%. The favorable variance is the result of lower than budgeted spending in the Water Special and the Water Relay line items in the Water Program. Also noticeable was lower than budgeted expenditure in the Sewer Increased Capacity, Sewer Separation and Sewer Special line items, offset by higher than budgeted spending in the Sewer Renewal & Replacement line item in the Wastewater Program.

Year-to-date expenses for Renewal and Replacement totaled \$5,391,220, which is lower than the budgeted amount by \$7,643,780 or 58.6%. The favorable variance is the result of lower than budgeted expenditure in the Water Special line item, offset by higher than budgeted expenditure in the Water Relay line item in the Water Program. Also noticeable was lower than budgeted spending of all the line items in the Wastewater Program.



Debt Service

Debt Service for the month totaled \$3,681,408, which is below budget by \$200,443 or 5.2%. The favorable variance in Debt Service for the month is due to the 1994 variable rate bonds, the defeasement of the 2009 Series B bonds and the refunding of the 2012 Series A bonds, 2014 Series A bonds, 2016 Series B bonds and 2018 Series A bonds.

Year-to-date Debt Service totaled \$45,449,994, which is below budget by \$1,375,546 or 2.9%.

Contractual Funding Obligations

Contractual Funding Obligations for the month totaled \$4,331,677, which is over budget by \$3,902,631 or 909.6%, due to additional deposits to the reserves.

The year-to-date amount for Contractual Funding Obligations is \$8,189,770, which is higher than budget by \$3,899,312 or 90.9%.

SDWA Assessment

The SDWA Assessment for October totaled \$17,953.

Year-to-date SDWA Assessment totaled \$179,531.

Total Operating Expense

Total Operating Expense in October totaled \$33,640,985 which is below budget by \$1,267,097 or 3.6%. The favorable variance was due to lower than budgeted balances in all Direct Expense and Indirect Expense Categories except for the Overtime, Insurance and Contractual Funding Obligations line items.

Year-to-date Total Operating Expense amounted to \$324,186,666, which is lower than budgeted by \$13,164,519 or 3.9%. The favorable variance was due to lower than budgeted balances in all Direct Expense and Indirect Expense Categories except for the Overtime and Contractual Funding Obligations line items.

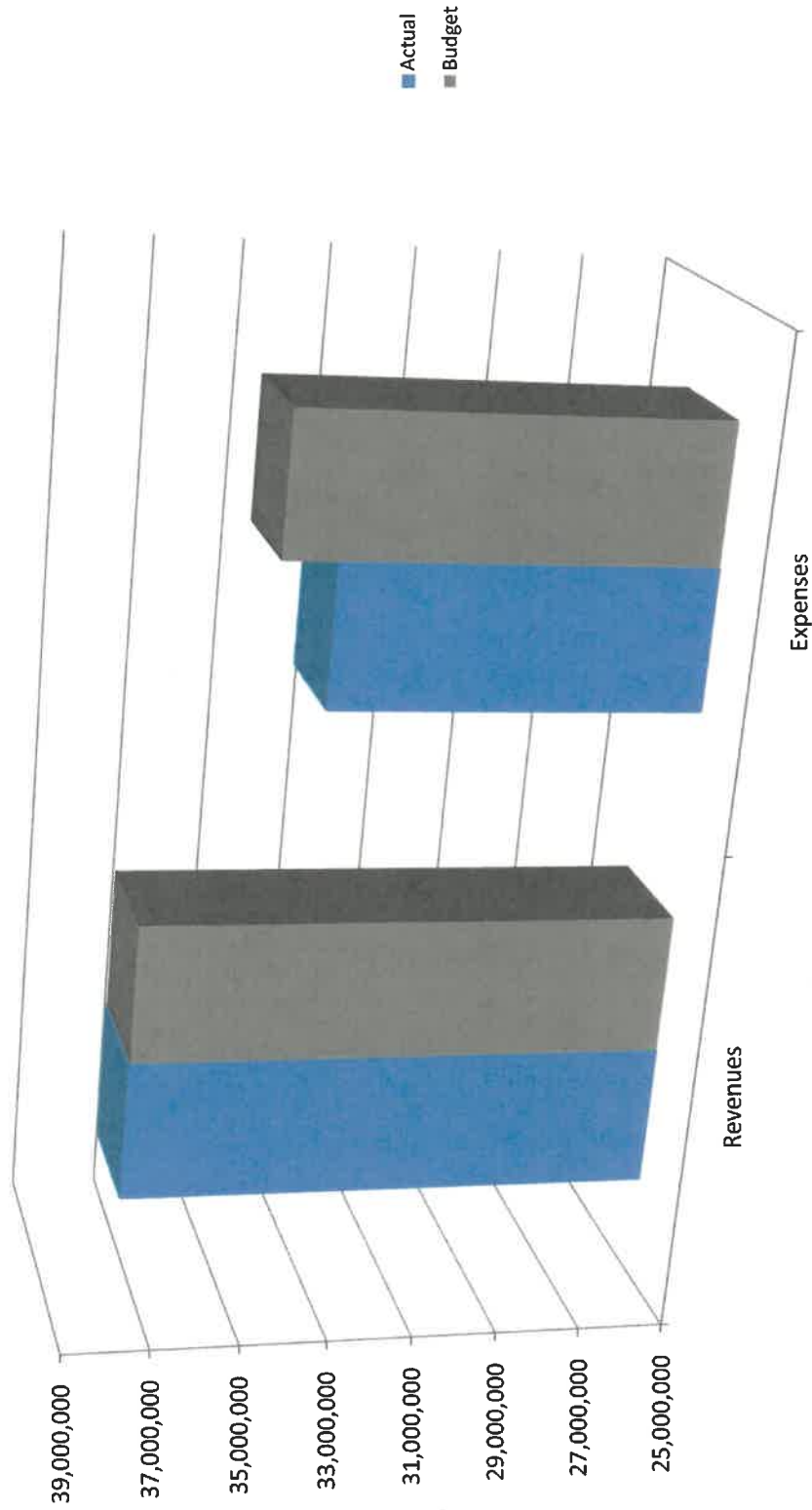
Budget/Fiscal Impact: N/A

Attachments: October 2021 Revenue and Expense Analysis
Year-to-date Revenue and Expense Analysis

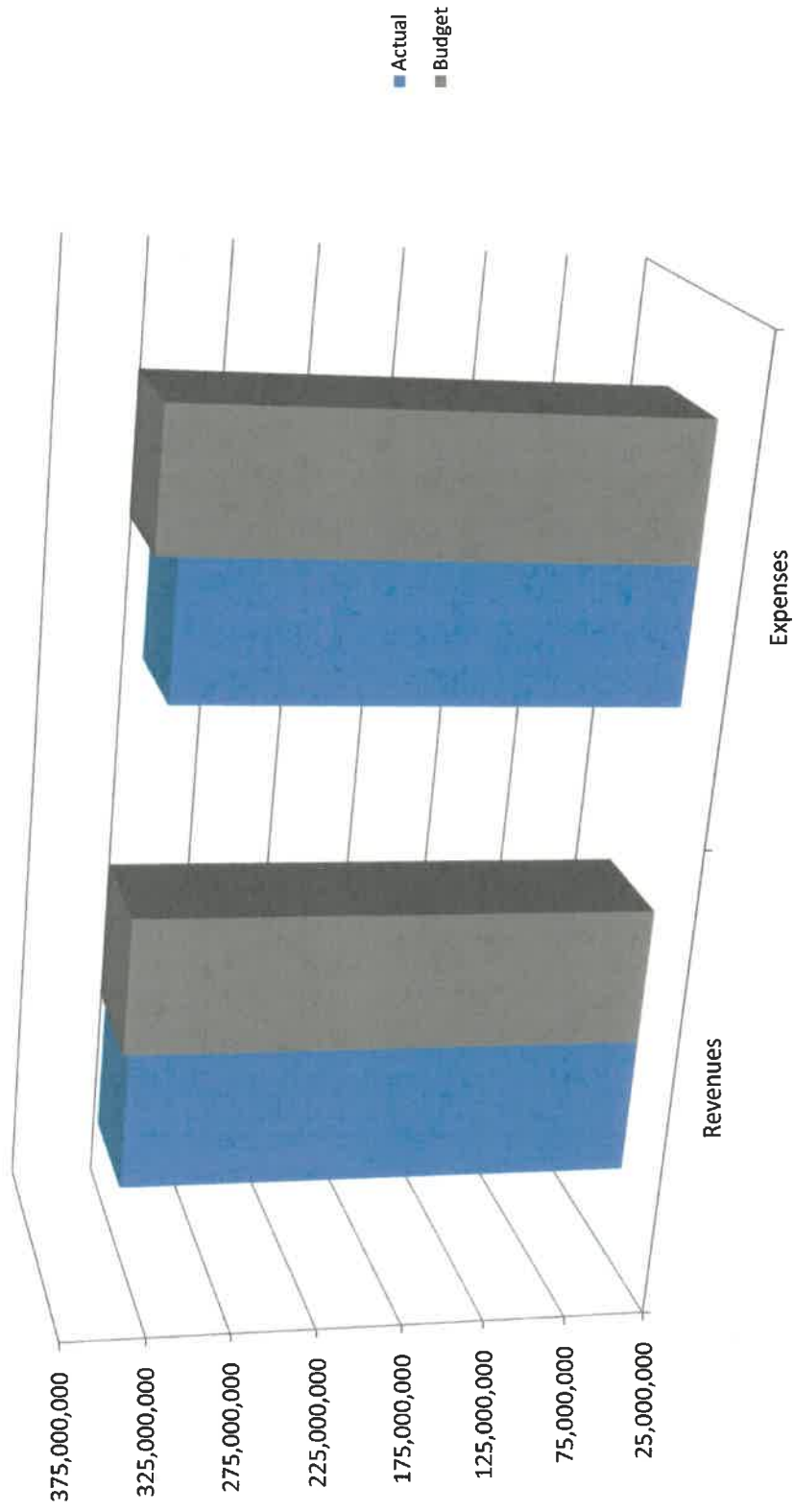
Boston Water and Sewer Commission
Revenue and Expense Analysis - Actual vs. Budget
For the Month of October 2021

Description	Current Period				Year to Date			
	Actual	Budget	Variance	%	Actual	Budget	Variance	%
REVENUES								
Water	16,080,799	\$16,065,082	\$15,717	0.1%	140,805,206	\$141,327,991	(\$522,785)	-0.4%
Sewer	21,909,663	\$21,848,117	\$61,546	0.3%	191,801,250	\$192,202,596	(\$401,346)	-0.2%
SUBTOTAL	\$37,990,462	\$37,913,199	\$77,263	0.2%	\$332,606,456	\$333,530,587	(\$924,131)	-0.3%
LESS:								
Adjustments	(\$1,679,359)	(\$1,806,461)	\$127,102	7.0%	(9,959,302)	(\$9,548,322)	(\$410,980)	-4.3%
Discounts	(\$266,080)	(\$166,567)	(\$99,513)	-59.7%	(2,451,218)	(\$1,415,319)	(\$1,035,899)	-73.2%
Bad Debt	(\$0)	(\$39,309)	\$39,309	100.0%	(36,053)	(\$334,010)	\$297,957	89.2%
SUBTOTAL	(\$1,945,439)	(\$2,012,337)	\$66,898	3.3%	(\$12,446,573)	(\$11,297,651)	(\$1,148,922)	-10.2%
NET BILLED CHARGES	\$36,045,023	\$35,900,862	\$144,161	0.4%	\$320,159,883	\$322,232,936	(\$2,073,053)	-0.6%
PRIOR YEAR SURPLUS	\$5,477	\$49,217	(\$43,740)	-88.9%	360,950	\$492,165	(\$131,216)	-26.7%
MISCELLANEOUS REVENUES:								
Late Charges	\$163,830	\$157,238	\$6,592	4.2%	1,661,766	\$1,336,047	\$325,719	24.4%
Investment Income	\$188,810	\$253,669	(\$64,859)	-25.6%	1,578,380	\$2,155,427	(\$577,047)	-26.8%
Fire Pipe	\$440,968	\$425,357	\$15,611	3.7%	4,339,732	\$4,253,572	\$86,160	2.0%
Other Income	\$577,540	\$609,674	(\$32,134)	-5.3%	5,373,680	\$5,956,737	(\$583,056)	-9.8%
SUBTOTAL	\$1,371,147	\$1,445,938	(\$74,791)	-5.2%	\$12,953,559	\$13,701,782	(\$748,224)	-5.5%
TOTAL REVENUE	\$37,421,647	\$37,396,016	\$25,631	0.1%	\$333,474,391	\$336,426,883	(\$2,952,492)	-0.9%
DIRECT OPERATING EXPENSES								
Wages & Salaries	\$3,442,493	\$3,666,957	\$224,464	6.1%	\$36,265,979	\$36,475,231	\$209,253	0.6%
Overtime	\$197,785	\$69,953	(\$127,832)	-182.7%	\$1,232,403	\$699,533	(\$532,870)	-76.2%
Labor Related Benefits	\$585,779	\$721,314	\$135,535	18.8%	\$7,090,986	\$7,920,441	\$829,455	10.5%
Supplies & Materials	\$175,872	\$265,516	\$89,644	33.8%	\$1,985,661	\$2,515,015	\$529,354	21.0%
Repair & Maintenance	\$227,380	\$1,417,550	\$1,190,170	84.0%	\$9,209,214	\$10,907,996	\$1,698,782	15.6%
Utilities	\$132,478	\$170,023	\$37,545	22.1%	\$1,334,976	\$1,621,233	\$286,258	17.7%
Professional Services	\$217,620	\$405,100	\$187,480	46.3%	\$2,397,233	\$3,334,250	\$937,018	28.1%
Space & Equipment Rental	\$17,613	\$32,187	\$14,575	45.3%	\$264,663	\$301,875	\$37,212	12.3%
Other Services	\$128,708	\$195,808	\$67,101	34.3%	\$1,086,331	\$1,716,033	\$629,702	36.7%
Insurance	\$85,817	\$85,368	(\$449)	-0.5%	\$809,746	\$832,892	\$23,147	2.8%
Inventory	\$0	\$1,917	\$1,917	100.0%	\$13,540	\$19,167	\$5,627	29.4%
Capital Outlay	\$3,269	\$8,000	\$4,731	59.1%	\$29,033	\$50,000	\$20,967	41.9%
Training/Seminar/Travel	\$4,065	\$8,762	\$4,697	53.6%	\$26,063	\$60,476	\$34,413	56.9%
Damage Claims	\$0	\$12,083	\$12,083	100.0%	\$306,536	\$320,833	\$14,297	4.5%
TOTAL DIRECT OPER EXPENSES	\$5,218,879	\$7,060,540	\$1,841,661	26.1%	\$62,052,362	\$66,774,978	\$4,722,615	7.1%
INDIRECT OPERATING EXPENSES								
MWRA Assessment	\$20,236,218	\$21,066,690	\$830,472	3.9%	202,923,788	\$206,245,678	\$3,321,890	1.6%
Capital Improvement	\$154,849	\$2,452,000	\$2,297,151	93.7%	5,391,220	\$13,035,000	\$7,643,780	58.6%
Debt Service	\$3,681,408	\$3,881,851	\$200,443	5.2%	45,449,994	\$46,825,540	\$1,375,546	2.9%
Contractual Funding Obligations	\$4,331,677	\$429,046	(\$3,902,631)	-909.6%	8,189,770	\$4,290,458	(\$3,899,312)	-90.9%
SDWA Assessment	\$17,953	\$17,953	\$0	0.0%	179,531	\$179,531	\$0	0.0%
TOTAL INDIRECT OPER EXPENSES	\$28,422,106	\$27,847,540	(\$574,565)	-2.1%	\$262,134,303	\$270,576,207	\$8,441,904	3.1%
TOTAL OPERATING EXPENSE	\$33,640,985	\$34,908,080	\$1,267,097	3.6%	\$324,186,666	\$337,351,185	\$13,164,519	3.9%
SURPLUS/(DEFICIT)	\$3,780,662	\$2,487,936	\$1,292,726		\$9,287,726	(\$924,302)	\$10,212,027	

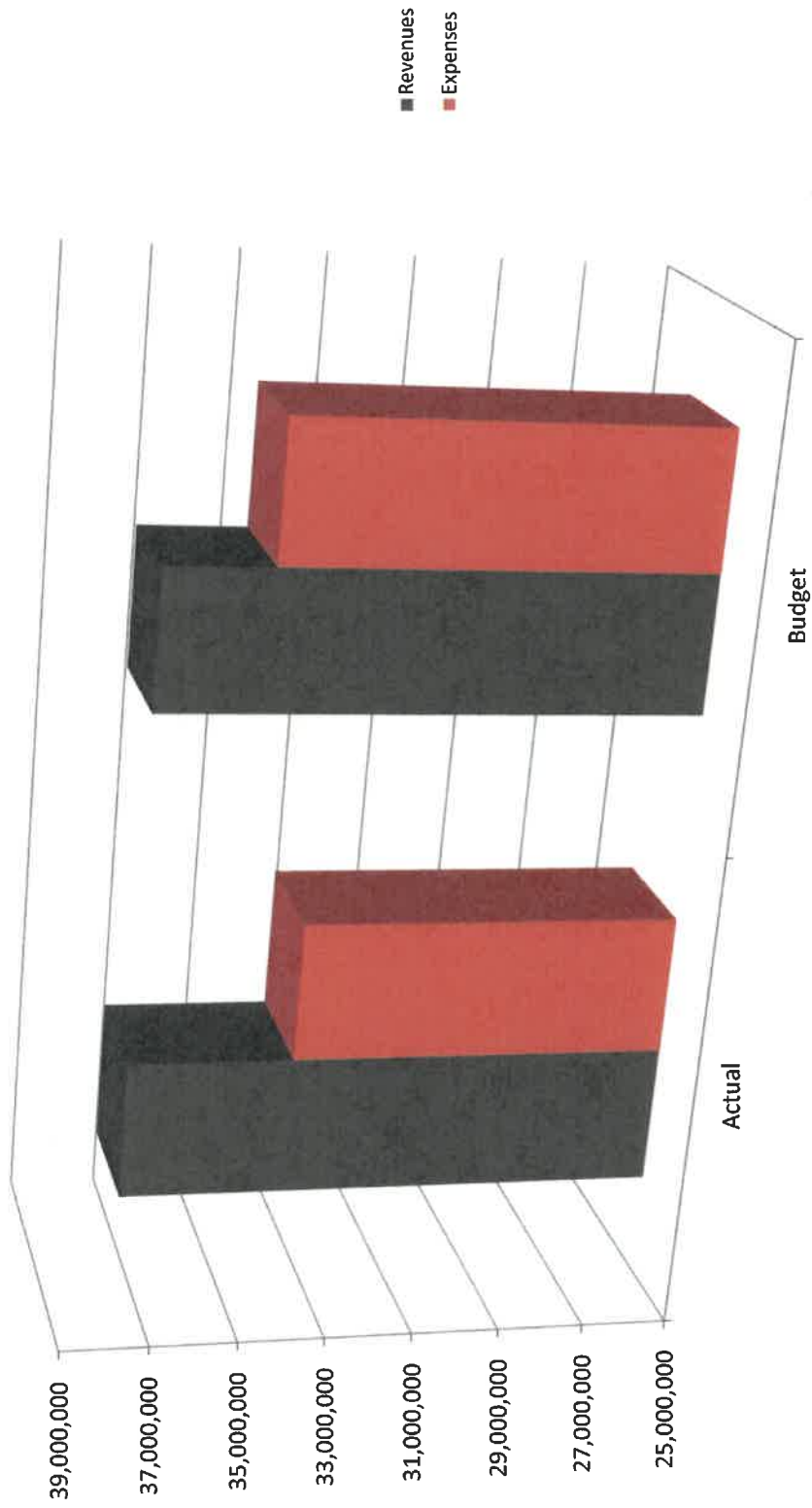
October 2021 Actual vs Budget



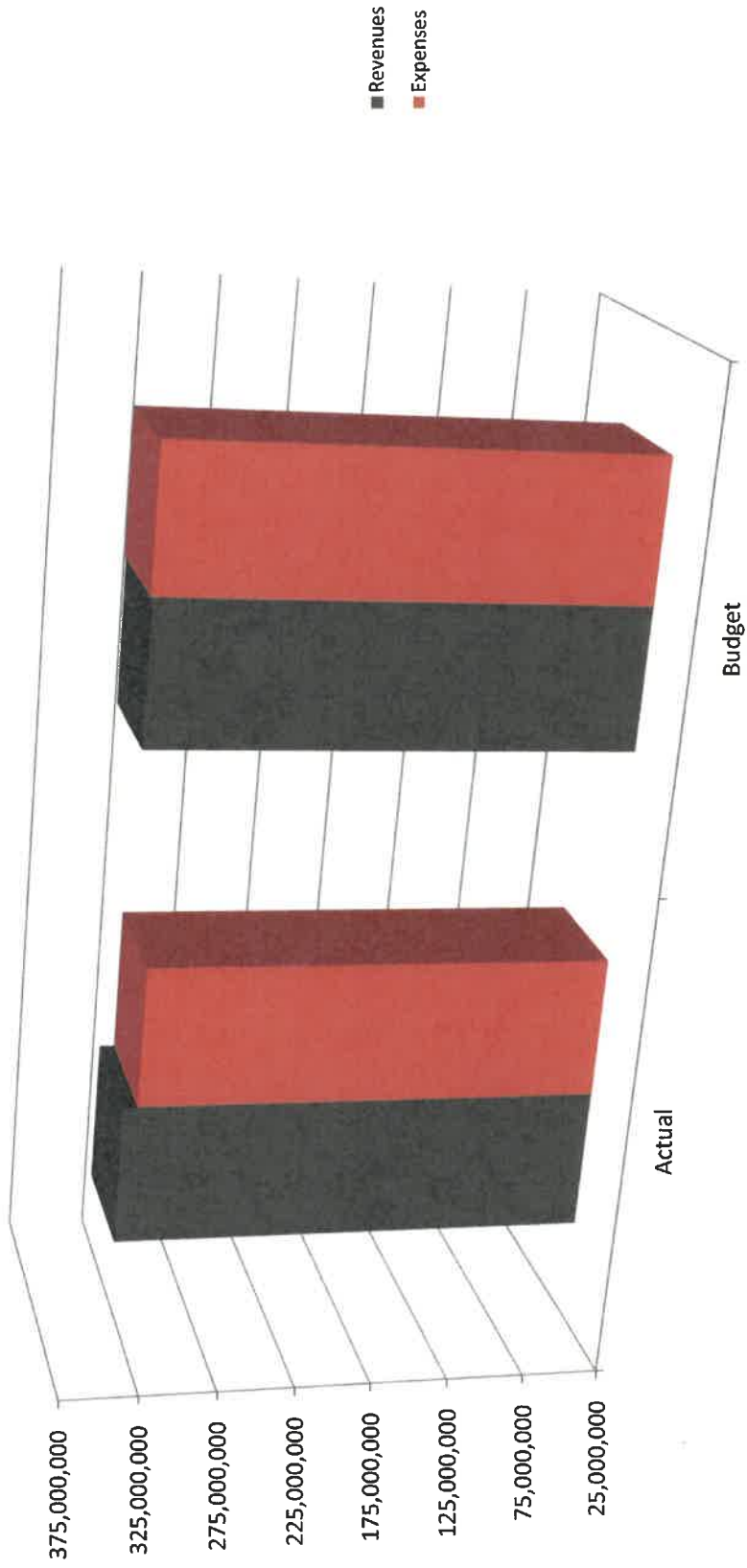
Year-To-Date Actual vs Budget



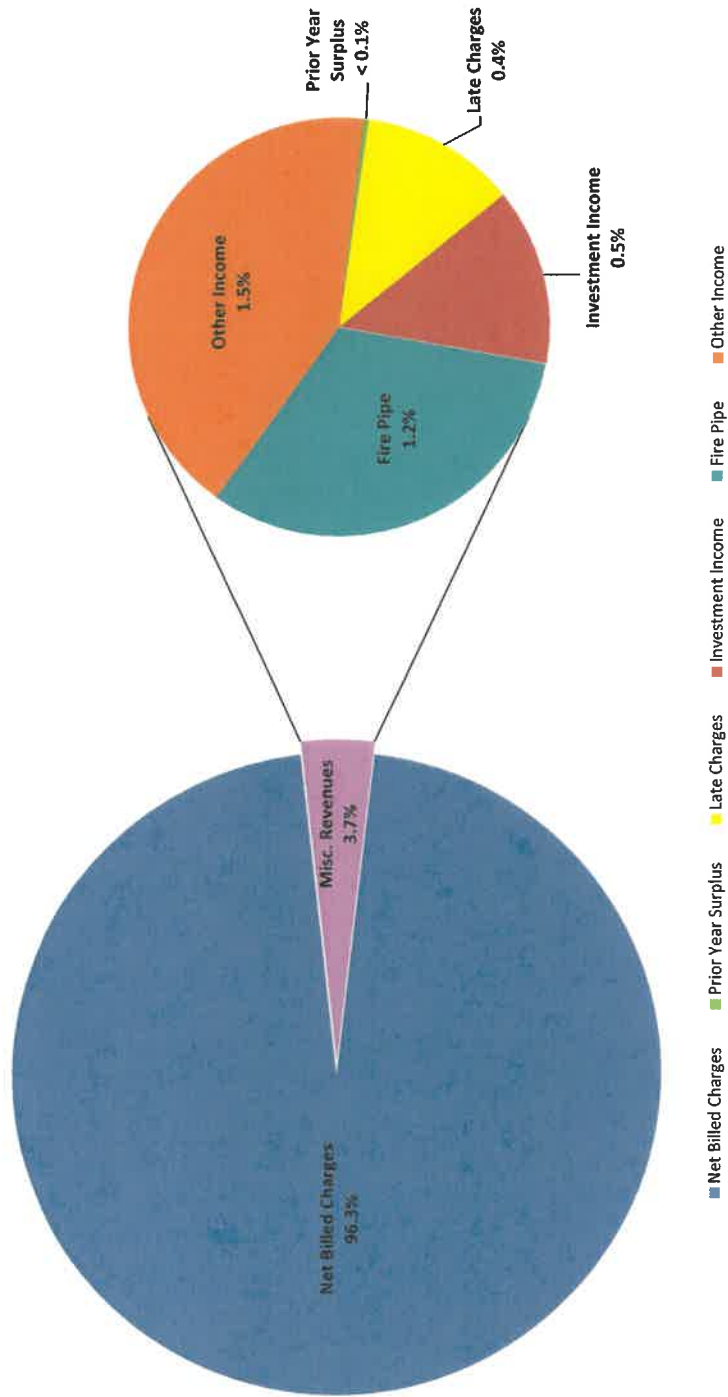
October 2021 Revenues vs Expenses



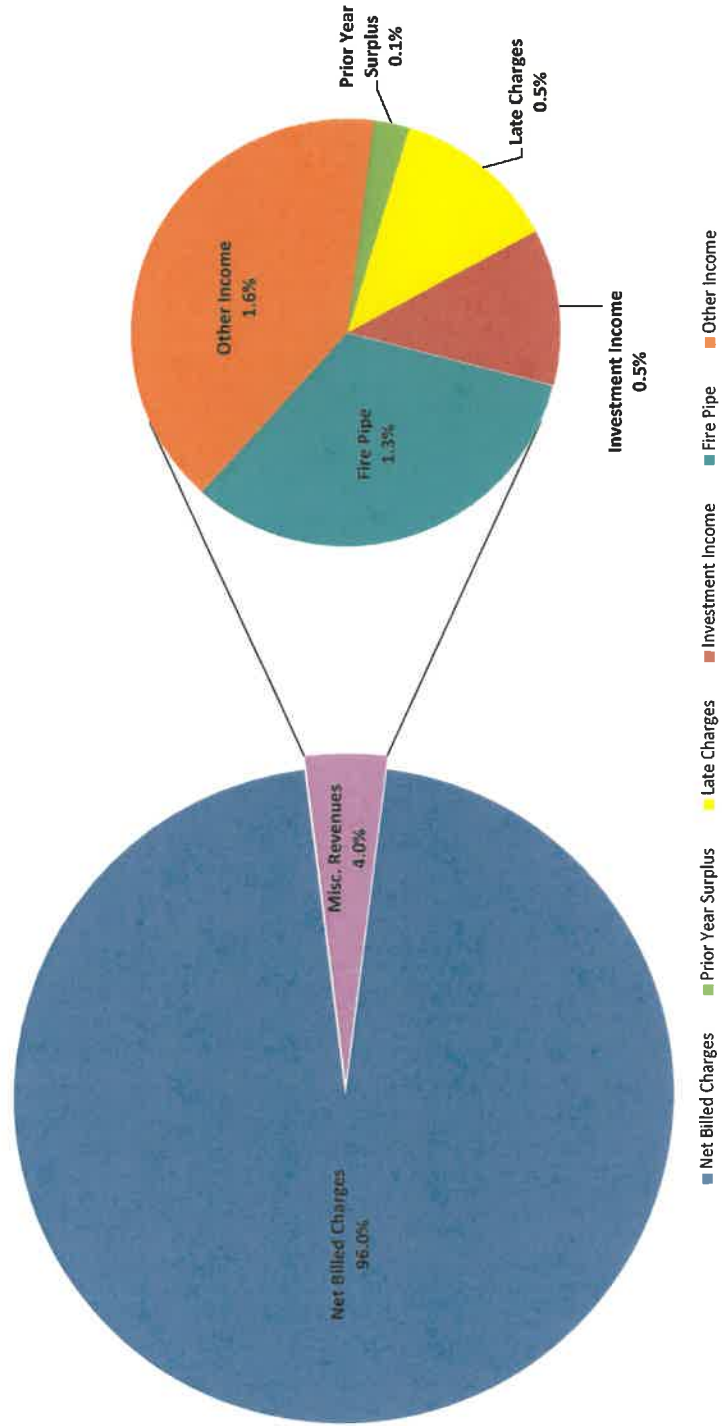
Year-To-Date Revenues vs Expenses



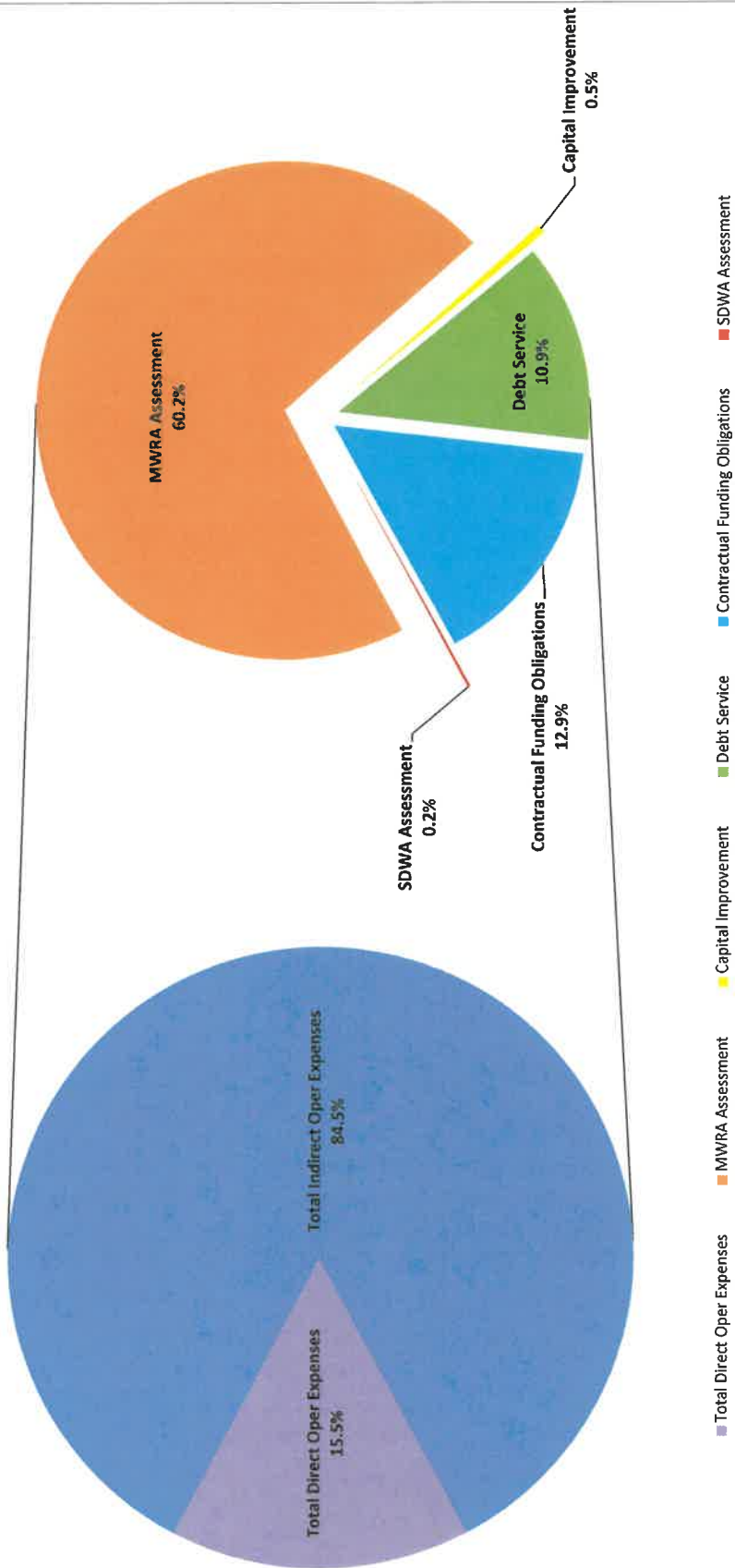
October 2021 Revenue (Actual)



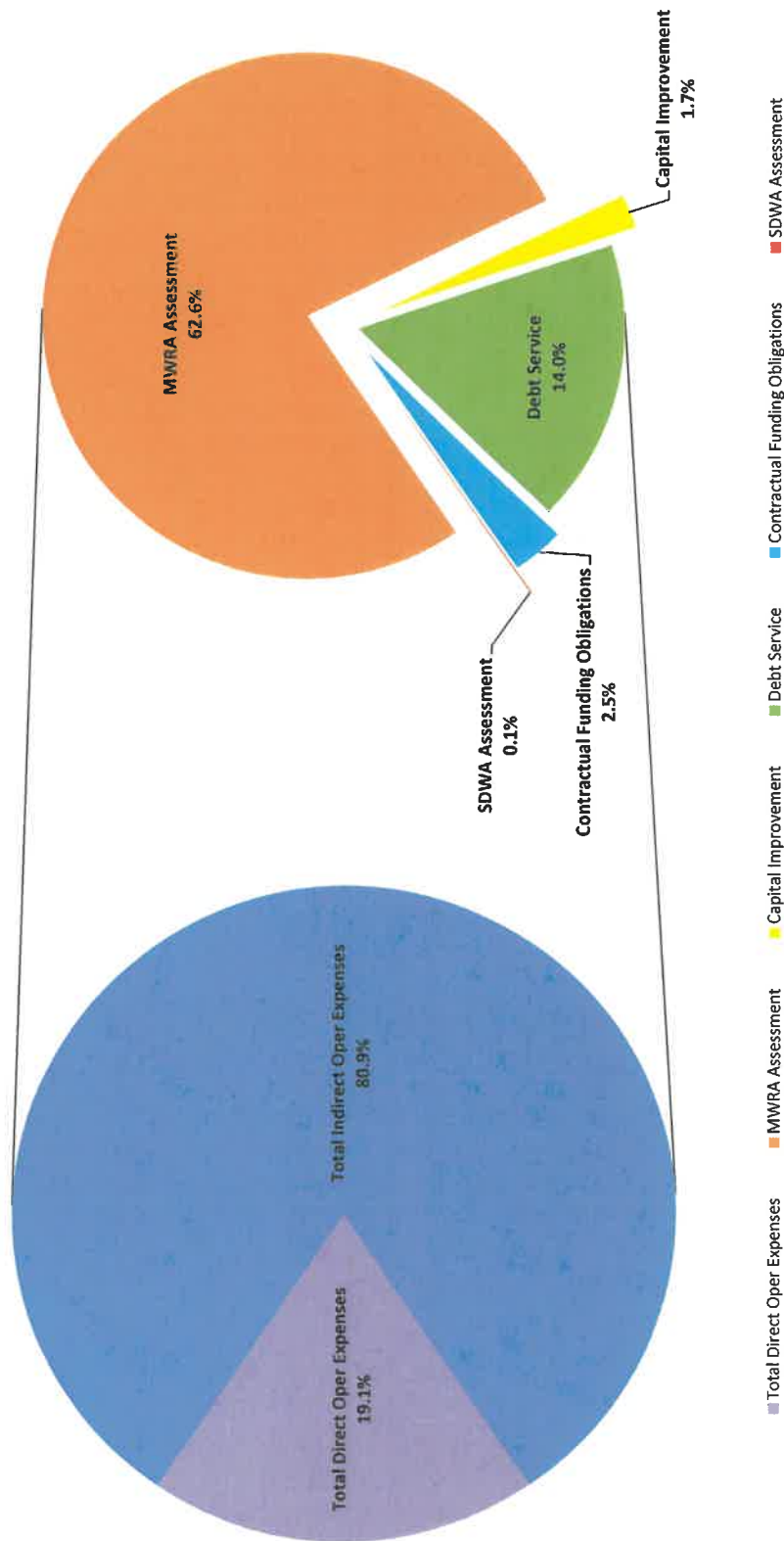
**Year-to-Date 2021
Revenue (Actual)**



October 2021 Expenses (Actual)



Year-to-Date 2021 Expenses (Actual)





Discussion/Alternative:

The following Third Quarter Affirmative Action Report of 2021 is presented for the Commissioner's review and information.

Regular/ Full-time Employees

The number of regular (fulltime) Commission employees for the quarter ending September 30, 2021, was 428, of which 187 were non-minority males and 49 were non-minority females, thus bringing the non-minority total to 236 or 55%. Minority males numbered 132 while minority females numbered 60, bringing the total minority count to 192 or 45% by the quarter's end.

One (1) Minority employee was hired during the quarter.

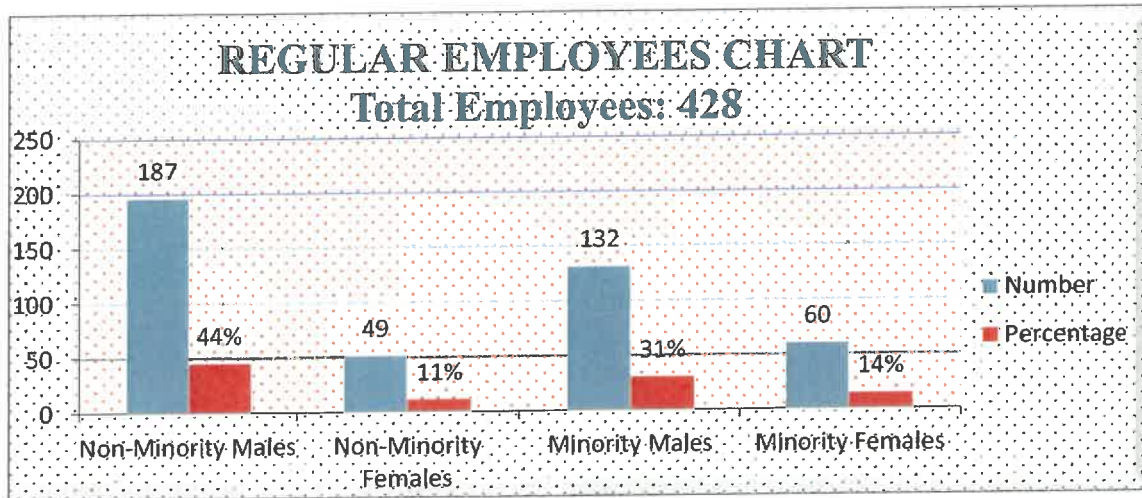
Twenty-Four (24) employees were promoted during the quarter, 12 were non-minority males and 12 were minority males.

Six (6) employees retired during the quarter, five were non-minority (4 males and 1 female) and one was minority female

Seven (7) employees were terminated (or resigned) during the quarter, 6 were non-minority (5 males and 1 female) and 1 was minority male.

Regular/Full-time Employees Table

<i>Category</i>	<i>Number</i>	<i>Percentage</i>
Non-Minority Males	187	44%
Non-Minority Females	49	11%
Minority Males	132	31%
Minority Females	60	14%
Total Employees	428	100%

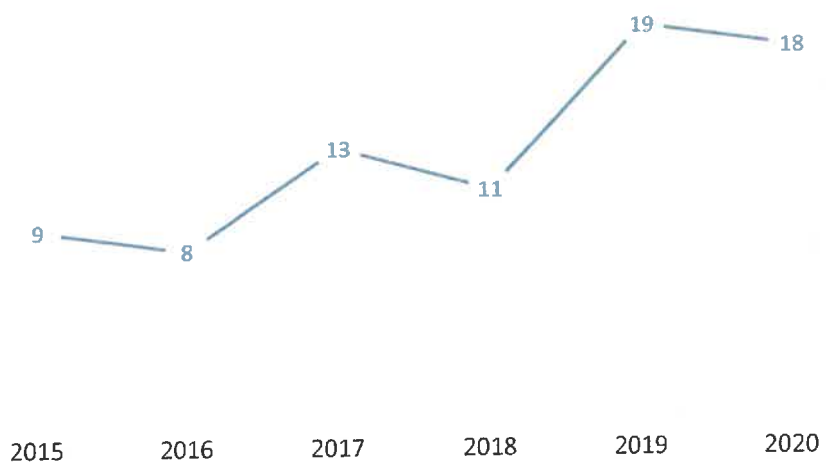


Personnel Demographics for the Second Quarter (07-01-21 to 09-30-21)

Category	Number	Non-Minority	Minority	Women
Hired Employees	1	0	1	1
Promoted Employees	24	12	12	0
Retired Employees	6	5	1	1
Terminated/Resigned. Employees	7	6	1	1



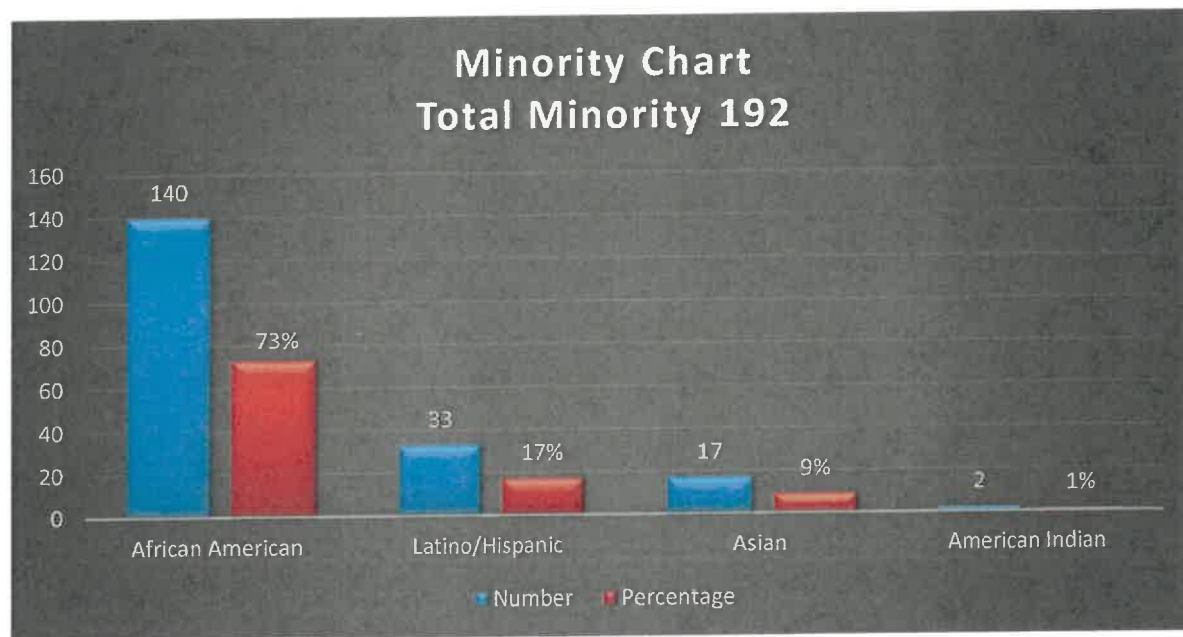
SIX YEARS TREND OF RETIRED EMPLOYEES





Minority Employees Table

<i>Category</i>	<i>Number</i>	<i>Percentage</i>
African American	140	73%
Latino / Hispanic	33	17%
Asian	17	9%
American Indian	2	1%
Total Minority Employees	192	100%





Job Group Analysis as of 09/30/2021

Participation of Minority and Women Business Enterprise

Job Group	Total	Non-Minority Employees				Minority Employees				Total Total Percent
		Male	Percent	Female	Percent	Male	Percent	Women	Percent	
Officials and Administrators	89	54	61%	13	15%	12	13%	10	11%	100%
Professionals	72	32	45%	11	15%	13	18%	16	22%	100%
Technicians	47	19	40%	6	13%	20	43%	2	4%	100%
Administrative Support	91	20	22%	18	20%	22	24%	31	34%	100%
Skilled Craft	108	50	46%	1	1%	57	53%	0	0%	100%
Service Maintenance	21	12	57%	0	0%	8	38%	1	5%	100%
Grand Total	428	187	44%	49	11%	132	31%	60	14%	100%

Construction Contracts

During the quarter under review, the Commission paid a total of \$10,423,554 to construction contractors. Out of that, Minority Business Enterprises (MBE) were paid a total of \$922,393 representing 8.9% of total expenditures. The MBE goal for construction contracts is 9%.

Women Business Enterprises (WBE) were paid a total of \$498,073 representing 4.8% of the total construction contract expenditures. The WBE goal is 6%.

Construction Contract Expenditure Table

	Qtr. Payment	%	YTD	%
Construction Contracts Total	\$10,423,554	100%	\$24,628,192	100%
Minority Businesses	\$922,393	8.9%	\$2,177,632	8.8%
Women Businesses	\$498,073	4.8%	\$1,489,872	6.0%



Professional Service Contract Payment

The Commission paid a total of \$1,624,309 to Professional Service Contracts during the quarter. Minority Business Enterprises (MBE) were paid a total of \$85,374 representing 5.2% of the total expenditure. The MBE goal for Professional Service Contracts is 15%.

Women Business Enterprises (WBE) were paid a total of \$135,475 representing 8.3% of the total expenditures. The WBE goal is 6%.

Professional Service Expenditure Table

	<i>Qtr. Payment</i>	<i>%</i>	<i>YTD</i>	<i>%</i>
<i>Professional Service Contracts Total</i>	\$1,624,309	100%	\$4,074,504	100%
<i>Minority Businesses</i>	\$85,374	5.2%	\$293,316	7.2%
<i>Women Businesses</i>	\$135,475	8.3%	\$498,903	12.2%

Construction & Professional Service Contract Totals for 2020				
Construction Contracts			Professional Service	
Total Amount Paid	\$ 31,821,686	100%	\$ 5,348,392	100%
Total Amount Paid to MBE	\$ 3,287,998	10.3%	\$ 408,541	7.6%
Amount Paid to WBE	\$ 3,109,802	10.0%	\$ 821,435	15.4%

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

TO: Commissioners, Boston Water and Sewer Commission
FROM: Henry F. Vitale, Executive Director
DATE: November 30, 2021
RE: Informational Report
Project Performance Tracking and Reporting

Purpose: Information
 Vote
 Consent Decree

Prepared by: Alfred J. Carrier, P.E.
Director of Construction
Reviewed by: John P. Sullivan, P.E.
Chief Engineer
Approved by: Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

RECOMMENDATION:
For Information Only

DISCUSSION/ALTERNATIVE:

The Construction Division oversees numerous construction projects. During construction, unforeseen conditions may arise for various reasons. In most instances, construction claims are filed by the contractors. In other instances, the scope of work is expanded, and contractors are compensated under existing items. The purpose of this report is to advise monthly the status of construction payments and whether additional funding is anticipated for change orders or additional work.



INTRODUCTION

The Commission's oversight of Capital Improvement Projects (CIP) currently includes thirty active contracts.

The Project Engineers continue to manage contracts and site plans, evaluate claims, prepare as-built drawings and work on contract closeouts.

Summary of Contracts and Payments Prepared in 2021

The Construction Division prepares payments for the Capital Improvement Projects. The attached Project Performance Tracking and Reporting chart provides an overview of payments made in 2021. In 2021, 151 payments have been made: 19 final payments, 21 semi-final payments and 111 active contract payments totaling 60.8% of total active contract value.

The report summarizes the overall bid cost to final cost. The total cost of payments on contracts in the closeout phase totals \$52.5 million and the total bid cost is \$60.6 million, an underrun of \$8.1 million.

Additional Funding Updates/Claims

The Commission has received 2 utility conflict claims this month.

Attachment: Project Performance Tracking and Reporting

Project Performance Tracking and Reporting

Year to Date

Legend
 Italics - Payment prepared in current payment cycle
 Red - Contract value exceeds original bid cost
 May require additional funding

Contract	Pay Estimate	Beginning Date	Ending Date	Retainage	Total Cost to Date	Bid Cost	Contractor	Project Encluser	% Complete	Payment %	Comment
16-308-002	11	2/18/2021	3/22/2021	1	\$4,753,151.85	\$4,931,472.20	FED CORPORATION	Dzidek	100.0%	96.4%	Final Pending
16-308-002	12	8/9/2021	8/9/2021	0	\$4,800,832.57	\$4,931,472.20	FED CORPORATION	Dzidek	100.0%	97.4%	Final Prepared
16-308-005	10	8/4/2021	8/4/2021	1	\$3,259,046.26	\$3,427,296.28	D'ALLESSANDRO CORP	Dzidek	100.0%	95.1%	Final Pending
16-309-006	7	4/27/2021	4/27/2021	1	\$4,763,464.89	\$4,824,382.61	RJV CONSTRUCTION	Teixeira	100.0%	98.7%	Final Paperwork being prepared
16-309-006	8	6/30/2021	6/30/2021	0	\$4,784,246.19	\$4,824,382.61	RJV CONSTRUCTION	Teixeira	100.0%	99.2%	Final Prepared
16-309-011	10	6/15/2021	6/15/2021	1	\$3,737,582.30	\$8,228,226.75	ALBANESE D&S	Bonugli	100.0%	45.4%	Final Pending
17-308-003	9	8/1/2021	9/23/2021	1	\$3,074,254.32	\$3,376,279.44	K&K EXCAVATIONCO., INC	Pina	100.0%	91.1%	Final Pending
17-308-004	9	6/30/2021	6/30/2021	1	\$2,326,637.22	\$2,174,772.17	UMBRO & SONS	Stillman	100.0%	107.0%	Final Prepared
17-309-002	7	2/22/2021	2/22/2021	0	\$1,312,228.30	\$1,266,163.46	K&K EXCAVATIONCO., INC	Bonilla	100.0%	103.6%	Final Prepared
17-309-003	19	3/12/2021	3/12/2021	1	\$898,467.04	\$1,601,823.28	AQUA LINE UTILITY, INC.	Dzidek	100.0%	56.1%	Final Pending
17-309-003	20	6/11/2021	6/11/2021	0	\$904,639.54	\$1,601,823.28	AQUA LINE UTILITY, INC.	Dzidek	100.0%	56.5%	Final Prepared
17-309-014	15	4/1/2021	8/9/2021	1	\$9,173,035.25	\$9,497,299.06	FED CORPORATION	Shea	100.0%	96.6%	Final Pending
18-309-002	7	2/10/2021	2/10/2021	0	\$1,848,182.25	\$1,923,899.02	FED CORPORATION	Teixeira	100.0%	96.1%	Final Prepared
18-309-005	13	2/1/2021	5/1/2021	1	\$519,562.81	\$548,956.00	RAPID FLOW, INC.	Ethart	100.0%	94.6%	Final Paperwork being prepared
18-309-005	14	7/26/2021	7/26/2021	0	\$541,129.41	\$548,956.00	RAPID FLOW, INC.	Ethart	100.0%	98.6%	Final Prepared
19-303-003	13	2/25/2021	2/25/2021	0	\$1,471,477.59	\$1,602,211.35	D'ALLESSANDRO CORP	Callaghan	100.0%	91.8%	Final Prepared
19-309-013	8	2/8/2021	2/8/2021	1	\$196,298.00	\$230,194.00	RAPID FLOW, INC.	Bonilla	100.0%	85.3%	Final Paperwork being prepared
19-309-013	9	5/14/2021	5/14/2021	0	\$196,298.00	\$230,194.00	RAPID FLOW, INC.	Bonilla	100.0%	85.3%	Final Prepared
20-303-001	8	4/7/2021	4/7/2021	1	\$892,067.05	\$1,614,098.59	METRO EQUIPMENT CORP.	O'Brien	100.0%	51.5%	Final Paperwork being prepared
20-303-001	9	6/21/2021	6/21/2021	0	\$855,409.21	\$1,614,098.59	METRO EQUIPMENT CORP.	Stillman	100.0%	53.0%	Final Prepared
20-303-002	9	5/6/2021	5/6/2021	1	\$1,372,864.15	\$1,260,866.80	C. NAUGHTON CORP.	O'Brien	100.0%	108.9%	Final Pending
20-303-002	10	6/15/2021	6/15/2021	0	\$1,408,944.15	\$1,260,866.80	C. NAUGHTON CORP.	Stillman	100.0%	111.7%	Final Prepared
20-303-003	12	3/18/2021	3/18/2021	1	\$1,580,454.14	\$1,328,309.60	UMBRO & SONS	Stillman	100.0%	119.0%	Final Paperwork being prepared
20-303-003	13	5/14/2021	5/14/2021	0	\$1,584,678.14	\$1,328,309.60	UMBRO & SONS	Stillman	100.0%	119.3%	Final Prepared
20-303-004	6	4/20/2021	4/20/2021	1	\$405,552.80	\$480,480.10	RAPID FLOW, INC.	O'Brien	100.0%	84.4%	Final Paperwork being prepared
20-303-004	7	6/23/2021	6/23/2021	0	\$435,648.80	\$480,480.10	RAPID FLOW, INC.	Conran	100.0%	90.7%	Final Prepared
20-303-008	11	4/26/2021	4/26/2021	0	\$1,147,673.54	\$1,319,086.20	MARIO SUSA SON, INC.	O'Brien	100.0%	87.0%	Final Prepared
20-303-009	6	3/22/2021	3/22/2021	1	\$661,052.28	\$725,155.10	P.G. CONSTRUCTION, INC.	Stillman	100.0%	91.2%	Final Paperwork being prepared
20-303-009	7	4/28/2021	4/28/2021	0	\$661,457.08	\$725,155.10	P.G. CONSTRUCTION, INC.	Stillman	100.0%	91.2%	Final Prepared
20-303-010	10	3/1/2021	3/1/2021	1	\$546,728.00	\$607,314.00	RAPID FLOW, INC.	O'Brien	100.0%	90.0%	Final Paperwork being prepared
20-303-010	11	4/2/2021	4/2/2021	0	\$578,302.40	\$607,314.00	RAPID FLOW, INC.	O'Brien	100.0%	95.2%	Final Prepared
20-303-011	10	3/1/2021	3/1/2021	1	\$822,132.60	\$877,314.00	RAPID FLOW, INC.	O'Brien	100.0%	93.7%	Final Paperwork being prepared
20-303-011	11	4/2/2021	4/2/2021	0	\$850,468.60	\$877,314.00	RAPID FLOW, INC.	O'Brien	100.0%	96.9%	Final Prepared
20-309-007	6	7/28/2021	8/19/2021	1	\$3,865,268.47	\$4,125,489.70	RJV CONSTRUCTION	Teixeira	100.0%	93.7%	Final Pending
20-309-008	5	3/8/2021	3/8/2021	1	\$249,693.10	\$314,873.20	NATIONAL WATER MAIN CL CO	Pina	100.0%	79.3%	Final Paperwork being prepared
20-309-008	6	7/7/2021	7/7/2021	0	\$277,193.10	\$314,873.20	NATIONAL WATER MAIN CL CO	Pina	100.0%	88.0%	Final Prepared
20-309-009	7	3/29/2021	5/7/2021	1	\$588,413.40	\$724,600.25	NEXT LEVEL ENVIRONMENTAL, LLC	Chukas	100.0%	81.2%	Final Paperwork being prepared
20-309-009	8	7/8/2021	7/8/2021	0	\$588,413.40	\$724,600.25	NEXT LEVEL ENVIRONMENTAL, LLC	Chukas	100.0%	81.2%	Final Prepared
20-309-011	8	2/10/2021	2/10/2021	1	\$2,846,532.33	\$3,585,323.70	LORUSSO CORP.	Callaghan	100.0%	79.4%	Final Paperwork being prepared
20-309-011	9	6/10/2021	6/10/2021	0	\$2,850,175.59	\$3,585,323.70	LORUSSO CORP.	Callaghan	100.0%	79.5%	Final Prepared
Totals	40				\$52,593,121.62	\$60,595,888.86				86.7%	

Project Performance Tracking and Reporting

Year to Date

Legend
Italics - Payment prepared in current payment cycle *
Red - Contract value exceeds original bid cost
May require additional funding

Contract	Pay Estimate	Beginning Date	Ending Date	Retainage	Total Cost to Date	Bid Cost	Contractor	Project Engineer	% Complete	Payment Percentage %	Comment
15-309-011	17	6/1/2021	6/30/2021	5	\$5,538,070.17	\$6,429,448.17	ALBANESE D&S	Bonugli	85.0%	86.1%	Work ongoing
15-309-011	18	7/1/2021	7/30/2021	5	\$5,924,779.03	\$6,429,448.17	ALBANESE D&S	Bonugli	90.0%	92.2%	Work ongoing
15-309-011	19	8/2/2021	8/31/2021	5	\$6,122,615.21	\$6,429,448.17	ALBANESE D&S	Bonugli	92.0%	95.2%	Work ongoing
16-308-002	10	1/25/2021	2/17/2021	5	\$4,544,578.41	\$4,931,472.20	FED CORPORATION	Dzidek	95.0%	92.2%	Work ongoing
17-308-001	9	1/1/2021	1/31/2021	5	\$3,100,269.11	\$4,035,559.08	D'ALLESSANDRO CORP	Shea	90.0%	76.8%	Work ongoing
17-308-001	10	2/1/2021	2/28/2021	5	\$3,361,980.87	\$4,035,559.08	D'ALLESSANDRO CORP	Shea	100.0%	83.3%	Semi-Final paperwork being prepared
17-308-001	11	3/10/2021	5/24/2021	5	\$3,437,327.47	\$4,035,559.08	D'ALLESSANDRO CORP	Shea	100.0%	85.2%	Semi-Final paperwork being prepared
17-308-002	5	3/22/2021	5/18/2021	5	\$2,884,340.25	\$5,932,810.61	P. GIOIOSO & SONS	Bonugli	50.0%	48.6%	Work Ongoing
17-308-002	6	5/19/2021	6/29/2021	5	\$3,171,143.61	\$5,932,810.61	P. GIOIOSO & SONS	Bonugli	55.0%	53.5%	Work Ongoing
17-308-002	7	6/30/2021	7/29/2021	5	\$4,059,689.62	\$5,932,810.61	P. GIOIOSO & SONS	Bonugli	70.0%	68.4%	Work ongoing
17-308-002	8	7/30/2021	8/31/2021	5	\$4,657,309.51	\$5,932,810.61	P. GIOIOSO & SONS	Bonugli	75.0%	78.5%	Work ongoing
17-308-003	5	3/8/2021	4/20/2021	5	\$2,117,748.75	\$9,376,279.44	K&K EXCAVATION CO., INC.	Alves Pina	70.0%	62.7%	Work Ongoing
17-308-003	6	4/21/2021	5/13/2021	5	\$2,391,182.97	\$9,376,279.44	K&K EXCAVATION CO., INC.	Alves Pina	80.0%	70.8%	Work Ongoing
17-308-003	7	5/14/2021	6/29/2021	5	\$2,581,399.01	\$9,376,279.44	K&K EXCAVATION CO., INC.	Alves Pina	75.0%	76.5%	Work ongoing
17-308-003	8	6/30/2021	7/30/2021	5	\$2,725,426.24	\$9,376,279.44	K&K EXCAVATION CO., INC.	Alves Pina	80.0%	80.7%	Work ongoing
17-308-006	8	1/1/2021	1/31/2021	5	\$2,054,128.62	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	35.0%	33.7%	Work Ongoing
17-308-006	9	2/1/2021	3/31/2021	5	\$2,102,528.99	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	40.0%	34.5%	Work Ongoing
17-308-006	10	4/1/2021	4/30/2021	5	\$2,244,733.73	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	45.0%	36.8%	Work Ongoing
17-308-006	11	5/3/2021	5/27/2021	5	\$2,689,594.78	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	50.0%	44.1%	Work Ongoing
17-308-006	12	6/1/2021	6/30/2021	5	\$3,400,436.41	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	55.0%	55.7%	Work ongoing
17-308-006	13	7/1/2021	7/30/2021	5	\$4,027,409.02	\$6,102,143.22	D'ALLESSANDRO CORP	Shea	60.0%	66.0%	Work ongoing
17-308-007	1	4/9/2021	6/10/2021	5	\$152,890.80	\$3,105,003.40	UMBRO AND SONS	Bonugli	10.0%	4.9%	Work Ongoing
17-308-007	2	6/11/2021	7/8/2021	5	\$288,348.02	\$3,105,003.40	UMBRO AND SONS	Bonugli	15.0%	9.3%	Work ongoing
17-308-007	3	7/9/2021	8/6/2021	5	\$553,704.66	\$3,105,003.40	UMBRO AND SONS	Bonugli	20.0%	17.8%	Work ongoing
17-308-007	4	8/9/2021	9/9/2021	5	\$738,879.05	\$3,105,003.40	UMBRO AND SONS	Bonugli	22.0%	23.8%	Work ongoing
17-309-005	10	1/1/2021	5/5/2021	5	\$3,649,446.76	\$4,974,149.68	UMBRO AND SONS	Bonilla	60.0%	73.4%	Work Ongoing
17-309-005	11	5/6/2021	7/12/2021	5	\$3,967,240.46	\$4,974,149.68	UMBRO AND SONS	Bonilla	80.0%	79.8%	Work ongoing
17-309-005	12	7/13/2021	8/4/2021	5	\$4,198,244.00	\$4,974,149.68	UMBRO AND SONS	Bonilla	82.0%	84.4%	Work ongoing
17-309-005	13	8/5/2021	9/16/2021	5	\$4,332,024.62	\$4,974,149.68	UMBRO AND SONS	Bonilla	85.0%	87.1%	Work ongoing
17-309-014	12	2/22/2021	2/22/2021	5	\$8,569,656.14	\$9,479,299.06	FED CORPORATION	Shea	95.0%	90.2%	Work ongoing
17-309-014	13	2/23/2021	3/23/2021	5	\$8,622,456.30	\$9,479,299.06	FED CORPORATION	Shea	100.0%	91.0%	Work ongoing
17-309-014	14	3/24/2021	3/31/2021	5	\$8,789,312.05	\$9,479,299.06	FED CORPORATION	Shea	100.0%	92.7%	Semi-Final paperwork being prepared
18-308-003	1	8/16/2021	9/30/2021	5	\$835,697.43	\$2,935,738.34	K&K EXCAVATION CO., INC.	Pina	25.0%	28.5%	Work ongoing
18-309-004	1	6/7/2021	6/30/2021	5	\$175,438.50	\$1,698,932.84	NATIONAL WATER MAIN CL CO	Pina	10.0%	10.3%	Work ongoing
18-309-004	2	7/17/2021	8/25/2021	5	\$399,755.80	\$1,698,932.84	NATIONAL WATER MAIN CL CO	Pina	20.0%	23.2%	Work ongoing
19-309-003	2	1/1/2021	2/19/2021	5	\$64,579.00	\$1,581,387.25	NATIONAL WATER MAIN CL CO	Bonilla	10.0%	4.1%	Work Ongoing
19-309-003	3	2/20/2021	3/23/2021	5	\$122,391.00	\$1,581,387.25	NATIONAL WATER MAIN CL CO	Bonilla	20.0%	7.7%	Work Ongoing
19-309-003	4	4/2/2021	6/16/2021	5	\$1,062,873.31	\$1,581,387.25	NATIONAL WATER MAIN CL CO	Bonilla	100.0%	67.2%	Semi-Final paperwork being prepared
19-309-003	5	6/17/2021	6/30/2021	5	\$1,583,373.02	\$1,581,387.25	NATIONAL WATER MAIN CL CO	Bonilla	100.0%	100.1%	Semi-Final paperwork being prepared
19-309-014	5	2/10/2021	3/15/2021	5	\$1,844,075.73	\$2,265,141.15	D'ALLESSANDRO CORP	O'Brien	80.0%	81.4%	Work Ongoing

19-309-014	6	3/16/2021	4/16/2021	5	\$2,011,985.53	\$2,265,141.15	D'ALESSANDRO CORP	O'Brien	90.0%	88.8%	Work Ongoing
20-308-007	3	3/1/2021	5/5/2021	5	\$1,553,418.76	\$4,125,489.70	RIV CONSTRUCTION	Teixeira	45.0%	37.7%	Work Ongoing
20-308-007	4	5/6/2021	6/30/2021	5	\$2,427,776.68	\$4,125,489.70	RIV CONSTRUCTION	Teixeira	55.0%	58.8%	Work ongoing
20-308-007	5	6/14/2021	7/27/2021	5	\$2,963,943.92	\$4,125,489.70	RIV CONSTRUCTION	Teixeira	70.0%	71.8%	Work ongoing
20-309-009	6	1/19/2021	3/26/2021	5	\$565,824.90	\$724,600.25	NEXT LEVEL ENVIRONMENTAL LLC	O'Brien	92.0%	78.1%	Work Complete, waiting on video submissions
20-309-010	5	1/4/2021	2/28/2021	5	\$619,023.45	\$900,425.25	NATIONAL WATER MAIN CL CO	Choukas	80.0%	68.7%	Work Ongoing
20-309-010	6	3/1/2021	5/8/2021	5	\$673,857.33	\$900,425.25	NATIONAL WATER MAIN CL CO	Choukas	80.0%	74.8%	Work Ongoing
20-309-011	1	8/1/2021	9/29/2021	5	\$927,716.57	\$16,868,088.30	FED CORPORATION	Bonugli	2.0%	5.5%	Work Ongoing
20-309-012	2	1/11/2021	2/25/2021	5	\$48,407.88	\$1,720,853.66	UMBRO AND SONS	Dzidek	25.0%	2.8%	Work ongoing, as needed
20-309-015	3	2/27/2021	4/15/2021	5	\$67,171.91	\$1,720,853.66	UMBRO AND SONS	Dzidek	30.0%	3.9%	Work ongoing, as needed
21-303-001	1	1/1/2021	1/29/2021	5	\$95,585.00	\$1,723,530.67	METRO EQUIPMENT CORP.	O'Brien	10.0%	5.5%	Work ongoing, as needed
21-303-001	2	2/3/2021	2/27/2021	5	\$221,744.75	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	15.0%	12.9%	Work ongoing, as needed
21-303-001	3	3/1/2021	3/31/2021	5	\$365,703.51	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	25.0%	21.2%	Work ongoing, as needed
21-303-001	4	4/1/2021	4/30/2021	5	\$507,598.81	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	35.0%	29.5%	Work ongoing, as needed
21-303-001	5	5/3/2021	6/30/2021	5	\$871,469.81	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	50.0%	50.6%	Work ongoing, as needed
21-303-001	6	7/1/2021	7/31/2021	5	\$1,083,874.71	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	60.0%	62.9%	Work ongoing, as needed
21-303-001	7	8/2/2021	8/30/2021	5	\$1,256,698.36	\$1,723,530.67	METRO EQUIPMENT CORP.	Stillman	70.0%	72.9%	Work ongoing, as needed
21-303-002	1	1/1/2021	1/26/2021	5	\$120,590.92	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	10.0%	9.1%	Work ongoing, as needed
21-303-002	2	1/27/2021	2/26/2021	5	\$120,590.92	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	15.0%	9.1%	Work ongoing, as needed
21-303-002	3	3/1/2021	3/31/2021	5	\$457,703.75	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	25.0%	34.5%	Work ongoing, as needed
21-303-002	4	4/1/2021	4/30/2021	5	\$570,285.38	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	35.0%	43.0%	Work ongoing, as needed
21-303-002	5	5/4/2021	5/17/2021	5	\$698,387.18	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	50.0%	52.7%	Work ongoing, as needed
21-303-002	6	6/1/2021	6/26/2021	5	\$782,878.88	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	55.0%	59.0%	Work ongoing, as needed
21-303-002	7	7/2/2021	7/31/2021	5	\$884,767.67	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	65.0%	66.7%	Work ongoing, as needed
21-303-002	8	8/13/2021	8/28/2021	5	\$1,025,861.15	\$1,326,451.12	C. NAUGHTON CORP.	Stillman	75.0%	77.3%	Work ongoing, as needed
21-303-003	1	1/4/2021	1/28/2021	5	\$173,048.73	\$1,365,685.22	UMBRO AND SONS	O'Brien	10.0%	12.7%	Work Ongoing
21-303-003	2	2/3/2021	2/26/2021	5	\$290,774.04	\$1,365,685.22	UMBRO AND SONS	O'Brien	15.0%	21.3%	Work Ongoing
21-303-003	3	3/1/2021	3/31/2021	5	\$556,560.49	\$1,365,685.22	UMBRO AND SONS	O'Brien	25.0%	40.8%	Work Ongoing
21-303-003	4	4/1/2021	4/30/2021	5	\$790,455.61	\$1,365,685.22	UMBRO AND SONS	Limardo	50.0%	57.9%	Work Ongoing
21-303-003	5	5/3/2021	6/30/2021	5	\$1,160,994.32	\$1,365,685.22	UMBRO AND SONS	Limardo	75.0%	85.0%	Work Ongoing
21-303-003	6	7/1/2021	7/30/2021	5	\$1,311,910.55	\$1,365,685.22	UMBRO AND SONS	Limardo	95.0%	96.1%	Work Ongoing
21-303-003	7	8/2/2021	8/31/2021	5	\$1,475,013.97	\$1,365,685.22	UMBRO AND SONS	Limardo	100.0%	108.0%	Work Ongoing
21-303-004	1	1/4/2021	2/28/2021	5	\$16,417.90	\$478,180.10	NATIONAL WATER MAIN CL CO	Barbosa	15.0%	3.4%	Work Ongoing
21-303-004	2	3/1/2021	3/31/2021	5	\$113,405.81	\$478,180.10	NATIONAL WATER MAIN CL CO	Barbosa	25.0%	23.7%	Work Ongoing
21-303-004	3	4/1/2021	5/1/2021	5	\$161,467.32	\$478,180.10	NATIONAL WATER MAIN CL CO	Barbosa	30.0%	33.8%	Work Ongoing
21-303-004	4	7/6/2021	8/27/2021	5	\$217,822.03	\$478,180.10	NATIONAL WATER MAIN CL CO	Barbosa	45.0%	45.6%	Work Ongoing
21-303-008	1	1/1/2021	2/1/2021	5	\$9,200.00	\$1,401,092.00	CASSIDY CORPORATION	Stillman	10.0%	0.7%	Work Ongoing
21-303-008	2	2/1/2021	2/28/2021	5	\$24,104.00	\$1,401,092.00	CASSIDY CORPORATION	Stillman	15.0%	1.7%	Work Ongoing
21-303-008	3	3/1/2021	4/24/2021	5	\$151,971.19	\$1,401,092.00	CASSIDY CORPORATION	Stillman	35.0%	10.8%	Work Ongoing
21-303-008	4	4/25/2021	8/2/2021	5	\$356,568.27	\$1,401,092.00	CASSIDY CORPORATION	Stillman	20.0%	25.4%	Work Ongoing
21-303-008	5	8/3/2021	8/31/2021	5	\$409,524.05	\$1,401,092.00	CASSIDY CORPORATION	Stillman	25.0%	29.2%	Work Ongoing
21-303-008	6	9/1/2021	9/29/2021	5	\$449,222.84	\$1,401,092.00	CASSIDY CORPORATION	Stillman	30.0%	32.1%	Work Ongoing
21-303-009	1	4/15/2021	4/28/2021	5	\$76,328.16	\$734,954.10	P.G. CONSTRUCTION, INC	Stillman	35.0%	10.4%	Work Ongoing
21-303-009	2	4/30/2021	5/19/2021	5	\$182,924.32	\$734,954.10	P.G. CONSTRUCTION, INC	Stillman	20.0%	24.9%	Work Ongoing
21-303-009	3	5/20/2021	6/18/2021	5	\$318,808.92	\$734,954.10	P.G. CONSTRUCTION, INC	Stillman	35.0%	43.4%	Work Ongoing
21-303-009	4	6/24/2021	7/20/2021	5	\$353,857.00	\$734,954.10	P.G. CONSTRUCTION, INC	Stillman	45.0%	48.1%	Work Ongoing
21-303-009	5	7/27/2021	8/20/2021	5	\$527,173.74	\$734,954.10	P.G. CONSTRUCTION, INC	Stillman	70.0%	71.7%	Work Ongoing
21-303-010	1	1/1/2021	1/31/2021	5	\$13,294.00	\$588,634.00	RAPID FLOW, INC.	O'Brien	10.0%	2.3%	Work Ongoing
21-303-010	2	2/1/2021	2/28/2021	5	\$24,104.00	\$588,634.00	RAPID FLOW, INC.	O'Brien	15.0%	4.1%	Work Ongoing
21-303-010	3	3/1/2021	3/31/2021	5	\$53,728.00	\$588,634.00	RAPID FLOW, INC.	Vidalis	20.0%	9.1%	Work Ongoing
21-303-010	4	4/1/2021	7/31/2021	5	\$257,020.40	\$588,634.00	RAPID FLOW, INC.	Vidalis	40.0%	43.7%	Work Ongoing
21-303-011	1	1/1/2021	1/31/2021	5	\$38,252.00	\$858,634.00	RAPID FLOW, INC.	O'Brien	10.0%	4.5%	Work Ongoing
21-303-011	2	2/1/2021	2/28/2021	5	\$65,189.00	\$858,634.00	RAPID FLOW, INC.	O'Brien	15.0%	7.6%	Work Ongoing

21-303-011	3	3/1/2021	3/31/2021	5	\$174,616.00	\$858,694.00	RAPID FLOW, INC.	Vidalis	25.0%	20.3%	Work Ongoing
21-303-011	4	4/1/2021	7/31/2021	5	\$449,388.00	\$858,694.00	RAPID FLOW, INC.	Vidalis	50.0%	52.3%	Work Ongoing
21-308-002	1	6/1/2021	6/30/2021	5	\$85,000.00	\$1,230,142.10	D'ALLESSANDRO CORP	McSweeney	5.0%	6.9%	Work Ongoing
21-308-002	2	7/1/2021	7/30/2021	5	\$329,800.00	\$1,230,142.10	D'ALLESSANDRO CORP	McSweeney	25.0%	26.8%	Work Ongoing
21-308-002	3	8/1/2021	8/31/2021	5	\$620,500.00	\$1,230,142.10	D'ALLESSANDRO CORP	McSweeney	50.0%	50.4%	Work Ongoing
* 21-308-002	4	9/1/2021	9/29/2021	5	\$745,015.00	\$1,230,142.10	D'ALLESSANDRO CORP	McSweeney	60.0%	60.6%	Work Ongoing
21-308-004	1	6/11/2021	6/29/2021	5	\$87,852.75	\$1,372,277.00	METRO EQUIPMENT CORP.	Barbosa	3.0%	6.4%	Work Ongoing
21-308-004	2	6/30/2021	7/30/2021	5	\$209,297.90	\$1,372,277.00	METRO EQUIPMENT CORP.	Barbosa	10.0%	15.3%	Work Ongoing
21-308-004	3	7/31/2021	8/31/2021	5	\$351,926.95	\$1,372,277.00	METRO EQUIPMENT CORP.	Barbosa	20.0%	25.6%	Work Ongoing
* 21-308-004	4	9/1/2021	10/29/2021	5	\$885,124.70	\$1,372,277.00	METRO EQUIPMENT CORP.	Barbosa	60.0%	64.5%	Work Ongoing
* 21-309-004	1	6/15/2021	9/3/2021	5	\$27,609.70	\$399,909.00	RAPID FLOW, INC	Etheart	5.0%	6.9%	Work Ongoing
21-309-007	1	4/19/2021	5/22/2021	5	\$904,483.98	\$2,153,572.85	MARIO SUSI & SON, INC.	Callaghan	35.0%	42.0%	Work Ongoing
21-309-007	2	5/25/2021	6/25/2021	5	\$1,304,402.75	\$2,153,572.85	MARIO SUSI & SON, INC.	Callaghan	50.0%	60.6%	Work Ongoing
21-309-007	3	6/28/2021	8/12/2021	5	\$1,498,860.98	\$2,153,572.85	MARIO SUSI & SON, INC.	Callaghan	60.0%	69.6%	Work Ongoing
21-309-009	1	6/1/2021	7/30/2021	5	\$69,072.74	\$718,490.25	NATIONAL WATER MAIN CL CO	Nguyen	7.0%	9.6%	Work Ongoing
* 21-309-009	2	8/2/2021	8/31/2021	5	\$143,585.13	\$718,490.25	NATIONAL WATER MAIN CL CO	Nguyen	20.0%	20.0%	Work Ongoing
21-309-010	1	6/1/2021	7/31/2021	5	\$64,401.29	\$693,600.25	NATIONAL WATER MAIN CL CO	Choukas	7.0%	9.3%	Work Ongoing
* 21-309-010	2	8/1/2021	8/31/2021	5	\$144,915.94	\$693,600.25	NATIONAL WATER MAIN CL CO	Choukas	20.0%	20.9%	Work Ongoing
Totals	111				\$58,501,517.93	\$96,132,034.26				60.8%	

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 17-309-015, Rehabilitation of Large Diameter Sewer Mains in City Proper and South Boston

Purpose: <input type="checkbox"/> Information	Prepared by: <u>Michael Davis, P.E.</u> Design Engineer II
<input checked="" type="checkbox"/> Vote	Reviewed by: <u><i>Peter A. Salvatore</i></u> Peter A. Salvatore, P.E. Director of Engineering
<input type="checkbox"/> Consent Decree	Reviewed by: <u><i>John P. Sullivan</i></u> John P. Sullivan, P.E. Chief Engineer
	Approved by: <u><i>Henry F. Vitale</i></u> Henry F. Vitale Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 17-309-015, Rehabilitation of Large Diameter Sewer Mains in City Proper and South Boston to Insituform Technologies of Charlton, MA, the lowest of three bidders, in the amount of \$7,638,616.20.



Discussion/Alternative:

The 2021-2023 Capital Improvement Program includes the rehabilitation of approximately 5,805 linear feet of sewer pipes in the following locations:

<u>Street</u>	<u>Limits</u>	<u>Neighborhood</u>
Anthony Rip Valenti Way	Canal Street to Beverly Street	City Proper
Private Way	Anthony Rip Valenti Way to New Chardon Street	City Proper
North Washington Street	Thacher Street to Cooper Street	City Proper
JFF Surface Road	New Chardon Street to Sudbury Street	City Proper
Hanover Street	Congress Street to Blackstone Street	City Proper
Cross Street	Cooper Street to Fulton Street	City Proper
North Street	Near Tunnel Entrance to Cross Street	City Proper
Private Land Easement	Between Pappas Way and E Street	South Boston

This work is being undertaken to rehabilitate the Commission's infrastructure in City Proper and South Boston showing signs of hydrogen sulfide deterioration. These pipes were identified through cleaning and CCTV inspection under Contract No. 17-309-006.

At the June 28, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 17-309-015, which included the above described work. The Engineer's estimate at that time was \$6,726,453. Between the time permission to advertise was granted and the contract was advertised, the Engineer's estimate was adjusted and increased to \$7,088,808. Additional pipes within the project area were added to the scope of the Contract, resulting in the increased estimate. On October 29, 2021 at 11:00 am, bids were opened.

The following are the bid results and the Engineer's estimate:

<u>BIDDER</u>	<u>BID PRICE</u>
<i>Estimate</i>	\$7,088,808.00
Insituform Technologies	\$7,638,616.20
National Water Main	\$8,317,109.58
SAK Construction	\$10,189,888.00

The low bidder's price of \$7,638,616.20 which was submitted by Insituform Technologies of Charlton, MA is approximately 8% higher than the Engineer's estimate of \$7,088,808.00. A review of the low bidder's unit prices shows that the unit price for Item BP-01A, Bypass Pumping (\$2,624,000) was significantly higher than the unit price estimated by the Engineer (\$1,250,000). The difference between the low bidder's unit price and the Engineer's estimated unit price accounts for most of the disparity between the low bidder's bid and the Engineer's estimate for Contract No. 17-309-015.

The Engineering Department has reviewed the bid prices, concluded that they are reasonable and in line with recent bid prices, balanced in relation to the work being performed, and recommends award



to the low bidder. The Engineering Department has been informed that Insituform will be using a subcontractor to perform the geopolymer rehabilitation work under this Contract. The Engineering Department has reviewed the subcontractor's qualifications related to experience and determined they meet the requirements outlined in the Contract. Insituform Technologies has performed similar projects for the Commission in the past and their work and performance is considered satisfactory.

Budget/Fiscal Impact:

Funds are available for this work in the 2021-2023 Capital Improvement Program under the Sewer Renewal and Replacement Program.

Attachments: Bid Tabulation

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
A1-1	MISC. TRENCH EXCAVATION	50	CY	\$150.00	\$1,100.00	\$55,000.00	\$125.00	\$6,250.00	\$130.00	\$6,500.00
A2-1	GRAVEL	50	CY	\$50.00	\$0.01	\$0.50	\$50.00	\$2,500.00	\$53.00	\$2,650.00
A3-1	SCREENED GRAVEL	50	CY	\$50.00	\$0.01	\$0.50	\$40.00	\$2,000.00	\$43.00	\$2,150.00
B1-1	TEMPORARY PAVING	50	SY	\$100.00	\$335.00	\$16,750.00	\$100.00	\$5,000.00	\$106.00	\$5,300.00
BP-01A	BY-PASS PUMPING	1	LS	\$1,250,000.00	\$2,624,000.00	\$2,624,000.00	\$705,823.56	\$705,823.56	\$492,000.00	\$492,000.00
D1-01B	DISC DWNSPT INTO FOUNDA	1	EA	\$1,000.00	\$4,450.00	\$4,450.00	\$21,000.00	\$21,000.00	\$25,000.00	\$25,000.00
D1-04	CHIMNEY CONNECTION	20	VF	\$170.00	\$0.01	\$0.20	\$800.00	\$16,000.00	\$845.00	\$16,900.00
D1-06	MINOR DRAIN	50	LF	\$225.00	\$1,675.00	\$83,750.00	\$800.00	\$40,000.00	\$845.00	\$42,250.00
D2-02	MANHOLE WALLS	15	VF	\$408.00	\$5,590.00	\$83,850.00	\$4,000.00	\$60,000.00	\$4,700.00	\$70,500.00
D2-03	MANHOLE FRAME WITH COVI	3	EA	\$1,500.00	\$11,100.00	\$33,300.00	\$2,500.00	\$7,500.00	\$3,300.00	\$9,900.00
D2-03G	MH FRAME WITH COVER, TYF	2	EA	\$20,000.00	\$33,500.00	\$87,000.00	\$9,000.00	\$18,000.00	\$12,000.00	\$24,000.00
D3-1	RAISE SEWER / DRAIN CAST	3	EA	\$350.00	\$350.00	\$1,050.00	\$350.00	\$1,050.00	\$350.00	\$1,050.00
D3-1A	ADJ. SEWER / DRAIN CASTIN	3	EA	\$800.00	\$2,700.00	\$8,100.00	\$1,400.00	\$4,200.00	\$1,650.00	\$4,950.00
D6-01	MANHOLE REHABILITATION	43	EA	\$5,000.00	\$14,235.00	\$612,105.00	\$12,000.00	\$516,000.00	\$22,000.00	\$946,000.00
D6-01B	MANHOLE REHABILITATION	235	VF	\$375.00	\$977.00	\$229,595.00	\$500.00	\$117,500.00	\$660.00	\$155,100.00
F1-02	REC SERV CONN. (W/O EXCA	55	EA	\$275.00	\$390.00	\$21,450.00	\$100.00	\$5,500.00	\$250.00	\$13,750.00
F1-03	PROTRUDING LATERAL REM	15	EA	\$260.00	\$1,000.00	\$15,000.00	\$100.00	\$1,500.00	\$675.00	\$10,125.00
F1-04	REC. SERV CONN (W/EXCAV.	2	EA	\$4,000.00	\$7,800.00	\$15,600.00	\$0.01	\$0.02	\$25,000.00	\$50,000.00
F1-15ST	STR. LINING 15" SEWER/DRAI	492	LF	\$225.00	\$141.00	\$89,372.00	\$108.00	\$53,136.00	\$200.00	\$98,400.00
F1-18ST	STR. LINING 18" SEWER/DRAI	335	LF	\$225.00	\$218.00	\$73,030.00	\$97.00	\$32,495.00	\$250.00	\$83,750.00
F1-30AST	STR. LINING 30" X 36" SEWER	330	LF	\$300.00	\$638.00	\$210,540.00	\$185.00	\$61,050.00	\$950.00	\$313,500.00
F1-36ST	STR. LINING 36" SEWER/DRAI	110	LF	\$450.00	\$1,356.00	\$149,160.00	\$460.00	\$50,600.00	\$1,200.00	\$132,000.00
F1-48A	STR. LINE 48" SEWER/DRAIN	1,665	LF	\$560.00	\$300.00	\$499,500.00	\$850.00	\$1,415,250.00	\$675.00	\$1,123,875.00
F1-57A	STR. LINE 57" SEWER/DRAIN	90	LF	\$1,000.00	\$480.00	\$43,200.00	\$1,090.00	\$98,100.00	\$1,875.00	\$168,750.00
F1-60A	STR. LINE 60" SEWER/DRAIN	1,040	LF	\$840.00	\$478.00	\$497,120.00	\$1,090.00	\$1,133,800.00	\$1,150.00	\$1,196,000.00
F1-66A	STR. LINE 66" SEWER/DRAIN	2,160	LF	\$930.00	\$524.00	\$1,131,840.00	\$1,260.00	\$2,721,600.00	\$1,430.00	\$3,088,800.00
F1-72A	STR. LINE 72" SEWER/DRAIN	440	LF	\$1,120.00	\$713.00	\$313,720.00	\$1,390.00	\$611,800.00	\$1,800.00	\$792,000.00
G1-01	POINT REPAIR	2	EA	\$30,000.00	\$8,375.00	\$16,750.00	\$1.00	\$2.00	\$50,000.00	\$100,000.00
L1-1	LANDSCAPING	1	LS	\$50,000.00	\$16,750.00	\$16,750.00	\$22,000.00	\$22,000.00	\$5,000.00	\$5,000.00
P1-1	SPEC. DUTY BOSTON POLICE	1,830	HR	\$50.60	\$50.60	\$92,598.00	\$50.60	\$92,598.00	\$50.60	\$92,598.00
P1-2	SPEC. DUTY POLICE SERG.	320	HR	\$58.30	\$58.30	\$18,656.00	\$58.30	\$18,656.00	\$58.30	\$18,656.00
P1-3	SPECIAL DUTY STATE POLICI	124	HR	\$55.00	\$55.00	\$6,820.00	\$55.00	\$6,820.00	\$55.00	\$6,820.00
P1-4	STATE POLICE TIME & A 1/2	72	HR	\$82.50	\$82.50	\$5,940.00	\$82.50	\$5,940.00	\$82.50	\$5,940.00
P1-5	SPEC. DUTY POLICE LT.	16	HR	\$60.50	\$60.50	\$968.00	\$60.50	\$968.00	\$60.50	\$968.00
P1-6	SPEC. DUTY POLICE CAPT.	16	HR	\$66.00	\$66.00	\$1,056.00	\$66.00	\$1,056.00	\$66.00	\$1,056.00
R1-1	RODENT CONTROL	1	LS	\$45,000.00	\$11,100.00	\$11,100.00	\$22,000.00	\$22,000.00	\$3,300.00	\$3,300.00
SR-1	SED. REM. - LINED LANDFILL	500	TON	\$50.00	\$56.00	\$28,000.00	\$1.00	\$500.00	\$150.00	\$75,000.00
T1-08A	12" WHITE THERMO. REFL. LI	500	SF	\$5.00	\$17.00	\$8,500.00	\$10.00	\$5,000.00	\$25.00	\$12,500.00
TV-1	CL&TV CONDUIT = > 8" < 18"	495	FT	\$10.00	\$6.00	\$2,970.00	\$7.00	\$3,465.00	\$30.00	\$14,850.00
TV-2	CL&TV CONDUIT = > 18" < 30"	335	FT	\$15.00	\$9.00	\$3,015.00	\$70.00	\$23,450.00	\$40.00	\$13,400.00
TV-3	CL&TV CONDUIT = > 30" < 48"	440	LF	\$25.00	\$17.00	\$7,480.00	\$70.00	\$30,800.00	\$65.00	\$28,600.00
TV-4	CL&TV CONDUIT = > 48" < 60"	1,750	LF	\$50.00	\$48.00	\$84,000.00	\$70.00	\$122,500.00	\$120.00	\$210,000.00
TV-5	CL&TV CONDUIT = > 60"	3,630	LF	\$75.00	\$131.00	\$475,530.00	\$70.00	\$254,100.00	\$200.00	\$726,000.00

Contract No : 17-309-015

Rehabilitation of Large Diameter Sewer Mains in City
Proper and South Boston

Bid Opening Date : 10/29/2021

Bid Opening Time : 11:00AM

BID TOTALS

\$7,638,616.20

\$8,317,109.58

\$10,189,888.00

ENGINEER'S ESTIMATE

\$7,088,808.00 Davis

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 17-309-015

No. of Vendors Solicited : * 0

No. of Vendors Requesting : 43

No. of Vendors Responding : 3

No. of MBE Solicited : * 0

No. of MBE Requesting : 0

No. of MBE Responding : 0

No. of WBE Solicited : * 0

No. of WBE Requesting : 0

No. of WBE Responding : 0

New : Y MBE : N WBE : N

Bidders

- | | |
|---|-----------------|
| 1. INSITUFORM TECHNOLOGIES CHARLTON, MA | \$7,638,616.20 |
| 2. NATIONAL WTR MAIN CLNING CANTON, MA | \$8,317,109.58 |
| 3. SAK CONSTRUCTION O'FALLON, MO | \$10,189,888.00 |

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Permission to Utilize the Massachusetts State Contract for Printing and Graphic Design Services for Commission Publications and Materials

Purpose: Information

Prepared by: *Dolores Randolph*
Dolores Randolph
Director of Communications

 X Vote

Reviewed by: *Nelson Piacenza*
Nelson Piacenza
Chief of Strategic Management
and Business Performance

Approved by: *Henry F. Vitale*
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: NA MINORITY OWNED BUSINESS: NA
WOMEN OWNED BUSINESS: NA

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize the Commonwealth of Massachusetts State Contract #OFF44 for the printing and production of educational and promotional material used by the Commission to communicate with customers.



Discussion:

To maintain compliance of the Public Education and Outreach Implementation Plan of the Consent Decree and Public Education Outreach Plan required by the Department of Environmental Protection, the Commission continues to develop publications and environmental outreach materials to elicit public awareness about stormwater pollution prevention, the health effects of lead service lines, Sanitary Sewer Overflows (SSO) and BWSC programs. Standard publications include a regular customer newsletter, topical bill inserts with key messages, and program-specific customer information materials. The Commission's outreach efforts are supplemented with additional pollution prevention brochures, educational booklets, website graphics, and marketing items that encourage the public to do their part in helping to manage stormwater. The Communications Department regularly produces notifications to apprise ratepayers of other important information. In response to the Commission's recent lead sample results which showed several incidents that exceeded the lead level of 15 ppb, the Communication Department expects to utilize these vendors to produce materials such as brochures and ads to amplify appropriate outreach efforts.

To reach a broader audience, important material will be translated into multiple languages as requested. Due to the public health concerns, the Commission will increase its efforts to engage individuals virtual and with appropriate safety protocols, in-person, through social media and other partner platforms. To educate a younger audience about pollution prevention and motivate them to teach others, materials are developed to support educational outreach to local schools, city programs, and community organizations. Virtual presentations have resumed at the schools, as the students have returned to the classrooms.

For several years, the Commission has procured these services from vendors under State Contracts. This has proven economical and efficient. The advantages of this arrangement have enabled the Commission to leverage the Commonwealth's buying power, contracting expertise, vendor management and oversight to obtain these important services.

The Commission is committed to utilizing minority and women owned business enterprises (MBE/WBE). The availability of quality MBE/WBE vendors on the state contract allows this commitment to be fulfilled. The state contract ensures that the Commission receives quality services at competitive costs.

Budget/Fiscal Impact:

An amount of \$215,000.00 has been requested in the 2022 Current Expense Budget submitted by Communications and Community Services.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

Re: AUTHORIZATION TO ADVERTISE A REQUEST FOR PROPOSALS (RFP) FOR PROFESSIONAL SERVICES TO PROVIDE ASSISTANCE IN REQUIREMENTS ASSESSMENT, EVALUATION, ACQUISITION AND IMPLEMENTATION OF A CONSTRUCTION PROJECT MANAGEMENT SYSTEM.

Purpose: Information

Prepared by: Peter Hunt *P.H.*
Chief Information Officer

X Vote

Approved by: *Henry F. Vitale*
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

Authorization is requested to publicly advertise and solicit proposals from qualified vendors for professional services to provide assistance in requirements assessment, evaluation, acquisition and implementation of a Construction Project Management System (CPMS).



BWSC's current CPMS consists of 2 custom developed applications supplemented with Microsoft Excel and Access tools along with paper-based forms that require manual data entry. These applications were developed in the 1990's and 2000's. The principal problem faced by BWSC when planning and executing capital projects is the lack of a centralized system which tracks project financials and documentation.

The primary objective for this project is to create an RFP for the replacement of BWSC's CPMS with a commercial-of-the-shelf solution and industry standard operating procedures. The IT department is seeking assistance in RFP development, contract negotiations and management consulting services through the implementation process.

Upon authorization, the IT Department will proceed with the RFP development process in accordance with the Commission's consultant selection procedures. Authorization to negotiate and execute a contract with the selected firm will be requested from the Board of Commissioners at the conclusion of this process.

Budget/Fiscal Impact:

The total cost for these services is estimated at \$750,000. Adequate funding is available in the 2022 - 2024 IT CIP Budget.

Attachments:

N/A

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2022
Re: MICROSOFT ENTERPRISE LICENSING AGREEMENT

Purpose: Information
 Vote

Prepared by: Peter Hunt P.H.
Chief Information Officer

Approved by: Henry F. Vitale
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

Authorization is requested to award a contract not to exceed \$300,000 to purchase Microsoft licensing through an Enterprise Agreement from Dell for the period January 1, 2022 to December 31, 2022. These services and products will be purchased under a Commonwealth of Massachusetts state contract.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

Discussion/Alternative:

Included in the Microsoft Enterprise Agreement is software assurance. Microsoft software assurance provides support, planning services, end-user and technical training, and the ability to upgrade to the latest software versions. The Commission utilizes the following software products from Microsoft:

- Microsoft SQL Server
- Microsoft Windows Server
- Microsoft Office 365
- Microsoft Windows 10
- Microsoft Teams
- Microsoft Visio
- Microsoft Project
- Microsoft SharePoint Server
- Microsoft Azure

Budget/Fiscal Impact:

Adequate funding has been requested in the 2022 IT Operating Budget.

Attachments:

N/A

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: DATACENTER VIRTUALIZATION RENEWAL

Purpose: Information
 X Vote

Prepared by: Peter Hunt *P.H.*
Chief Information Officer

Approved by: *Henry F. Vitale*
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

Authorization is requested to award a contract not to exceed \$96,773.18 to Dell for the renewal of a maintenance and support agreement for the Commission's Datacenter Virtualization systems for the period January 31, 2022 to January 30, 2022. The maintenance and technical support agreement renewal will be purchased under a Massachusetts State Contract.



Discussion/Alternative:

The Commission utilizes virtualization technology in the datacenter because it increases resource utilization and efficiency. Virtualization is a cost-effective option over physical servers. The maintenance and support agreement includes software licenses, patches, and upgrades. The support agreement also includes technical support for related issues. The total cost for maintenance and technical support services is estimated not to exceed \$96,773.18

Budget/Fiscal Impact:

Adequate funding has been requested in the 2022 IT Operating Budget.

Attachments:

N/A

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

Re: PERMISSION TO UTILIZE CURRENTLY APPROVED COMMONWEALTH OF MASSACHUSETTS STATE CONTRACTS, GENERAL SERVICES AGREEMENTS (GSA), AND AUTHORIZED CONSORTIUMS/COLLABORATIVE AGREEMENTS FOR THE PURCHASE OF IT HARDWARE AND MISCELLANEOUS SUPPLIES

Purpose: Information
 Vote

Prepared by: Peter Hunt P.H.
Chief Information Officer

Approved by: Henry F. Vitale
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

The Board of Commissioners authorizes the Executive Director to utilize the currently approved Commonwealth of Massachusetts State Contracts, General Services Agreements (GSA), and Authorized Consortium/Collaborative Agreements for the purchase of IT hardware and miscellaneous supplies in 2022 for an amount not to exceed \$450,000.



Discussion/Alternative:

The IT Department is seeking authorization to make purchases of selected commodities that are repetitively purchased each year.

Desktop Computers
Servers
Network Equipment
Mobile Devices
Miscellaneous Items

Budget/Fiscal Impact:

Adequate funding is available in the 2022 IT CIP Budget.

Attachments:

N/A

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: VERIZON WIRELESS AND TELECOMMUNICATION SERVICES

Purpose: Information

Prepared by: Peter Hunt *P.H.*
Chief Information Officer

 X Vote

Approved by: *Henry F. Vitale*
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

Authorization is requested to award a contract not to exceed \$309,600 to purchase wireless and telecommunication services from Verizon Wireless/Verizon New England, Inc. for the period January 1, 2022 to December 31, 2022. These services will be purchased under a Commonwealth of Massachusetts state contract and/or a GSA.



Discussion/Alternative:

The Commission utilizes wireless telecommunication services from Verizon Wireless/Verizon New England, Inc. to facilitate the transfer of data from monitoring devices placed throughout the city. Such monitoring devices include rainfall gauges, flow meters, and automatic meter reading devices. Wireless telecommunication services are also utilized to support remote access to mission critical applications using almost 170 tablets and VPN secured technology. The monthly cost for these services is estimated not to exceed \$9,500.

Dedicated telecommunication services are utilized to provide emergency backup telephone services in the event the Commission's telephone switch fails. In addition, dedicated telecommunication services are utilized to support the emergency phones located in the Commission's elevators as well as the fire alarm systems located at 980 Harrison Avenue, 120 Malden Street, and 180 Alford Street. The monthly cost for these services is estimated not to exceed \$2,000.

The Commission utilizes roughly 110 smart phones and 130 flip phones to support communications for conducting day-to-day business. These cellular services have become essential during times of emergency and allow daily business-related information to be communicated efficiently by Commission personnel. The monthly cost for these services is estimated not to exceed \$10,500.

The Commission maintains a fleet of roughly 220 vehicles. An Automatic Vehicle Location (AVL) system is used to geographically track the location of these vehicles in real time. Dispatchers utilize this system to quickly identify work crew vehicles closest to a reported incident for immediate response. The monthly cost to track the location of these vehicles using cellular services is estimated not to exceed \$3,800 per month.

The total monthly cost for wireless and telecommunication services is estimated not to exceed \$25,800 or \$309,600 for the year 2022.

Budget/Fiscal Impact:

Adequate funding has been requested in the 2022 IT Operating Budget.

Attachments:

N/A

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

RE: Recommendation to Award Contract No. 21-201-004, "Overhead Door
Maintenance and Repair Services"

Purpose: Information

Prepared by:

Joseph M. Donahue

Joseph M. Donahue
Deputy Director of Facilities

 X Vote

Reviewed by:

Nelson W. Piacenza

Nelson W. Piacenza
Chief of Strategic Management and
Business Performance

Approved by:

Henry F. Vitale

Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY
RECOMMENDATIONS WHICH INVOLVE THE AWARD OF A BWSC
CONTRACT:

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

The Board of Commissioners authorize the Executive Director to award Contract No. 21-201-004, "Overhead Door Maintenance and Repair Services" to Collins Overhead Door Inc. of Everett, Massachusetts, the sole responsive bidder, in an amount not-to-exceed \$90,600.00.



Discussion/Alternative:

At the September 22, 2021 Commission Meeting, the Board authorized the advertisement of a three-year contract for preventive maintenance and repair services for overhead doors at the Commission's Headquarters Building, 980 Harrison Avenue and Material Handling Facility at 180 - 220 Alford Street.

On October 13, 2021, Contract No. 21-201-004, "Overhead Door Maintenance and Repair Services", was advertised in the Boston Herald, COMMBUYS, Goods and Services Bulletin, BidNet and El Mundo Boston and bids were opened on November 9, 2021. The Commission received one (1) bid for Contract No. 21-201-004 from Collins Overhead Door Inc. ("Collins") of Everett, Massachusetts, in the amount of \$90,600.00. The bid received from Collins was approximately 18% below the Department's Estimate of \$110,000.00 for the contract. Reference is made to the attached Bid Tabulation and the bid breakdown shown below.

Department Estimate	\$110,000.00
Collins Overhead Door Inc.	\$90,600.00

Collins has previously provided overhead door maintenance and repair services for the Commission including the most recent three-contract contract (2019 - 2021) and performed the work satisfactorily. Facilities Staff reviewed the bid submitted by Collins for Contract No. 21-201-004 and determined that the bid was reasonable.

Therefore, permission is being requested from the Board to authorize the Executive Director to award Contract No. 21-201-004, "Overhead Door Maintenance and Repair Services", to Collins Overhead Door Inc. of Everett, Massachusetts, in an amount not-to-exceed \$90,600.00. The contract period would be January 1, 2022 through December 31, 2024.

Budget/Fiscal Impact:

Funds for the first year (2022) of the contract have been requested in the Commission's 2022 Proposed Current Expense Budget. Funding for subsequent years (2023 and 2024) of the contract will be requested for appropriation in future budgets.

Attachment:

Bid Tabulation.

PURCHASING DEPARTMENT

CONTRACT # 21-201-004

BID TABULATION

BID OPENING DA 11/9/2021

OVERHEAD DOOR MAINTENANCE & REPAIRS
AT THE COMMISSION FACILITIES, BOSTON, MA
THREE (3) YEAR CONTRACT

BID OPENING TIME: 10:00 AM

ITEM	QTY.	U/M	DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	12	MONTHS	1ST YEAR 2022 BID PRICE		\$30,200.00				
2					\$0.00		\$0.00		\$0.00
3	12	MONTHS	2ND YEAR 2023 BID PRICE		\$30,200.00		\$0.00		\$0.00
4					\$0.00		\$0.00		\$0.00
5	12	MONTHS	3RD YEAR 2024 BID PRICE		\$30,200.00		\$0.00		\$0.00
6					\$0.00		\$0.00		\$0.00
7					\$0.00		\$0.00		\$0.00
8					\$0.00		\$0.00		\$0.00
9					\$0.00		\$0.00		\$0.00
10					\$0.00		\$0.00		\$0.00
11					\$0.00		\$0.00		\$0.00
12					\$0.00		\$0.00		\$0.00
13					\$0.00		\$0.00		\$0.00
14					\$0.00		\$0.00		\$0.00
15					\$0.00		\$0.00		\$0.00
16					\$0.00		\$0.00		\$0.00
17					\$0.00		\$0.00		\$0.00
18					\$0.00		\$0.00		\$0.00
19					\$0.00		\$0.00		\$0.00
20					\$0.00		\$0.00		\$0.00
21					\$0.00		\$0.00		\$0.00
22					\$0.00		\$0.00		\$0.00
23					\$0.00		\$0.00		\$0.00
24					\$0.00		\$0.00		\$0.00
25					\$0.00		\$0.00		\$0.00
26					\$0.00		\$0.00		\$0.00
27					\$0.00		\$0.00		\$0.00
28					\$0.00		\$0.00		\$0.00
29					\$0.00		\$0.00		\$0.00
30					\$0.00		\$0.00		\$0.00
TOTALS					\$90,600.00		\$0.00		\$0.00

NOTES:

ADV. DA1 10/13/2021
 ADV. PAPER: HERALD/GR/WEB
 NO. OF VENDORS SOLICITED: 0
 NO. OF VENDORS REQUESTING: 3
 NO. OF BIDDERS RESPONDING: 1
 NO. OF MBE SOLICITED: 0
 NO. OF MBE REQUESTING: 0
 NO. OF MBE RESPONDING: 0
 NO. OF WBE SOLICITED: 0*
 NO. OF WBE REQUESTING: 0
 NO. OF WBE RESPONDING: 0
 NEW-NO MBE-NO WBE-NO 0

DEPT. EST. \$110,000.00
 BID 1. COLLINS OVERHEAD DOOR \$90,600.00 EVERETT, MA

* Certified M/WBE vendors not available in some commodities.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
RE: Recommendation to Award 2022 – 2024 Janitorial Services

Purpose: Information

 X Vote

Prepared by:

Joseph M. Donahue

Joseph M. Donahue
Deputy Director of Facilities

Reviewed by:

Nelson W. Piacenza

Nelson W. Piacenza
Chief of Strategic Performance and
Business Performance

Approved by:

Henry F. Vitale

Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT:

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

The Board of Commissioners authorize the Executive Director to award the contract for janitorial services to Compass Facility Services of Georgetown, Massachusetts, the sole eligible and responsive bidder of three (3) potential bidders, in an amount not-to-exceed \$1,199,824.00. The contract period would be January 1, 2022 through December 31, 2024.



Discussion/Alternative:

At the October 17, 2021 Commission Meeting, the Board authorized the solicitation of quotes for a three-year contract for janitorial services at Commission Headquarters and Material Handling Facility utilizing Massachusetts State Contract FAC114. The contract period would be January 1, 2022 through December 31, 2024 (3-years). The contract includes such services as cleaning offices and common areas, sweeping, vacuuming, washing/waxing vinyl floors and emptying wastepaper baskets. The contract also includes a deep-cleaning of the Commission's Café every three (3) months.

A *Scope of Work* for services to be performed under this contract was developed by staff and sent to the following FAC114 vendors:

Compass Facility Services
GDI Services, Inc.
Mouras Cleaning Services

Georgetown, Massachusetts
Waltham, Massachusetts
Fitchburg, Massachusetts

A building tour was conducted on November 10, 2021 and quotations were due by November 18, 2021. Compass Facility Services was the only vendor to attend the tour and submit a quotation (\$1,199,824.00), which was within 1% of the department's contract estimate of \$1,200,000.00

Compass Facility Services, the current janitorial services vendor, has satisfactorily performed these services for the Commission. Staff has reviewed the quotation and deem it to be reasonable. Therefore, Staff is recommending that the Board authorize the Executive Director to award the contract for janitorial services at Commission properties to Compass Facility Services of Georgetown, Massachusetts, the sole responsive bidder, in an amount not-to-exceed \$1,199,824.00. The contract period would be January 1, 2022 through December 31, 2024.

Budget/Fiscal Impact:

Funds for the first year (2022) of the contract have been requested in the Commission's 2022 Proposed Current Expense Budget. Funding for the subsequent years of the contract will be requested for appropriation in future budgets.

Attachment:

Bid Quotation



November 9, 2021

Mr. Joseph Donahue
Deputy Director of Facilities
Boston Water and Sewer Commission
980 Harrison Avenue
Boston, MA. 02119

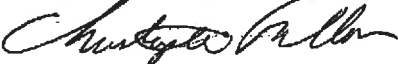
Joe,

Thank you for the opportunity to provide pricing for the cleaning services at 980 Harrison Avenue and 180-220 Alford Street in Boston, MA.

Services to be provided follows per your Statement of Work, specifications and schedules in your bid request.

Compass will provide chemicals, labor and equipment necessary for the completion of the cleaning services listed above.

Please do not hesitate to contact me should you require any additional information.

Sincerely,
Compass Facility Services

Christopher Fallon
Director of Business Development
978-872-3377

Cc: B. Greelish
D. Greelish
M. Permatteo

APPENDIX A

BID FORM

BOSTON WATER AND SEWER COMMISSION

BID FORM

Janitorial Services

**January 1, 2022 – December 31, 2022
(Year 1)**

Item Description	Units (a)	Unit Price (b)	Total Price (a) x (b)
<p>¹⁰</p> <p align="center"><u>Janitorial Services</u></p> <p>Year 1 (January 1, 2022-December 31, 2022)</p> <ul style="list-style-type: none"> • General Cleaning (Day-Time Porter, Night-Time Heavy Cleaning & Night-Time Porter Cleaning) • VCT Floor Stripping/Waxing • Heavy Café/Kitchen Cleaning 	<p>12 Mos.</p> <p>4 Times</p> <p>4 Times</p>	<p>\$30,662.00</p> <p>\$3,561.00</p> <p>\$1136.00</p>	<p>\$367,944.00</p> <p>\$14,244.00</p> <p>\$4,544.00</p>
	<p>YEAR 1</p> <p>TOTAL BID PRICE</p>	<p align="center">\$386,732.00</p>	

BOSTON WATER AND SEWER COMMISSION

BID FORM

Janitorial Services

**January 1, 2023 – December 31, 2023
(Year 2)**

Item Description	Units (a)	Unit Price (b)	Total Price (a) x (b)
<u>Janitorial Services</u>			
Year 2 (January 1, 2023-December 31, 2023)			
<ul style="list-style-type: none"> • General Cleaning (Day-Time Porter, Night-Time Heavy Cleaning & Night-Time Porter Cleaning) 	12 Mos.	\$31,701.00	\$380,412.00
<ul style="list-style-type: none"> • VCT Floor Stripping/Waxing 	4 Times	\$3,700.00	\$14,800.00
<ul style="list-style-type: none"> • Heavy Café/Kitchen Cleaning 	4 Times	\$1175.00	\$4,700.00
	YEAR 2		
	TOTAL BID PRICE	\$399,912.00	

BOSTON WATER AND SEWER COMMISSION

BID FORM

Janitorial Services

**January 1, 2024 – December 31, 2024
(Year 3)**

Item Description	Units (a)	Unit Price (b)	Total Price (a) x (b)
<u>Janitorial Services</u>			
Year 3 (January 1, 2024-December 31, 2024)			
• General Cleaning (Day-Time Porter, Night-Time Heavy Cleaning & Night-Time Porter Cleaning)	12 Mos.	\$32,731.00	\$392,772.00
• VCT Floor Stripping/Waxing	4 Times	\$3,820.00	\$15,280.00
• Heavy Café/Kitchen Cleaning	4 Times	\$1,282.00	\$5,128.00
	YEAR 3		
	TOTAL BID PRICE		\$413,180.00

BOSTON WATER AND SEWER COMMISSION

BID FORM

Janitorial Services

January 1, 2022 – December 31, 2024

(Years 1 - 3)

Description	Total Price	
<p style="text-align: center;"><u>Janitorial Services</u></p> <p>Year 1 (January 1, 2022-December 31, 2022)</p> <p>Year 2 (January 1, 2023-December 31, 2023)</p> <p>Year 3 (January 1, 2024-December 31, 2024)</p>		
	\$386,732.00	
	\$399,912.00	
\$413,180.00		
YEARS 1-3		
TOTAL BID PRICE	\$1,199,824.00	

1) The undersigned Bidder proposes to furnish and deliver to the Commission the goods of services described and/or on any attached specifications for the price indicated and the Bidder agrees to all terms and conditions set forth herein, in the Notice to Bidders.

2) Delivery or Completion is required by: Schedule

3) Bidders Estimated Delivery or Completion:

This proposal is made by the undersigned Bidder on the 9th Day of November 2021.

Terms: NET: 30 All Goods F.O.B. Boston, MA

Signature of Person Authorized to Sign Bid:

Print Name: Christopher Fallon

Signature: 

Title : Director of Business Development

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-001,
Emergency Repairs to Water Services in the City of Boston

Purpose: Information
 X Vote
 Consent Decree

Prepared by:
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by:
Paul Canavan
Director of Operations

Reviewed by:
Irene F. McSweeney, P.E.
Chief of Operations

Approved by:
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-001, Emergency Repairs to Water Services to Metro Equipment Corporation of Braintree, MA, the lowest of two bidders, in the amount of \$2,157,675.42.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-001. This annual contract involves the excavation and installation of water service pipes, hydrant lateral pipes, valves, hydrants, and other appurtenances on an emergency basis and/or as directed by the Commission in the City of Boston.

On October 26, 2021, at 10:00 AM, bids were opened for Contract No. 22-303-001. Two bid proposals were received, the lower of which was Metro Equipment Corporation of Braintree, MA with a bid in the amount of \$2,157,675.42. This bid is approximately 20% higher than the Engineer's Estimate of \$1,799,714.00.

The following are the bid results for Contract No. 22-303-001:

<u>BIDDER</u>	<u>BID PRICE</u>
<i>Engineer's Estimate</i>	<i>\$1,799,714.00</i>
Metro Equipment Corporation	\$2,157,675.42
D'Allessandro Corporation	Non-Responsive

A review of the low bidder's unit prices shows that the unit price for Items A1-1 Miscellaneous Trench Excavation (\$450.00/CY) and C3-1A Set or Reset Hydrant (\$6,000.00/EA) were higher than the unit price estimated by the engineer (\$100.00/CY and \$3,500.00/EA, respectively). The sizes of the excavations on this contract are small and the contractor has allocated a high unit cost for this work. We will closely monitor the quantities on each of these items.

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The low bidder, Metro Equipment Corporation, was awarded this annual contract five of the last seven years, and their work on the contracts has been satisfactory.

Permission is requested to award Contract 22-303-001 to Metro Equipment Corporation, the lower responsible bidder of the two bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-001 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachment:

Bid Tabulation

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
A1-1	MISC. TRENCH EXCAVATION	100	CY	\$100.00	\$450.00	\$45,000.00	\$0.01	\$1.00		\$0.00
A2-1	GRAVEL	425	CY	\$10.00	\$50.00	\$21,250.00	\$30.00	\$12,750.00		\$0.00
A7-1	SHEATHING - LEFT IN PLACE	400	SF	\$10.00	\$50.00	\$20,000.00	\$0.01	\$4.00		\$0.00
A7-1.2	TRENCH BOX INSTALLED	1	EA	\$1,000.00	\$500.00	\$500.00	\$0.01	\$0.01		\$0.00
B1-1	TEMPORARY PAVING	1,200	SY	\$125.00	\$225.00	\$270,000.00	\$100.00	\$120,000.00		\$0.00
B6-1	RESET EDGESTONE	50	LF	\$10.00	\$0.01	\$0.50	\$0.01	\$0.50		\$0.00
C1-04	LAY 4" DICL WATER PIPE	25	LF	\$130.00	\$200.00	\$5,000.00	\$400.00	\$10,000.00		\$0.00
C1-06	LAY 6" DICL WATER PIPE	200	LF	\$150.00	\$250.00	\$50,000.00	\$400.00	\$80,000.00		\$0.00
C1-08	LAY 8" DICL WATER PIPE	25	LF	\$200.00	\$200.00	\$5,000.00	\$450.00	\$11,250.00		\$0.00
C1-12	LAY 12" DICL WATER PIPE	25	LF	\$225.00	\$200.00	\$5,000.00	\$500.00	\$12,500.00		\$0.00
C1-16	LAY 16" DICL WATER PIPE	25	LF	\$275.00	\$200.00	\$5,000.00	\$750.00	\$18,750.00		\$0.00
C12-1	ABAN. EXIST. METER BOX	2	EA	\$500.00	\$0.01	\$0.02	\$1,500.00	\$3,000.00		\$0.00
C12-5	REM. METER BOX, INST. MET	2	EA	\$1,000.00	\$0.01	\$0.02	\$3,000.00	\$6,000.00		\$0.00
C2-04	SET 4" GATE VALVE	2	EA	\$500.00	\$0.01	\$0.02	\$6,000.00	\$12,000.00		\$0.00
C2-06	SET 6" GATE VALVE	4	EA	\$2,000.00	\$1,000.00	\$4,000.00	\$7,000.00	\$28,000.00		\$0.00
C2-08	SET 8" GATE VALVE	2	EA	\$3,500.00	\$500.00	\$1,000.00	\$8,000.00	\$16,000.00		\$0.00
C2-12	SET 12" GATE VALVE	1	EA	\$5,000.00	\$2,500.00	\$2,500.00	\$13,000.00	\$13,000.00		\$0.00
C2-16	SET 16" GATE VALVE	1	EA	\$8,000.00	\$3,000.00	\$3,000.00	\$16,000.00	\$16,000.00		\$0.00
C3-1A	SET OR RESET HYDRANT	45	EA	\$3,500.00	\$6,000.00	\$270,000.00	\$5,000.00	\$225,000.00		\$0.00
C3-2A	REMOVE HYDRANT	12	EA	\$2,500.00	\$2,000.00	\$24,000.00	\$4,000.00	\$48,000.00		\$0.00
C4-1	SET 3/4 INCH CORP. STOP	10	EA	\$250.00	\$0.01	\$0.10	\$600.00	\$6,000.00		\$0.00
C4-2	SET 1 INCH CORP. STOP	2	EA	\$300.00	\$0.01	\$0.02	\$650.00	\$1,300.00		\$0.00
C4-3	SET 1 1/2 INCH CORP. STOP	2	EA	\$400.00	\$0.01	\$0.02	\$800.00	\$1,600.00		\$0.00
C4-4	SET 1 1/2 X 2 INCH CORP. ST	2	EA	\$500.00	\$0.01	\$0.02	\$1,000.00	\$2,000.00		\$0.00
C4-5	LAY 3/4 INCH COPPER TUBIN	1,250	LF	\$200.00	\$210.00	\$262,500.00	\$330.00	\$412,500.00		\$0.00
C4-5L	LAY 3/4 INCH COPPER - LUTC	4,750	LF	\$200.00	\$210.00	\$997,500.00	\$330.00	\$1,567,500.00		\$0.00
C4-6	LAY 1 INCH COPPER TUBING	50	LF	\$205.00	\$210.00	\$10,500.00	\$320.00	\$16,000.00		\$0.00
C4-6L	LAY 1 INCH COPPER - LUTO	150	LF	\$205.00	\$210.00	\$31,500.00	\$320.00	\$48,000.00		\$0.00
C4-7	LAY 1 1/2 INCH COPPER TUBI	50	LF	\$210.00	\$150.00	\$7,500.00	\$330.00	\$16,500.00		\$0.00
C4-7L	LAY 1 1/2 INCH COPPER - LUT	100	lf	\$210.00	\$150.00	\$15,000.00	\$330.00	\$33,000.00		\$0.00
C4-8	LAY 2 INCH COPPER TUBING	50	LF	\$215.00	\$150.00	\$7,500.00	\$340.00	\$17,000.00		\$0.00
C4-8L	LAY 2 INCH COPPER - LUTO	50	LF	\$215.00	\$150.00	\$7,500.00	\$340.00	\$17,000.00		\$0.00
C4-9	SERVICE PIPE REPAIR	2	LS	\$1,000.00	\$2,000.00	\$4,000.00	\$7,500.00	\$15,000.00		\$0.00
C9-1A	RAISE WATER CSTG. TO GRA	10	EA	\$200.00	\$0.01	\$0.10	\$1,400.00	\$14,000.00		\$0.00
D4-02A	CEMENT CONC. SIDEWALK (E	100	SF	\$15.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00		\$0.00
L1-2A	LANDSCAPING, LOCATION *A	150	SY	\$50.00	\$225.00	\$33,750.00	\$10.00	\$1,500.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	800	HR	\$50.60	\$50.60	\$40,480.00	\$50.60	\$40,480.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	40	HR	\$58.30	\$58.30	\$2,332.00	\$58.30	\$2,332.00		\$0.00
P1-3	SPECIAL DUTY STATE POLICI	40	HR	\$55.00	\$55.00	\$2,200.00	\$55.00	\$2,200.00		\$0.00
P1-4	STATE POLICE TIME & A 1/2	20	HR	\$82.50	\$82.50	\$1,650.00	\$82.50	\$1,650.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	8	HR	\$60.50	\$60.50	\$484.00	\$60.50	\$484.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	8	HR	\$66.00	\$66.00	\$528.00	\$66.00	\$528.00		\$0.00
T1-08A	12" WHITE THERMO. REFL. LI	20	SF	\$3.00	\$0.01	\$0.20	\$0.01	\$0.20		\$0.00
T1-10A	4" WHITE THERMO. REFL. LIN	20	LF	\$2.00	\$0.01	\$0.20	\$0.01	\$0.20		\$0.00
T1-11A	4" YELLOW THERMO. REFL. L	20	LF	\$2.00	\$0.01	\$0.20	\$0.01	\$0.20		\$0.00

Contract No : **22-303-001**

Emergency Repairs to Water Services

Bid Opening Date : **10/26/2021**

Bid Opening Time : **10:00AM**

BID TOTALS	\$2,157,675.42	\$2,850,330.11	\$0.00
ENGINEER'S ESTIMATE	\$1,799,714.00	Vidalis	

NOTES

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : **22-303-001**

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 16
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0
 New : Y MBE : WBE :

Bidders

1. METRO EQUIPMENT CORPORATION BRAINTREE, MA \$2,157,675.42
2. D'ALLESSANDRO CORP AVON, MA \$0.00

* Solicitations not performed on construction contracts.

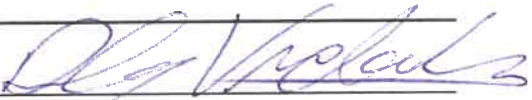
**Boston Water and
Sewer Commission**



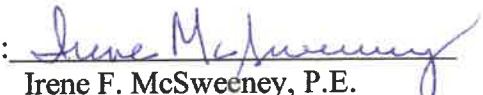
980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

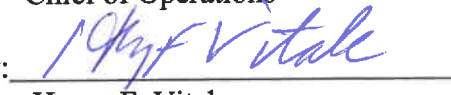
To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-002
Emergency Repairs to Sewers and Drains in the City of Boston

Purpose: Information
 Vote
 Consent Decree

Prepared by: 
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by: 
Paul Canavan
Director of Operations

Reviewed by: 
Irene F. McSweeney, P.E.
Chief of Operations

Approved by: 
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 21-303-002, Emergency Repairs to Sewers and Drains to C. Naughton Corporation of Weymouth, MA, the lowest of two bidders, in the amount of \$1,487,053.96.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-002. This annual contract involves the repair and/or replacement of damaged sewer and drain pipe, system laterals, manholes, catch basins, and system appurtenances on an emergency basis and/or as directed by the Commission in the City of Boston.

On October 26, 2021, at 10:30 AM, bids were opened for Contract No. 22-303-002. Two bid proposals were received, the lowest of which was C. Naughton Corporation of Weymouth, MA with a bid price of \$1,487,053.96, which is approximately 7% lower than the Engineer's Estimate of \$1,599,985.00.

The following are the bid results for Contract No. 22-303-002:

<u>BIDDER</u>	<u>BID PRICE</u>
C. Naughton Corporation	\$1,487,053.96
<i>Engineer's Estimate</i>	<i>\$1,599,985.00</i>
D'Allessandro Corporation	Non-Responsive

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The low bidder, C. Naughton Corporation, has been awarded the Emergency Repairs to Sewers and Drains Contract for six of the last seven years and their work on the contract is satisfactory.

Permission is requested to award Contract 22-303-002 to C. Naughton Corporation, the lowest responsible bidder of the two bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-002 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Item	Description	Qty	Un	Eng Est	Bid1 Unit \$	Bid1 Total \$	Bid2 Unit \$	Bid2 Total \$	Bid3 Unit \$	Bid3 Total \$
A1-1	MISC. TRENCH EXCAVATION	50	CY	\$100.00	\$0.01	\$0.50	\$0.01	\$0.50		\$0.00
A1-2	BELOW GRADE EXCAVATION	25	CY	\$20.00	\$0.01	\$0.25	\$25.00	\$625.00		\$0.00
A1-3	ROCK EXCAVATION	25	CY	\$50.00	\$0.01	\$0.25	\$0.01	\$0.25		\$0.00
A1-4	RAILS AND WOOD TIES	10	LF	\$2.00	\$0.01	\$0.10	\$0.01	\$0.10		\$0.00
A2-1	GRAVEL	1,000	CY	\$10.00	\$0.01	\$10.00	\$0.01	\$10.00		\$0.00
A3-1	SCREENED GRAVEL	200	CY	\$10.00	\$0.01	\$2.00	\$0.01	\$2.00		\$0.00
A7-1	SHEATHING - LEFT IN PLACE	400	SF	\$5.00	\$0.01	\$4.00	\$0.01	\$4.00		\$0.00
B1-1	TEMPORARY PAVING	750	SY	\$25.00	\$15.00	\$11,250.00	\$40.00	\$30,000.00		\$0.00
B6-1	RESET EDGESTONE	200	LF	\$20.00	\$0.01	\$2.00	\$0.01	\$2.00		\$0.00
D1-06	MINOR DRAIN	75	LF	\$30.00	\$0.01	\$0.75	\$100.00	\$7,500.00		\$0.00
D1-06A	MINOR DRAIN (DUCTILE IRON	25	LF	\$50.00	\$0.01	\$0.25	\$125.00	\$3,125.00		\$0.00
D1-101	UNIDENTIFIED SEWER/DRAIN	300	LF	\$250.00	\$100.00	\$30,000.00	\$500.00	\$150,000.00		\$0.00
D1-102	UNIDENTIFIED SEWER/DRAIN	50	LF	\$100.00	\$100.00	\$5,000.00	\$500.00	\$25,000.00		\$0.00
D2-01	MANHOLE BASE	5	EA	\$4,000.00	\$5,000.00	\$25,000.00	\$12,000.00	\$60,000.00		\$0.00
D2-02	MANHOLE WALLS	150	VF	\$100.00	\$0.01	\$1.50	\$0.01	\$1.50		\$0.00
D2-03	MANHOLE FRAME WITH COV	5	EA	\$200.00	\$0.01	\$0.05	\$1,400.00	\$7,000.00		\$0.00
D2-07	BRICKWORK IN EX. STRUCT.	30	VF	\$100.00	\$0.01	\$0.30	\$0.01	\$0.30		\$0.00
D3-1	RAISE SEWER / DRAIN CAST	1	EA	\$350.00	\$350.00	\$350.00	\$350.00	\$350.00		\$0.00
D4-02A	CEMENT CONC. SIDEWALK [E	15	SF	\$15.00	\$15.00	\$225.00	\$15.00	\$225.00		\$0.00
G1.1-01A	REPAIR SEWER/DRAIN 0'-15' I	2	LS	\$15,000.00	\$15,000.00	\$30,000.00	\$15,000.00	\$30,000.00		\$0.00
G1.1-02A	REPAIR SEWER/DRAIN >15' D	1	LS	\$10,000.00	\$0.01	\$0.01	\$15,000.00	\$15,000.00		\$0.00
G1.1-03A	PT RPR <=24" PIPE 0'-15' DEE	48	EA	\$25,000.00	\$26,500.00	\$1,272,000.00	\$28,000.00	\$1,344,000.00		\$0.00
G1.1-04A	PT RPR <=24" PIPE >15' DEEF	2	EA	\$27,000.00	\$10,000.00	\$20,000.00	\$15,000.00	\$30,000.00		\$0.00
G1.1-05A	PT RPR >24" <=48" PIPE 0'-15'	1	EA	\$25,000.00	\$50.00	\$50.00	\$20,000.00	\$20,000.00		\$0.00
G1.1-06A	PT RPR >24" <=48" PIPE >15' [1	EA	\$28,000.00	\$50.00	\$50.00	\$20,000.00	\$20,000.00		\$0.00
L1-2	LANDSCAPING	50	SY	\$50.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	680	HR	\$50.60	\$50.60	\$34,408.00	\$50.60	\$34,408.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	40	HR	\$58.30	\$58.30	\$2,332.00	\$58.30	\$2,332.00		\$0.00
P1-3	SPECIAL DUTY STATE POLICI	40	HR	\$55.00	\$55.00	\$2,200.00	\$55.00	\$2,200.00		\$0.00
P1-4	STATE POLICE TIME & A 1/2	20	HR	\$82.50	\$82.50	\$1,650.00	\$82.50	\$1,650.00		\$0.00
T1-08A	12" WHITE THERMO. REFL. LI	100	SF	\$2.00	\$0.01	\$1.00	\$0.01	\$1.00		\$0.00
T1-10A	4" WHITE THERMO. REFL. LIN	50	LF	\$1.00	\$0.01	\$0.50	\$0.01	\$0.50		\$0.00
T1-11A	4" YELLOW THERMO. REFL. L	50	LF	\$1.00	\$0.01	\$0.50	\$0.01	\$0.50		\$0.00
TV-1	CL&TV CONDUIT = > 8" < 18"	10,000	FT	\$4.00	\$5.00	\$50,000.00	\$0.01	\$100.00		\$0.00
TV-2	CL&TV CONDUIT = > 18" < 30"	1,500	FT	\$2.00	\$0.01	\$15.00	\$0.01	\$15.00		\$0.00
BID TOTALS						\$1,487,053.96		\$1,786,052.65		\$0.00
ENGINEER'S ESTIMATE						\$1,599,985.00	Vidals			

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-002

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 16
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0
 New : Y MBE : WBE :

Bidders

- 1. C. NAUGHTON CORP. WEYMOUTH, MA \$1,487,053.96
- 2. D'ALLESSANDRO CORP AVON, MA \$0.00

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-003,
Reconstruction of Drainage and Sewerage Works in the City of Boston

Purpose: Information
 Vote
 Consent Decree

Prepared by:
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by:
Paul Canavan
Director of Operations

Reviewed by:
Irene F. McSweeney, P.E.
Chief of Operations

Approved by:
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-003, Reconstruction of Drainage and Sewerage Works to Umbro and Sons of Boston, MA, the lowest of three bidders, in the amount of \$1,679,387.65.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-003. This annual contract involves the rebuilding of catch basins, laterals and manholes on as directed by the Commission in the City of Boston.

On October 26, 2021 at 11:00 AM, bids were opened for Contract No. 22-303-003. Three bid proposals were received, the lower of which was Umbro and Sons of Boston, MA with a bid price of \$1,679,387.65, which is approximately 9% lower than the Engineer's Estimate of \$1,899,457.60.

The following are the bid results for Contract No. 22-303-003:

<u>BIDDER</u>	<u>BID PRICE</u>
Umbro and Sons	\$1,679,387.65
Stevens Companies	\$1,699,757.70
<i>Engineer's Estimate</i>	<i>\$1,899,457.60</i>
D'Allessandro Corporation	Non-Responsive

A review of the low bidder's unit prices shows that the unit price for Item D3-1A Adjust Sewer/Drain Castings (\$1,325.00/EA) was lower than the unit price estimated by the engineer (\$2,100/EA). With a quantity of 750 castings, this item accounts for the difference between the contractor's bid price and the engineer's estimate.

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The lower bidder, Umbro and Sons, has completed numerous contracts in the past for the Commission and, to date, their work on the contracts is satisfactory.

Permission is requested to award Contract 22-303-003 to Umbro and Sons, the lowest responsible bidder of the three bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-003 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Item	Description	Qty	Un	Eng Est	Bid1 Unit \$	Bid1 Total \$	Bid2 Unit \$	Bid2 Total \$	Bid3 Unit \$	Bid3 Total \$
A1-1	MISC. TRENCH EXCAVATION	20	CY	\$100.00	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$300.00	\$6,000.00
A2-1	GRAVEL	150	CY	\$10.00	\$0.01	\$1.50	\$50.00	\$7,500.00	\$0.01	\$1.50
A3-1	SCREENED GRAVEL	75	CY	\$12.00	\$0.01	\$0.75	\$50.00	\$3,750.00	\$0.01	\$0.75
A7-1	SHEATHING - LEFT IN PLACE	50	SF	\$10.00	\$0.01	\$0.50	\$50.00	\$2,500.00	\$0.01	\$0.50
B1-1	TEMPORARY PAVING	1,000	SY	\$40.00	\$465.00	\$465,000.00	\$100.00	\$100,000.00	\$100.00	\$100,000.00
B1-9	NEW GRANITE EDGESTONE	50	LF	\$150.00	\$895.00	\$44,750.00	\$100.00	\$5,000.00	\$60.00	\$3,000.00
D1-06	MINOR DRAIN	125	LF	\$200.00	\$40.00	\$5,000.00	\$900.00	\$112,500.00	\$400.00	\$50,000.00
D1-06A	MINOR DRAIN (DUCTILE IRON	75	LF	\$225.00	\$160.00	\$12,000.00	\$375.00	\$28,125.00	\$400.00	\$30,000.00
D2-03	MANHOLE FRAME WITH COV	5	EA	\$350.00	\$0.01	\$0.05	\$0.01	\$0.05	\$1,400.00	\$7,000.00
D2-04	CATCH BASIN	5	EA	\$5,000.00	\$0.01	\$0.05	\$7,500.00	\$37,500.00	\$12,000.00	\$60,000.00
D2-04B	C.B., TYPE 13 MODIFICATION	10	EA	\$2,500.00	\$0.01	\$0.10	\$4,000.00	\$40,000.00	\$3,300.00	\$33,000.00
D2-04E	RESET BRADLEY HEAD GR. A	5	EA	\$300.00	\$0.01	\$0.05	\$4,000.00	\$20,000.00	\$2,000.00	\$10,000.00
D2-05	NEW HOOD IN EX. CB	125	EA	\$350.00	\$350.00	\$43,750.00	\$350.00	\$43,750.00	\$350.00	\$43,750.00
D2-06	NEW HOOD+TRAP IN EX. CB.	75	EA	\$355.00	\$355.00	\$26,625.00	\$355.00	\$26,625.00	\$355.00	\$26,625.00
D2-07	BRICKWORK IN EX. STRUCT.	200	VF	\$100.00	\$0.01	\$2.00	\$300.00	\$60,000.00	\$800.00	\$160,000.00
D2-08	DROP INLET	5	EA	\$3,000.00	\$3,500.00	\$17,500.00	\$4,000.00	\$20,000.00	\$3,500.00	\$17,500.00
D2-09	CATCH BASIN REHABILITAT	5	EA	\$2,000.00	\$5,500.00	\$27,500.00	\$2,000.00	\$10,000.00	\$2,000.00	\$10,000.00
D2-09A	TYPE 13 INLET REHABILITATI	1	EA	\$2,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00
D2-12A	MANHOLE MODIFICATION	10	EA	\$2,000.00	\$100.00	\$1,000.00	\$9,000.00	\$90,000.00	\$3,000.00	\$30,000.00
D2-83A	TRNSPRT. FRM+CVR OR GRA	5	EA	\$10.00	\$0.01	\$0.05	\$0.01	\$0.05	\$0.01	\$0.05
D3-1A	ADJ. SEWER / DRAIN CASTIN	750	EA	\$2,100.00	\$1,325.00	\$993,750.00	\$1,400.00	\$1,050,000.00	\$2,250.00	\$1,687,500.00
P1-1	SPEC. DUTY BOSTON POLICE	720	HR	\$50.60	\$50.60	\$36,432.00	\$50.60	\$36,432.00	\$50.60	\$36,432.00
P1-2	SPEC. DUTY POLICE SERG.	32	HR	\$58.30	\$58.30	\$1,865.60	\$58.30	\$1,865.60	\$58.30	\$1,865.60
P1-3	SPECIAL DUTY STATE POLICI	16	HR	\$55.00	\$55.00	\$880.00	\$55.00	\$880.00	\$55.00	\$880.00
P1-4	STATE POLICE TIME & A 1/2	4	HR	\$82.50	\$82.50	\$330.00	\$82.50	\$330.00	\$82.50	\$330.00

BID TOTALS \$1,679,387.65 \$1,699,757.70 \$2,317,885.40

ENGINEER'S ESTIMATE \$1,899,457.60 Vidalis

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-003

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 21
 No. of Vendors Responding : 3
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0
 New : Y MBE : WBE :

Bidders

- 1. UMBRO AND SONS BOSTON, MA \$1,679,387.65
- 2. STEVENS COMPANIES EVERETT, MA \$1,699,757.70
- 3. D'ALLESSANDRO CORP AVON, MA \$0.00

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-004,
Cleaning and Television Inspection of Sewers and Storm Drains in the City of Boston.

Purpose: Information


 X Vote

 Consent Decree

Prepared by:


Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by:


Paul Canavan
Director of Operations

Reviewed by:


Irene F. McSweeney, P.E.
Chief of Operations

Approved by:


Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-004, Cleaning and Television Inspection of Sewers and Storm Drains in the City of Boston to National Water Main Cleaning Co. of Canton, MA, the sole bidder, in the amount of \$424,450.10.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement of Contract No. 22-303-004 for bidding. This annual contract involves the on-call cleaning and televising of the interiors of sanitary sewers, combined sewers, and storm drains throughout the City of Boston.

The bid for Contract No. 22-303-004 was opened on October 26, 2021 at 11:30 AM. National Water Main Cleaning Co. of Canton, MA submitted the sole bid in the amount of \$424,450.10. The bid submitted by National Water Main Cleaning Co.. is approximately 15% lower than the engineer's estimate of \$499,450.00.

The following are the bid results for Contract No. 22-303-004:

<u>BIDDER</u>	<u>BID PRICE</u>
National Water Main Cleaning Co.	\$424,450.10
<i>Engineer's Estimate</i>	<i>\$499,450.00</i>

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. It is therefore recommended that Contract No. 22-303-004 be awarded to National Water Main Cleaning Co., the sole responsible bidder.

Budget/Fiscal Impact:

Funds for Contract 22-303-004 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments: Bid Tabulation

Contract No : 22-303-004

Cleaning and Television Inspection of Sewers and Drains
in the City of Boston

Bid Opening Date : 10/26/2021

Bid Opening Time : 11:30AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
CL-1	EXTEN CL&TV = > 8" < 18"	15,000	FT	\$12.00	\$8.50	\$127,500.00		\$0.00		\$0.00
CL-2	EXTEN CL&TV = > 18" < 30"	5,000	FT	\$20.00	\$18.50	\$92,500.00		\$0.00		\$0.00
CL-3	EXTEN CL&TV = > 30" < 48"	3,000	FT	\$28.00	\$25.50	\$76,500.00		\$0.00		\$0.00
CL-4	EXTEN CL&TV = > 48" < 60"	1,000	FT	\$33.00	\$32.00	\$32,000.00		\$0.00		\$0.00
CL-5	EXTEN CL&TV = > 60"	1,000	FT	\$38.00	\$32.50	\$32,500.00		\$0.00		\$0.00
D3-1	RAISE SEWER / DRAIN CAST	10	EA	\$350.00	\$350.00	\$3,500.00		\$0.00		\$0.00
F1-03	PROTRUDING LATERAL REM	10	EA	\$100.00	\$0.01	\$0.10		\$0.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	800	HR	\$50.60	\$50.60	\$40,480.00		\$0.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	200	HR	\$58.30	\$58.30	\$11,660.00		\$0.00		\$0.00
P1-3	SPECIAL DUTY STATE POLICI	60	HR	\$55.00	\$55.00	\$3,300.00		\$0.00		\$0.00
P1-4	STATE POLICE TIME & A 1/2	24	HR	\$82.50	\$82.50	\$1,980.00		\$0.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	20	HR	\$60.50	\$60.50	\$1,210.00		\$0.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	20	HR	\$66.00	\$66.00	\$1,320.00		\$0.00		\$0.00
BID TOTALS						\$424,450.10		\$0.00		\$0.00
ENGINEER'S ESTIMATE						\$499,450.00	Vidalls			

NOTES:

Adv Date : 6/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-004

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 15
 No. of Vendors Responding : 1
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0

Bidders

1. NATIONAL WTR MAIN CLNING CANTON, MA \$424,450.10

New : Y MBE : WBE :

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**

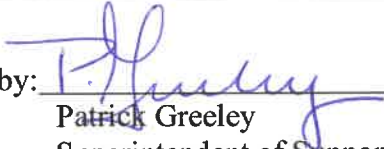
980 Harrison Avenue
Boston, MA 02119

617-989-7000
Fax: 617-989-7718

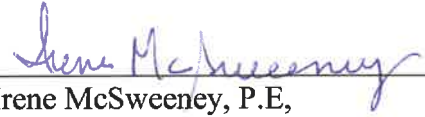


To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Recommendation to Award Contract No. 22-303-005 for Disposal/Reuse of Waste Trench Excavate


Purpose: Information

Prepared by: 
Patrick Greeley
Superintendent of Support Services

 X Vote

Reviewed by: 
Irene McSweeney, P.E,
Chief of Operations

 Consent Decree

Approved by: 
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

To award Contract No. 22-303-005 for Disposal/Reuse of Waste Trench Excavate to Mario Susi and Sons, Inc. of Dorchester MA, the only bid received in the amount of \$133,750.00.

Discussion/Alternative:

At the August 24, 2021 Commission meeting, the Executive Director was authorized to advertise Contract 22-303-005. This Contract is an annual contract which involves the testing, transporting and disposal/reuse of waste trench excavate generated from the repair of the Commission's water and wastewater infrastructure in the City of Boston.



The contract bid was opened on October 28, 2021 at 10:00 AM. Nine (9) vendors requested contract documents, which One (1) bid was received. Mario Susi and Sons, Inc. of Dorchester, MA, the only responding vendor, submitted a bid in the amount of \$133,750.00. The bid amount is approximately 11% higher than the Engineer's Estimate of \$120,000.00.

Bid results are represented below:

<u>BIDDERS</u>	<u>BID PRICE</u>
<i>Engineer's Estimate</i>	<i>\$120,000.00</i>
Mario Susi & Son, Inc.	\$133,750.00

Historical unit prices paid for disposal/reuse of waste trench excavate range from \$25.25 per ton in 2021 to \$25.65 per ton in 2020. The 2022 bid price represents an increase of \$1.50 per ton from the 2021 bid price. After review, Operations Department has determined the bid amount to be reasonable.

Therefore, it is recommended that Contract 22-303-005 be awarded to Mario Susi and Sons Inc., the only qualified bid received.

Budget/Fiscal Impact:

Funds for the annual contract for the Disposal/Reuse of Waste Trench Excavate will be included in the Commission's 2022 Proposed Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Contract No : 22-303-005

Disposal and Reuse of Waste Trench Excavate

Bid Opening Date : 10/28/2021

Bid Opening Time : 10:00AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
WTE-1	WASTE TRENCH EXCAVATE	5,000	TON	\$24.00	\$26.75	\$133,750.00		\$0.00		\$0.00

BID TOTALS

\$133,750.00

\$0.00

\$0.00

ENGINEER'S ESTIMATE

\$120,000.00

Vidalls

NOTES:

Adv Date : 9/29/2021

Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-005

No. of Vendors Solicited : * 0

No. of Vendors Requesting : 9

No. of Vendors Responding : 1

No. of MBE Solicited : * 0

No. of MBE Requesting : 0

No. of MBE Responding : 0

No. of WBE Solicited : * 0

No. of WBE Requesting : 0

No. of WBE Responding : 0

New : Y MBE : WBE :

Bidders

1. MARIO SUSI & SON, INC. DORCHESTER, MA

\$133,750.00

* Solicitations not performed on construction contracts.

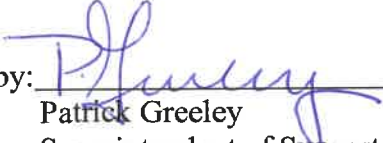
**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718

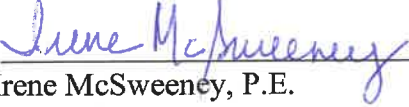


To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Recommendation to Award Contract No. 22-303-006 for Disposal/Reuse of Waste Sewer Cleanings

Purpose: Information

Prepared by: 
Patrick Greeley
Superintendent of Support Services

Vote

Reviewed by: 
Irene McSweeney, P.E.
Chief of Operations

Consent Decree

Approved by: 
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

To award Contract No. 22-303-006 for Disposal/Reuse of Waste Sewer Cleanings to W.L. French Excavating Company of North Billerica, MA, the lowest of Two (2) bidders, in the amount of \$326,895.00.

Discussion/Alternative:

At the August 21, 2020 Commission meeting, the Executive Director was authorized to advertise Contract 22-303-006. This Contract is an annual contract which involves the testing, transporting and disposal/reuse of waste sewer cleanings generated from the cleaning of sewers, combined sewers and drains in the City of Boston.



The contract bids were opened on October 28, 2021 at 10:30 AM. Eleven (11) vendors requested contract documents, which Two (2) bids were received. W.L. French Excavating Company of North Billerica, MA submitted the lowest of Two (2) bidders in the amount of \$326,895.00. The bid amount is approximately 9% higher than the Engineer's estimate of \$299,925.00.

Bid results are presented below:

<u>BIDDERS</u>	<u>BID PRICE</u>
<i>Engineer's Estimate</i>	\$ 299,925.00
W. L. French Excavating Company	\$ 326,895.00
Charter Contracting	\$ 375,162.00

Historical unit prices paid for disposal of waste sewer cleaning range from \$104.44 per ton in 2021 to \$101.08 per ton in 2020. The 2022 bid price represents an increase of \$1.01 per ton from the 2021 bid price. After review, Operations Department has determined it to be reasonable.

Therefore, it is recommended that Contract 22-303-006 be awarded to W.L. French Excavating Company, the lowest of Two (2) qualified bids received.

Budget/Fiscal Impact:

Funds for the annual contract for the Disposal/Reuse of Waste Sewer Cleanings will be included in the Commission's 2022 Proposed Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Contract No : 22-303-006

Disposal and Reuse of Waste Sewer Cleanings

Bid Opening Date : 10/28/2021

Bid Opening Time : 10:30AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
WM-12	DISPOSAL OF WASTE 'A'	3,100	TON	\$96.75	\$105.45	\$326,895.00	\$121.02	\$375,162.00		\$0.00

BID TOTALS

\$326,895.00

\$375,162.00

\$0.00

ENGINEER'S ESTIMATE

\$299,925.00

Vidalis

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-006

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 11
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0

Bidders

1. W.L. FRENCH N. BILLERICA, MA \$326,895.00
 2. CHARTER CONTRACTING CO., LLC BOSTON, MA \$375,162.00

New : Y MBE : WBE :

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Recommendation to Award Contract No. 22-303-007 for Disposal/Reuse of Waste Catch Basin Cleanings

Purpose: Information

Prepared by: *P. Greeley*
Patrick Greeley
Superintendent of Support Services

 X Vote

Reviewed by: *Irene McSweeney*
Irene McSweeney, P.E.
Chief of Operations

 Consent Decree

Approved by: *Henry F. Vitale*
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: N/A MINORITY OWNED BUSINESS: N/A
WOMEN OWNED BUSINESS: N/A

Recommendation:

To award Contract No. 22-303-007 for Disposal/Reuse of Waste Catch Basin Cleanings to W.L. French Excavating Company of North Billerica, MA, the lowest of Two (2) bidders, in the amount of \$318,060.00.

Discussion/Alternative:

At the August 24, 2021 Commission meeting, the Executive Director was authorized to advertise Contract 22-303-007. This Contract is an annual contract which involves the testing, transporting and disposal/reuse of cleanings generated from catch basins in the City of Boston.



The contract bids were opened on October 28, 2021 at 11:00 AM. Six (6) vendors requested contract documents, which Two (2) bids were received. W.L. French Excavating Company of North Billerica, MA submitted the lowest of Two (2) bidders in the amount of \$318,060.00. The bid amount is approximately 34% lower than the estimate of \$450,000.00.

Bid results are presented below:

<u>BIDDERS</u>	<u>BID PRICE</u>
W. L. French Excavating Company	\$ 318,060.00
Charter Contracting	\$ 426,060.00
<i>Engineer's Estimate</i>	<i>\$ 450,000.00</i>

Historical unit prices paid for disposal of waste catch basin cleaning range from \$67.48 per ton in 2021 to \$65.24 per ton in 2020. The 2022 bid price represents an increase of \$3.20 per ton from the 2021 bid price. After review, Operations Department has determined the bid amount to be reasonable.

Therefore, it is recommended that Contract 22-303-006 be awarded to W.L. French Excavating Company, the lowest of Two (2) qualified bids received.

Budget/Fiscal Impact:

Funds for the annual contract for the Disposal/Reuse of Waste Catch Basin Cleanings will be included in the Commission's 2022 Proposed Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Contract No : 22-303-007

Disposal and Reuse of Waste Catch Basin Cleanings

Bid Opening Date : 10/28/2021

Bid Opening Time : 11:00AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
WCB-1	WASTE CATCHBASIN CLEANI	4,500	TON	\$100.00	\$70.68	\$318,060.00	\$84.68	\$426,060.00		\$0.00

BID TOTALS

\$318,060.00

\$426,060.00

\$0.00

ENGINEER'S ESTIMATE

\$450,000.00

Vidalls

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-007

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 6
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0

Bidders

1. W.L. FRENCH N. BILLERICA, MA \$318,060.00
 2. CHARTER CONTRACTING CO., LLC BOSTON, MA \$426,060.00

New : Y MBE : WBE :

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-008,
Restoration of Water and Sewer Permanent Paving of Excavations in the City of Boston

Purpose: Information
 X Vote
 Consent Decree

Prepared by:
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by:
Paul Canavan
Director of Operations

Reviewed by:
Irene F. McSweeney, P.E.
Chief of Operations

Approved by:
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-008, Restoration of Water and Sewer Permanent Paving of Excavations to Lorusso Corporation of Plainville, MA, the lowest of two bidders, in the amount of \$1,475,450.00.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-008. This annual contract involves the restoration of water and sewer pavement excavations on an emergency basis and/or as directed by the Commission in the City of Boston.

On October 27, 2021, at 10:00 AM, bids were opened for Contract No. 22-303-008. Two bid proposals were received, the lower of which was Lorusso Corporation of Plainville, MA with a bid in the amount of \$1,475,450.00, which is approximately 5% higher than the Engineer's Estimate of \$1,399,700.00.

The following are the bid results for Contract No. 22-303-008:

<u>BIDDER</u>	<u>BID PRICE</u>
<i>Engineer's Estimate</i>	<i>\$1,399,700.00</i>
Lorusso Corporation	\$1,475,450.00
Mario Susi & Son, Inc.	\$1,660,900.00

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The lower bidder, Lorusso Corporation, has completed numerous contracts in the past for the Commission and, to date, their work on the contracts is satisfactory.

Permission is requested to award Contract 22-303-008 to Lorusso Corporation, the lower responsible bidder of the two bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-008 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Item	Description	Qty	Un	Eng Est	Bid1 Unit \$	Bid1 Total \$	Bid2 Unit \$	Bid2 Total \$	Bid3 Unit \$	Bid3 Total \$
A2-1	GRAVEL	50	CY	\$10.00	\$30.00	\$1,500.00	\$15.00	\$750.00		\$0.00
B1-1	TEMPORARY PAVING	3,000	SY	\$40.00	\$45.00	\$135,000.00	\$70.00	\$210,000.00		\$0.00
B1-2	PERM. TRENCH REP. - BOSTON	14,500	SY	\$80.00	\$84.00	\$1,218,000.00	\$90.00	\$1,305,000.00		\$0.00
B1-3	PERM PAVING IN DCR STREE	200	SY	\$70.50	\$30.00	\$6,000.00	\$95.00	\$19,000.00		\$0.00
B1-4	PERM. PAVING IN STATE HWY	100	SY	\$70.50	\$20.00	\$2,000.00	\$65.00	\$6,500.00		\$0.00
B1-5	BIT. CONC. OVERLAY PAVING	200	SY	\$5.00	\$15.00	\$3,000.00	\$15.00	\$3,000.00		\$0.00
B5-1	BIT. CONC. MILLING	200	SY	\$3.00	\$5.00	\$1,000.00	\$15.00	\$3,000.00		\$0.00
B6-1	RESET EDGESTONE	100	LF	\$12.00	\$10.00	\$1,000.00	\$20.00	\$2,000.00		\$0.00
C9-1A	RAISE WATER CSTG. TO GRADE	10	EA	\$200.00	\$40.00	\$400.00	\$100.00	\$1,000.00		\$0.00
D3-1A	ADJ. SEWER / DRAIN CASTING	10	EA	\$350.00	\$60.00	\$600.00	\$100.00	\$1,000.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	600	HR	\$50.60	\$50.60	\$30,360.00	\$50.60	\$30,360.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	200	HR	\$58.30	\$58.30	\$11,660.00	\$58.30	\$11,660.00		\$0.00
P1-3	SPECIAL DUTY STATE POLICE	40	HR	\$55.00	\$55.00	\$2,200.00	\$55.00	\$2,200.00		\$0.00
P1-4	STATE POLICE TIME & A 1/2	40	HR	\$82.50	\$82.50	\$3,300.00	\$82.50	\$3,300.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	20	HR	\$60.50	\$60.50	\$1,210.00	\$60.50	\$1,210.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	20	HR	\$66.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00		\$0.00
T1-03	TRAFFIC SIGNAL CABLE	50	LF	\$1.00	\$1.00	\$50.00	\$1.00	\$50.00		\$0.00
T1-04	LOOP DET. LEAD-IN CABLE	50	LF	\$1.00	\$1.00	\$50.00	\$1.00	\$50.00		\$0.00
T1-05	INTERCONNECT CABLE	50	LF	\$1.00	\$1.00	\$50.00	\$1.00	\$50.00		\$0.00
T1-06	WIRE LOOP INST IN RDWY.	250	LF	\$2.00	\$14.00	\$3,500.00	\$20.00	\$5,000.00		\$0.00
T1-08A	12" WHITE THERMO. REFL. LIN	7,500	SF	\$5.00	\$5.00	\$37,500.00	\$6.00	\$45,000.00		\$0.00
T1-08B	PAVE. ARROW/LEGEND-WHITE	100	SF	\$3.00	\$50.00	\$5,000.00	\$10.00	\$1,000.00		\$0.00
T1-08C	BICYCLE SYMBOL	100	SF	\$1.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00		\$0.00
T1-10A	4" WHITE THERMO. REFL. LIN	850	LF	\$1.00	\$5.00	\$4,250.00	\$3.00	\$2,550.00		\$0.00
T1-11A	4" YELLOW THERMO. REFL. LIN	300	LF	\$1.00	\$5.00	\$1,500.00	\$3.00	\$900.00		\$0.00

BID TOTALS

\$1,475,450.00

\$1,660,900.00

\$0.00

ENGINEER'S ESTIMATE

\$1,399,700.00 **Vidalis**

NOTES:

Adv Date : 9/29/2021

Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-008

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 9
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0
 New : Y MBE : WBE :

Bidders

- 1. LORUSSO CORPORATION PLAINVILLE, MA \$1,475,450.00
- 2. MARIO SUSI & SON, INC. DORCHESTER, MA \$1,660,900.00

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-009
Restoration of Water and Sewer Sidewalk Excavations in the City of Boston

Purpose: Information

 X Vote

 Consent Decree

Prepared by: 

Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by: 

Paul Canavan
Director of Operations

Reviewed by: 

Irene F. McSweeney, P.E.
Chief of Operations

Approved by: 

Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-009, Restoration of Water and Sewer Sidewalk Excavations to P.G. Construction, Inc. of Quincy, MA, the sole bidder, in the amount of \$875,007.10.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-009. This annual contract involves the restoration of water and sewer sidewalk excavations on an emergency basis and/or as directed by the Commission in the City of Boston.

On October 27, 2021, at 10:30 AM, bids were opened for Contract No. 22-303-009. One bid proposal was received from P.G. Construction, Inc. of Quincy, MA with a bid in the amount of \$875,007.10, which is less than 12% lower than the Engineer's Estimate of \$999,494.00.

The following are the bid results for Contract No. 22-303-009:

<u>BIDDER</u>	<u>BID PRICE</u>
P.G. Construction, Inc.	\$875,007.10
<i>Engineer's Estimate</i>	<i>\$999,494.00</i>

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The lowest bidder, P.G. Construction, Inc., was awarded the last six years of Restoration of Water and Sewer Sidewalk Excavations Contracts and their work on these contracts has been satisfactory.

Permission is requested to award Contract 22-303-009 to P.G. Construction, Inc., the sole responsible bidder.

Budget/Fiscal Impact:

Funds for Contract 22-303-009 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Contract No : 22-303-009

Restoration of Sidewalk Excavations Citywide

Bid Opening Date : 10/27/2021

Bid Opening Time : 10:30AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
B2-03	BRICK SIDEWALK ON SAND E	100	SF	\$14.00	\$0.01	\$1.00		\$0.00		\$0.00
B2-04	BRICK SIDEWALK ON CONC.	1,000	SF	\$29.00	\$0.01	\$10.00		\$0.00		\$0.00
B2-05	BRICK SDWLK ON BIT.CONC.	100	SF	\$28.00	\$55.00	\$5,500.00		\$0.00		\$0.00
B6-1	RESET EDGESTONE	200	LF	\$10.00	\$0.01	\$2.00		\$0.00		\$0.00
C9-1	RAISE WATER CSTG. TO GRA	10	EA	\$200.00	\$200.00	\$2,000.00		\$0.00		\$0.00
D18-1	PEDESTRIAN RAMP	750	SF	\$20.00	\$14.40	\$10,800.00		\$0.00		\$0.00
D3-1	RAISE SEWER / DRAIN CAST	10	EA	\$350.00	\$350.00	\$3,500.00		\$0.00		\$0.00
D3-1A	ADJ. SEWER / DRAIN CASTIN	10	EA	\$100.00	\$0.01	\$0.10		\$0.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	720	HR	\$50.60	\$50.60	\$36,432.00		\$0.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	80	HR	\$58.30	\$58.30	\$4,664.00		\$0.00		\$0.00
P1-3	SPECIAL DUTY STATE POLICI	40	HR	\$55.00	\$55.00	\$2,200.00		\$0.00		\$0.00
P1-4	STATE POLICE TIME & A 1/2	24	HR	\$82.50	\$82.50	\$1,980.00		\$0.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	12	HR	\$60.50	\$60.50	\$726.00		\$0.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	12	HR	\$66.00	\$66.00	\$792.00		\$0.00		\$0.00
SW2-1	CONCRETE SIDEWALK	56,000	SF	\$16.00	\$14.40	\$806,400.00		\$0.00		\$0.00
BID TOTALS						\$875,007.10		\$0.00		\$0.00
ENGINEER'S ESTIMATE						\$999,494.00	Vidalls			

NOTES:

Adv Date : 9/29/2021

Adv Paper : HERALD/ELMUNDO

Contract : 22-303-009

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 11
 No. of Vendors Responding : 1
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0
 New : Y MBE : WBE :

Bidders

1. P. G. CONSTRUCTION, INC. QUINCY, MA

\$875,007.10

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

Re: Request to Award Contract No. 22-303-010,
Catch Basin Cleaning I in the City of Boston

Purpose: Information
 Vote
 Consent Decree

Prepared by:
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director

Reviewed by:
Paul Canavan
Director of Operations

Reviewed by:
Irene F. McSweeney, P.E.
Chief of Operations

Approved by:
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-010, Catch Basin Cleaning I to Rapid Flow of Revere, MA, the lowest of two bidders, in the amount of \$803,794.00.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-010. The Contract involves the cleaning and inspection of catch basins throughout the northern half of the City of Boston.

On October 27, 2021, at 11:00 AM, bids were opened for Contract No. 22-303-010. Two bid proposals were received, the lower of which was from Rapid Flow, Inc. of Revere, MA with a bid in the amount of \$803,794.00, which is approximately 8% higher than the Engineer's Estimate of \$743,694.00.

The following are the bid results for Contract 22-303-010:

<u>BIDDER</u>	<u>BID PRICE</u>
<i>Engineer's Estimate</i>	<i>\$743,694.00</i>
Rapid Flow, Inc.	\$803,794.00
National Water Main Cleaning	\$832,194.00

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The lower bidder, Rapid Flow, Inc., has completed numerous catch basin cleaning contracts in the past for the Commission and, to date, their work is satisfactory.

Permission is requested to award Contract 22-303-010 to Rapid Flow, Inc., the lower responsible bidder of the two bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-010 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
D12-01	ROD AND FLUSH SEWER/DR/	100	HR	\$100.00	\$1.00	\$100.00	\$185.00	\$18,500.00		\$0.00
D2-04D	CATCH BASIN CLEANING	10,000	EA	\$60.00	\$67.00	\$670,000.00	\$68.00	\$680,000.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	2,500	HR	\$50.60	\$50.60	\$126,500.00	\$50.60	\$126,500.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	80	HR	\$58.30	\$58.30	\$4,664.00	\$58.30	\$4,664.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	20	HR	\$60.50	\$60.50	\$1,210.00	\$60.50	\$1,210.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	20	HR	\$66.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00		\$0.00

BID TOTALS

\$803,794.00

\$832,194.00

\$0.00

ENGINEER'S ESTIMATE

\$743,694.00 Vidalis

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-010

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 13
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0

Bidders

- | | |
|--|--------------|
| 1. RAPID FLOW, INC. REVERE, MA | \$803,794.00 |
| 2. NATIONAL WTR MAIN CLNING CANTON, MA | \$832,194.00 |

New : Y MBE : WBE :

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**



980 Harrison Avenue
Boston, MA 02119-2540
617-989-7000

To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Request to Award Contract No. 22-303-011,
Catch Basin Cleaning II in the City of Boston

Purpose: Information
 Vote
 Consent Decree

Prepared by:
Demetrios G. Vidalis, P.E.
Superintendent of Asset Management/
CMOM Director
Reviewed by:
Paul Canavan
Director of Operations
Reviewed by:
Irene F. McSweeney, P.E.
Chief of Operations
Approved by:
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

To authorize the Executive Director to award Contract No. 22-303-011, Catch Basin Cleaning II to Rapid Flow of Revere, MA, the lowest of two bidders, in the amount of \$803,794.00.



Discussion/Alternative:

At the August 24, 2021 meeting, the Commission authorized the advertisement for bids for Contract No. 22-303-011. The Contract involves the cleaning and inspection of catch basins throughout the northern half of the City of Boston.

On October 27, 2021, at 11:30 AM, bids were opened for Contract No. 22-303-011. Two bid proposals were received, the lower of which was from Rapid Flow, Inc. of Revere, MA with a bid in the amount of \$803,794.00, which is approximately 15% lower than the Engineer's Estimate of \$943,694.00.

The following are the bid results for Contract 22-303-011:

<u>BIDDER</u>	<u>BID PRICE</u>
Rapid Flow, Inc.	\$803,794.00
National Water Main Cleaning	\$832,194.00
<i>Engineer's Estimate</i>	<i>\$943,694.00</i>

The Operations Department has reviewed the bid prices and finds them to be reasonable and acceptable. The lower bidder, Rapid Flow, Inc., has completed numerous catch basin cleaning contracts in the past for the Commission and, to date, their work is satisfactory.

Permission is requested to award Contract 22-303-011 to Rapid Flow, Inc., the lower responsible bidder of the two bid proposals received.

Budget/Fiscal Impact:

Funds for Contract 22-303-011 are included in the Commission's 2022 Current Expense Budget (CEB).

Attachments:

Bid Tabulation

Contract No : 22-303-011

CATCH BASIN CLEANING II

Bid Opening Date : 10/27/2021

Bid Opening Time : 11:30AM

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Un</u>	<u>Eng Est</u>	<u>Bid1 Unit \$</u>	<u>Bid1 Total \$</u>	<u>Bid2 Unit \$</u>	<u>Bid2 Total \$</u>	<u>Bid3 Unit \$</u>	<u>Bid3 Total \$</u>
D12-01	ROD AND FLUSH SEWER/DRV	100	HR	\$100.00	\$1.00	\$100.00	\$185.00	\$18,500.00		\$0.00
D2-04D	CATCH BASIN CLEANING	10,000	EA	\$80.00	\$67.00	\$670,000.00	\$68.00	\$680,000.00		\$0.00
P1-1	SPEC. DUTY BOSTON POLICE	2,500	HR	\$50.60	\$50.60	\$126,500.00	\$50.60	\$126,500.00		\$0.00
P1-2	SPEC. DUTY POLICE SERG.	80	HR	\$58.30	\$58.30	\$4,664.00	\$58.30	\$4,664.00		\$0.00
P1-5	SPEC. DUTY POLICE LT.	20	HR	\$80.50	\$60.50	\$1,210.00	\$60.50	\$1,210.00		\$0.00
P1-6	SPEC. DUTY POLICE CAPT.	20	HR	\$66.00	\$66.00	\$1,320.00	\$66.00	\$1,320.00		\$0.00

BID TOTALS

\$803,794.00

\$832,194.00

\$0.00

ENGINEER'S ESTIMATE

\$943,694.00 Vidalis

NOTES:

Adv Date : 9/29/2021 Adv Paper : HERALD/ ELMUNDO

Contract : 22-303-011

No. of Vendors Solicited : * 0
 No. of Vendors Requesting : 13
 No. of Vendors Responding : 2
 No. of MBE Solicited : * 0
 No. of MBE Requesting : 0
 No. of MBE Responding : 0
 No. of WBE Solicited : * 0
 No. of WBE Requesting : 0
 No. of WBE Responding : 0

Bidders

1. RAPID FLOW, INC. REVERE, MA \$803,794.00
 2. NATIONAL WTR MAIN CLNING CANTON, MA \$832,194.00

New : Y MBE : WBE :

* Solicitations not performed on construction contracts.

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119

617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission

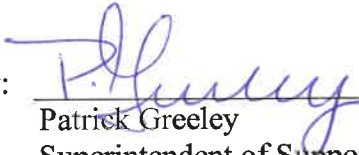
From: Henry F. Vitale, Executive Director

Date: November 30, 2021

RE: Permission to utilize the current approved Commonwealth of Massachusetts
State Contract CLT08 for Miscellaneous Clothing, Footwear and Accessories

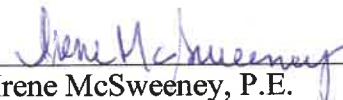
Purpose: Information

Prepared by:


Patrick Greeley
Superintendent of Support Services

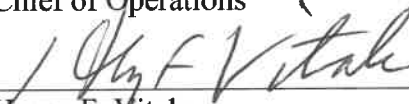
 X Vote

Reviewed by:


Irene McSweeney, P.E.
Chief of Operations

 Consent Decree

Approved by:


Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT:

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize the current approved Commonwealth of Massachusetts State Contract CLT08 for the purchase of work clothing. The total amount of purchases in 2022 shall not exceed \$135,000.00.



Discussion/Alternative:

The Commission annually provides work clothing and safety boots to eligible field personnel in accordance with union contracts. Examples of the types of garments provided to field personnel include work shirts, sweatshirts, winter jackets and coveralls.

The Commission is seeking to utilize the current approved Commonwealth of Massachusetts State Contract CLT08 for the purchase of miscellaneous safety Clothing, Footwear and Accessories. The Commonwealth of Massachusetts, through its Operational Services Division, conducts a fair, open and competitive procurement for products and services including all eligible entities. Purchasing from Commonwealth of Massachusetts State Contracts allows the Commission the opportunity to buy high quality supplies and equipment at competitive prices.

Therefore, the Commission is seeking authorization to utilize the current approved Commonwealth of Massachusetts State Contract CLT08 for the purchase of work clothes and safety boots. The Commission would enter into agreements with eligible vendors to make purchases under this contract. The total amount of purchases under this contract shall not exceed \$135,000.00 in 2022.

Budget/Fiscal Impact:

Funds for the purchase of work clothing have been requested in the Commission's 2022 Proposed Current Expense Budget.

Attachment:

None

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

RE: Permission to utilize the current approved Commonwealth of Massachusetts State Contract FAC100 for Industrial, Construction and Safety Equipment and Supplies

Purpose: Information

Prepared by:

Handwritten signature of Patrick Greeley in blue ink.

Patrick Greeley
Superintendent of Support Services

Vote

Reviewed by:

Handwritten signature of Irene McSweeney in blue ink.

Irene McSweeney, P.E.
Chief of Operations

Consent Decree

Approved by:

Handwritten signature of Henry F. Vitale in blue ink.

Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT:

NEW BWSC CONTRACTOR: NO MINORITY OWNED BUSINESS: NO
WOMEN OWNED BUSINESS: NO

Recommendation:

The Board of Commissioners authorizes the Executive Director to utilize the current approved Commonwealth of Massachusetts State Contract FAC100 for the purchase of industrial, construction and safety equipment and supplies. The total amount of purchases shall not exceed \$150,000.00 in 2022.



Discussion/Alternative:

Each year, the Commission requires the use of industrial, construction and safety equipment and supplies. Examples of the equipment and supplies utilized by the Commission's work force includes, barricades, safety lines, harnesses, first aid kits, cones, safety glasses, shovels, chisels, and picks.

The Commission is seeking to utilize the current approved Commonwealth of Massachusetts State Contract FAC100 for the purchase of industrial, construction and safety equipment and supplies. The Commonwealth of Massachusetts, through its Operational Services Division, conducts a fair, open and competitive procurement for products and services including all eligible entities. Purchasing from Commonwealth of Massachusetts State Contracts allows the Commission the opportunity to buy high quality supplies and equipment at competitive prices.

Therefore, the Commission is seeking authorization to utilize the current approved Commonwealth of Massachusetts State Contract for the purchase of industrial, construction and safety equipment and supplies. The Commission would enter into agreements with eligible vendors to make purchases under this contract. The total amount of the purchases shall not exceed \$150,000.00 in 2022.

Budget/Fiscal Impact:

Funds for the purchase of industrial, construction, and safety supplies and equipment have been approved in the Commission's 2022 Current Expense Budget.

Attachment:

None

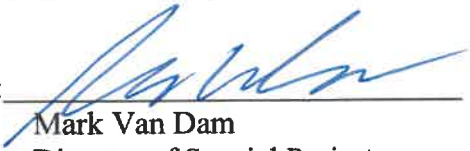
**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Authorization to Utilize New England Water Works Association to Provide Training
to Commission Employees in 2022

Purpose: Information
 Vote

Prepared by: 
Mark Van Dam
Director of Special Projects

Approved by: 
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: MINORITY OWNED BUSINESS:
WOMEN OWNED BUSINESS:

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize New England Water Works Association (NEWWA) to provide personnel training in 2022 for an amount not to exceed one hundred fifty thousand dollars (\$150,000).



Discussion/Alternative:

On March 9, 2018, Governor Baker signed a bill that amends M.G.L. c. 149 §6 ½ which updated employee safety requirements in public sector workplaces. Since that time, the Safety and Training Department with the assistance of industry leaders performed an assessment of the Commission's training program and identified areas in which the Commission and its employees could benefit from additional training. An area of immediate need is ensuring our employees are qualified to properly assess job-site hazards. Due to this, the Safety and Training Department feels certain field employees would greatly benefit from attending OSHA 30-Hour training. Additionally, by analyzing the data from our 2021 job-site inspections, we have determined the need for additional safety trainings on hand-held power tools.

In researching and speaking to organizations that provide safety related trainings, the Safety Department has concluded that NEWWA is the best option to meet most the Commission's needs.

Established in 1882, NEWWA is a leading provider of educational training pertaining to the protection and improvements of water utilities. NEWWA is accredited by the International Association for Continuing Education and Training as an authorized Continuing Education Unit (CEU) provider. All courses provided to the Commission are approved by the Massachusetts Board of Certification of Operators of Drinking Water Supply Facilities and the Massachusetts Board of Certification of Wastewater Operators.

The Commission has worked closely with NEWWA over the last few years implementing a training program to provide staff with the knowledge and skills required to perform their duties and responsibilities in a safe and efficient manner. Recently the Commission and NEWWA introduced new hands-on trainings that include Pipe Repair and Maintenance, Traffic Management, 3-Day Crane and Derrick Operator Training and Rigging and Hand Signals.

Examples of new trainings specifically designed for Commission personnel scheduled to be introduced in 2022 include:

- Hands-on Hydrant Repair
- Silica and Mold Awareness
- Map Reading
- Proper Techniques in Saw Cutting
- OSHA 10
- OSHA 30

When compared to providers of similar services, NEWWA's prices were competitive. Under the Commission's Policy on Procurement, contracts to provide job related training, educational or career development services to employees are exempt from solicitation and selection procedures.

Budget/Fiscal Impact:

Funds for training services were requested in the Commission's 2022 Current Expense Budget.

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Authorization to utilize the current approved Commonwealth of Massachusetts State Contract VEH93 for Service and Parts of Heavy-Duty Vehicles

Purpose: _____ Information

_____ x _____ Vote

Prepared by: 
Mark Van Dam
Director of Special Projects

Approved by: 
Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: _____ MINORITY OWNED BUSINESS: _____
WOMEN OWNED BUSINESS: _____

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize the current approved Commonwealth of Massachusetts State Contract VEH93 for Service and Parts of Heavy-Duty Vehicles. The total amount of purchases made under the Commonwealth of Massachusetts Contract in 2022 shall not exceed Two Hundred Fifty Thousand Dollars (\$250,000).



Discussion/Alternative:

The Commission currently operates and maintains a fleet of 58 heavy duty vehicles and specialized heavy equipment which include Jets, Vactors, Backhoes, Cranes, Dump Trucks and Large Utility Body Service Trucks. In order to properly service and maintain these emergency response vehicles, purchases are required for replacement parts. In addition to regular maintenance, there may be occasions where the Fleet staff are not able to perform the specialized repairs required to place a vehicle back in service, which will require the use of specialized services.

Utilizing Massachusetts State Contract VEH93 through their Operational Service Division, the Commission is not required to invest valuable time developing solicitations, issuing bids, evaluating responses, and executing contracts. The Operational Service Division has negotiated price, approved vendors, and outlined service requirements in advance, thus providing the Commission cost savings and allowing the option to select from a diverse pool of vendors. Due to the current supply chain disruption having a large pool of approved vendors provides the Fleet staff better opportunities to find needed parts that may not have been available through other types of procurement.

Budget/Fiscal Impact:

Funds were requested in the Commission's 2022 Current Expense Budget.

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission

From: Henry F. Vitale, Executive Director

Date: November 30, 2021

Re: Authorization to utilize the current approved Commonwealth of Massachusetts State Contract VEH96 for Motorized Vehicle Parts, Re-refined Motor Oil, Remanufactured Antifreeze, and other Lubricants.


Purpose: _____ Information

Prepared by: _____


Mark Van Dam
Director of Special Projects

_____ x _____ Vote

Approved by: _____


Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT
NEW BWSC CONTRACTOR: _____ MINORITY OWNED BUSINESS: _____
WOMEN OWNED BUSINESS: _____

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize the current approved Commonwealth of Massachusetts State Contract VEH96 for Motorized Vehicle Parts, Re-refined Motor Oil, Remanufactured Antifreeze, and other Lubricants. The total amount of purchases made under the Commonwealth of Massachusetts Contract in 2022 shall not exceed Two Hundred Thousand Dollars (\$200,000).



Discussion/Alternative:

The Commission currently operates and maintains a fleet of approximately 220 vehicles, ranging from specialized heavy equipment to light duty vans, sedans, and pick-ups. Throughout the year replacement parts and lubricants are required to make necessary repairs and to provide preventive maintenance services. These supplies will allow our daily operations to continue uninterrupted and increase the longevity and value of the fleet.

Utilizing Massachusetts State Contract VEH96 through their Operational Service Division, the Commission is not required to invest valuable time developing solicitations, issuing bids, evaluating responses, and executing contracts. The Operational Service Division has negotiated price, approved vendors, and outlined service requirements in advance, thus providing the Commission cost savings and allowing the option to select from a diverse pool of vendors.

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Budget/Fiscal Impact:

Funds were requested in the Commission's 2022 Current Expense Budget.

**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119
617-989-7000
Fax: 617-989-7718



To: Commissioners, Boston Water and Sewer Commission
From: Henry F. Vitale, Executive Director
Date: November 30, 2021
Re: Authorization to utilize the Massachusetts State and/or Cooperative Procurement Contracts for the purchase of (1) Backhoe and (1) Front End Loader

Purpose: Information

Prepared by: 

Mark Van Dam
Director of Special Projects

Vote

Approved by: 

Henry F. Vitale
Executive Director

THE FOLLOWING INFORMATION IS APPLICABLE TO ANY RECOMMENDATIONS
WHICH INVOLVE THE AWARD OF A BWSC CONTRACT

NEW BWSC CONTRACTOR: MINORITY OWNED BUSINESS:

WOMEN OWNED BUSINESS:

Recommendation:

The Board of Commissioners authorize the Executive Director to utilize the Massachusetts State and/or Cooperative Procurement Contracts for the purchase of one (1) Backhoe and one (1) Front End Loader for an amount not to exceed \$650,000.



Discussion/Alternative:

The Fleet Department recently performed an audit to evaluate the Commission's fleet to create an aggressive 3-year plan to address the aging and defective vehicles and equipment. As part of the plan, the Fleet Department included backhoes and the front-end loader used at Alford Street as a high priority to be replaced in 2022.

The Commission's sole front-end loader was purchased in 2007 and has been the primary machine used to load contractor trailer dumps with materials removed from streets, sidewalks, sewers and catch basins, while also pushing back piles of materials dumped at the material handling facility. Due to the wear and tear of everyday use, coupled with the age of the machine, the front-end loader needs significant costly repairs. The new front-end loaders come equip with new technology such as backup cameras and fuel reduction engines.

The backhoe scheduled to be replaced was purchased in 2006 and has been placed out of service due to safety concerns. It has been determined that the cost expected to place this machine back in service far outweighs its current value and should be removed from the fleet. The new backhoe the Commission would purchase, gives the operator better sight lines, has more power and lifting capacity, is less expensive to maintain and provides lower emissions than other manufacturers.

An audit performed by Mercury Associates determined that an optimal replacement cycle for Commission vehicles ranged from 7-12 years, with a weighted average of 8.8 years for all vehicles. The cycles were determined to provide a basis for stable long-term replacement plans. Based on the recommendations made in their report, it has been determined that these machines have exceeded their service life expectancy.

The Commission can procure equipment through the Massachusetts State and Cooperative Procurement Contracts. Purchases through this contract allows the Commission to purchase specialized equipment at a lower cost due to the collective purchasing power of the State of Massachusetts and cooperative organizations.

The combination of supply chain disruptions, labor challenges, high steel prices, electronic component shortages, high demand, and a slow rebound from 2020 are all contributing to it being extremely tough to purchase new machines. With these machines being available to the Commission by years end coupled with our current machines exceeding their service life expectancy and the high priority of the vehicles, staff is currently requesting authorization for the purchase of one (1) backhoe and one (1) front-end loader in an amount not to exceed \$650,000.

Budget/Fiscal Impact:

Funds are available in the Commission's 2021-2023 Capital Improvement Program (CIP) Budget.



NOVEMBER 30, 2021