



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
299th MEETING OF THE BOARD OF DIRECTORS
Thursday, July 6, 2023
9:30 am

This Board Meeting can be viewed via livestream: <https://dcwater.com/watch-board-meetings>

- I. Call to Order (Chairman Tommy Wells)**
- II. Roll Call (Michelle Rhodd, Board Secretary)**
- III. Approval of the June 1, 2023 Meeting Minutes**
- IV. Chairman's Overview**
- V. Committee Reports**
 1. Environmental Quality and Operations Committee (**Sarah Motsch**)
 2. Special Meeting - Human Resources & Labor Relations Committee (**Steven Shofar**)
- VI. Issues of General Interest**
- VII. CEO and General Manager's Report (David L. Gadis)**
- VIII. Lead Free DC Update (William Elledge)**
- IX. Summary of Resolutions and Contracts (FYI)**
- X. Consent Items (Joint Use)**
 1. Approval to Execute Option Year 2 of Contract No. 10080, Supply and Delivery of Ferric Chloride, PVS Technologies – Resolution No. 23-36 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
 2. Approval to Execute Option Years 1 and 2 of Contract No. 10272, Annual Maintenance of Electrical Control Equipment (High Voltage), M. C. Dean Inc. – Resolution No. 23-37 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
 3. Approval to Execute Option Years 1 and 2 of Contract No. 10147, Annual Maintenance of Electrical Control Equipment (Low Voltage), M. C. Dean Inc. – Resolution No. 23-38 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
 4. Approval to Fund Multiple Pre-Qualified Firms for Temporary Staffing Services – Resolution No. 23-39 (Recommended by the Environmental Quality and Operations Committee 06-15-23)

5. Approval to Execute Supplemental Agreement No. 02 of Contract No. DCFA 483-WSA, Grit, Screenings and Primary Facilities Upgrade, HDR Engineering, Inc. – Resolution No. 23-40 (Recommended by the Environmental Quality and Operations Committee 06-15-23)
6. Approval to Award Contract No. 10212, Network Infrastructure Extension (NIE) System, Global Com, Inc. – Resolution No. 23-41 (Recommended by the Environmental Quality and Operations Committee 06-15-23)

XI. Consent Items (Non-Joint Use)

None

XII. ¹Executive Session*

- To discuss a legal matter and preserve the attorney-client privilege under D.C. Official Code § 2-575(b)(4)(A).

XIII. Adjournment (Chairman Tommy Wells)

This meeting is governed by the Open Meetings Act. Please address any questions or complaints arising under this meeting to the Office of Open Government at opengovoffice@dc.gov.

Upcoming Meetings | via Microsoft Teams

- July 20th @ 9:30 am Environmental Quality & Operations Committee
- July 25th @ 9:30 am DC Retail Water and Sewer Rates Committee
- July 27th @ 9:30 am Audit and Risk Committee
- July 27th @ 11:00 am Finance and Budget Committee
- **Month of August Board on Recess**
- September 7th @ 9:30 am Board of Directors' Meeting

¹The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss certain matters, including but not limited to: matters prohibited from public disclosure pursuant to a court order or law under DC Official Code § 2-575(b)(1); terms for negotiating a contract, including an employment contract, under DC Official Code § 2-575(b)(2); obtain legal advice and preserve attorney-client privilege or settlement terms under DC Official Code § 2-575(b)(4)(A); collective bargaining negotiations under DC Official Code § 2-575(b)(5); facility security matters under DC Official Code § 2-575(b)(8); disciplinary matters under DC Official Code § 2-575(b)(9); personnel matters under DC Official Code § 2-575(b)(10); third-party proprietary matters under DC Official Code § 2-575(b)(11); train and develop Board members and staff under DC Official Codes § 2-575(b)(12); adjudication action under DC Official Code § 2-575(b)(13); civil or criminal matters or violations of laws or regulations where disclosure to the public may harm the investigation under DC Official Code § 2-575(b)(14); and other matters provided under the Act.



**District of Columbia
Water and Sewer Authority**

Board of Directors

**Environmental Quality and Operations
Committee Meeting**

Thursday, June 15, 2023

9:30 am

MEETING SUMMARY

Committee Members

Sarah Motsch
Howard Gibbs
Steven Schofar
David Franco
Chris Herrington
Andrea Croombs
Jared McCarthy

DC Water Staff Present

David Gadis, CEO and General Manager
Marc Battle, Chief Legal Officer and EVP
Wayne Griffith, Chief Strategy and Performance Officer and EVP
Matthew Brown, Chief Financial Officer and EVP
Jeffrey Thompson, Chief Operating Officer and EVP
Michelle Rhodd, Secretary to the Board
Nicholas Passarelli, VP, Wastewater Treatment Operations
David Parker, VP, Engineering & Technical Services
Joel Grosser, Director of Procurement, Goods & Services
William Elledge, Director, Engineering & Technical Services
Moussa Wone, VP, DC Clean Rivers
Jeffrey Peterson, Sr. Manager, DC Clean Rivers

I. CALL TO ORDER

Sarah Motsch called the meeting to order at 9:30 AM. The meeting was conducted via MS Teams.

II. ROLL CALL

Michelle Rhodd, Secretary to the Board, DC Water, conducted a roll call of the Committee members present for the meeting.

III. BPAWTP PERFORMANCE UPDATE

Nicholas Passarelli, VP, Wastewater Treatment Operations, DC Water, briefed the Committee on the performance of the Blue Plains Advanced Wastewater Treatment Plant (BPAWTP). Specific details of the presentation can be found on pages 3 to 7 of the meeting materials.

Mr. Passarelli provided an update of the complete treatment and wet weather treatment at BPAWTP. It was reported that all performance parameters for May 2023 were excellent, and all effluent and biosolids parameters were within National Pollutants Discharge Elimination System (NPDES) permit limits.

A graph was presented summarizing the performance of the Anacostia River Tunnel System and the wet weather treatment facility (WWTF). The graph summarized monthly volumes of Combined Sewer Overflows (CSOs) captured by the tunnel system, the number of CSO events and the average monthly rainfall since January 2022. It was noted that May was a relatively dry month - 30.9 MG of flows were captured by the system, there were no CSO events, and the average rainfall was 1.3 inches for the month. This continues the trend for 2023 of lower-than-normal rainfall and volumes of flows captured by the tunnel system.

Mr. Passarelli discussed electrical energy use and onsite generation at BPAWTP. Onsite energy generation from the Combined Heat and Power (CHP) facility and solar panels for the month was 29% of the average consumption at BPAWTP. Average electrical energy purchase from Pepco for the month was 19.5 MW.

Biosolids production and Bloom marketing at BPAWTP were discussed for May. It was noted that 14,124 wet tons of Class A biosolids were produced and all biosolids met the EPA's Exceptional Quality requirements. A total of 9,684 wet tons of biosolids were sold as Bloom, which was significantly higher than the goal for the month of 3,826 wet tons. Bloom sales in May represents a third consecutive month of record sales. It was noted that cumulative sales of Bloom for FY23 are at 115% of the running goal for the year. Bloom sales are on track to achieve the annual sales goal of 58,000 tons.

The Committee enquired about the volume of flows directed to complete treatment for the month. It was requested that this information be included in future presentations to the Committee.

IV. LEAD-FREE DC UPDATE

William Elledge, Director, Engineering and Technical Services, DC Water presented an update for the Lead-Free (LFDC) Program. The presentation was given ahead of the routine quarterly update LFDC Program update, as there was some important information that needed to be brought to the Committee ahead of the publishing of the LFDC Annual Plan on June 30th, 2023. The presentation was aligned with the information on pages 8 to 23 of the meeting package. Mr. Elledge introduced Brian Farrelly, Program Manager, LFDC Program, CDM Smith and noted his prior experience as program manager for the lead replacement program for the City of Newark, NJ.

An update was provided on changes to the service line inventory. A table was presented showing the inventory compiled in June 2021 compared to May 2023, the number of service lines that need to be replaced has increased by approximately 13,000 from 2021 to 2023. Mr. Elledge discussed changes to the way that service line material types are classified in the 2023 inventory, noting that service line materials are classified as either verified or suspected. Verified service lines are services for which DC Water has a database record and backup documentation that confirms the service line material as either lead or non-lead. Suspected service lines are services for which DC Water has a database record and no backup documentation confirming the material type. It was explained that the reason for the increase in lead service line inventory from 2021 to 2023, is that service lines previously classified as non-lead included a significant number of suspected non-lead service lines. In the work completed to date, it has been found that approximately 20% of the suspected non-lead service lines are actually lead service lines.

Mr. Elledge discussed measures by the program to improve the accuracy of the service line inventory, which includes test pitting of service lines to confirm material types and ongoing service line replacements as part of the LFDC Program and Small Diameter Water Main (SDWM) Replacement Projects. Further, a Monte Carlo Analysis has been completed to evaluate the variety of data sources used to compile the inventory.

It was reported that an updated service line inventory map will be launched in June. A demonstration of the map was provided - across the district, the interactive map shows Verified Lead Service Lines, Suspected Lead Service Lines, Verified Non-Lead Service Lines, Suspected Non-Lead Service Lines and Service Lines where additional information is needed. In addition, a construction dashboard for the LFDC Program will also be launched. The dashboard will summarize details of when construction will be taking place at locations across the district. A summary of plans to release the LFDC Annual Plan, inventory map and the construction dashboard to the public was discussed. Messaging will include a press briefing, media release and LFDC webinar.

Mr. Elledge provided details of the revised cost estimate to achieve LFDC by 2030. A breakdown by fiscal year was provided. Through FY2030, the total cost is estimated to be \$1.56 billion. Costs included in the estimate are for the construction, program management and the supply of filter kits. It was noted that 40% of the estimated cost for construction is for pavement restoration. Further, it was noted that the cost for replacement of brass service lines is not included in the estimate. Details of the various funding sources for the LFDC program were discussed, it was noted that \$930 million of the proposed budget for the program is unfunded. Budget for the funded part of the program is planned to come from ratepayer funds, Bipartisan Infrastructure Law (BIL) funding and funding through the Department of Energy and Environment (DOEE).

Mr. Elledge discussed the role of permitting with the District Department of Transportation (DDOT) on the LFDC Program. DC Water is seeking to execute a Memorandum of Understanding (MOU) which will allow DC Water to execute block closures in order to increase the rate of service line replacements, receive blanket permits for block closures and allow 3rd party review of permits and 3rd party field inspection. The 3rd party reviews will be paid for by DC Water. Will noted some of the benefits of the MOU for DDOT and the District in general. It was noted that for the program to achieve the goals of being LFDC by 2030, execution of the MOU and corresponding adjustments to DDOT permit processes are required. In closing, Will discussed some upcoming milestones for the LFDC program which include a tentative DC Council Hearing in July and the quarterly briefing at the July Committee meeting.

The Committee enquired where funding for the unfunded budget for the program would come from and whether the district government will contribute any additional funding. Mr. Elledge noted that additional disbursements from BIL are anticipated, however these will not fill the entire unfunded budget. It was added that DC Water will need to consider other (non-typical) sources for the funding. Mr. Elledge gave an example that in Green Bay, Wisconsin a portion of the funding for their lead replacement program came from philanthropic funds from the Green Bay Packers, and perhaps DC Water could explore similar avenues for funding. Matthew Brown, Chief Financial Officer and EVP, DC Water added that the increase in cost of the LFDC program is relatively new information and there is currently no commitment from the District Government for additional funding for the program. DC Water is reviewing alternative sources of funding on a source-by-

source basis and there may be some grant funding to explore. However, this funding likely won't be significant compared to the overall cost of the program.

The Committee enquired when staff expect to execute the MOU with DDOT. Will clarified that discussions are ongoing between DC Water staff and DDOT counterparts, discussions are ongoing regarding the details of the MOU. The LFDC Annual Plan assumes the MOU will be in place by the start of FY2024. However, based on the current rate of progress of discussions with DDOT to date, it does not seem likely that the MOU will be in place by then.

V. DC CLEAN RIVERS PROJECT STATUS UPDATE

Moussa Wone, Vice President, DC Clean Rivers, DC Water and Jeffrey Peterson, Sr. Manager, Construction, DC Clean Rivers, DC Water presented the quarterly update for the DC Clean Rivers Program. The presentation provided was aligned with the information on pages 24 to 47 of the meeting package. Key points included:

Anacostia Area:

- a) The Anacostia Tunnel System continues to perform well. A graph was presented showing system performance since it was placed into service in March 2018. Through May 2023, over 15 billion gallons of overflows and over 9,545 tons of trash, debris, and other solids have been captured by the tunnel system. These capture rates exceed the rates anticipated at this stage of the project.
- b) The Northeast Boundary (NEB) Tunnel is the last leg of the Anacostia Tunnel System. The current focus is on commissioning the tunnel.
 - i. Tunnel mining is complete.
 - ii. The Tunnel is planned to be placed in operation in mid-2023, ahead of the Consent Decree deadline of March 2025.

Potomac Area:

- a) Procurement for the Final Design and Construction of the Potomac River Tunnel (Potomac River Tunnel Contract B) is ongoing. Four teams were shortlisted, and the 100% RFP was issued to these teams in June 2022. DC Water conducted collaboration meetings with each team to clarify the project scope and risks, prior to submittal of final bids.
 - i. Technical and Price Proposals were received in April 2023. Evaluation of the proposals is ongoing.
 - ii. Notice to Proceed (NTP) for the tunnel construction is planned to be issued in November 2023.
 - iii. The Tunnel is planned to be completed by February 2030.
 - iv. The award of the solicitation for Construction Management Services during Construction was approved by the Board. The NTP for this work is planned to be issued in August 2023.
- b) Potomac River Tunnel Contract A (Advanced Utility Construction Project for the Potomac River Tunnel) construction is ongoing. Work for the contract involves construction of high voltage electric duct banks to power the tunnel boring machine and West Potomac Park job site for Contract B.
 - i. Substantial completion was achieved in May 2023.
 - ii. An additional 4-way duct bank is being installed along K Street NW to accommodate Pepco relocation for the Potomac River Tunnel at CSO-024.

The Committee enquired whether DC Water will continue to use the duct banks (constructed for Contract A) once construction for Contract B is complete. Jeffrey and Moussa noted that Pepco are responsible for pulling the wires to provide temporary low voltage power to the surface sites and high voltage power to operate the tunnel. The high voltage infrastructure on Independence Ave will be left in place, for use by the National Park Service (NPS). The low voltage infrastructure will be used at various sites by DC Water to power instrumentation to be installed as part of Contract B.

- c) CSO 025/026 Sewer Separation Project is in the close-out phase.
 - i. Construction at the three sites (31st St, Wisconsin Ave and Structure 44) is complete.
 - ii. The requirements for the Consent Decree have been completed. DC Water sent a letter to the EPA in March 2023, certifying that the Consent Decree milestone has been achieved.

Rock Creek Area:

- a) Green Infrastructure (GI) Rock Creek Project B – the project is to manage 22 impervious acres with GI. Construction for this project commenced in March 2022. There are six areas where GI facilities will be constructed. The project is planned to be completed in January 2024.
 - i. Construction of all facilities at three of the six areas is complete (Area 1 - Columbia Heights, Area 2 - Takoma DC and Area 4 – Grant Circle).
 - ii. Construction at the remaining three areas (Area 3 – 16th St Heights, Area 5 – Sherman Circle and Area 6 – Brightwood Park) is ongoing.

General:

- a) The Clean Rivers Program continues to engage the public through outreach efforts on all projects. Jeffrey discussed details about the various activities that have taken place across the District, including community coordination, key meetings and outreach programs.
 - i. The Potomac River Tunnel pre-construction survey outreach program commenced
- b) Overall, the Clean Rivers Program is projected to be completed \$42.6 million below budget. A graph was presented showing contract amounts and final costs for projects forming part of the program.

Mr. Peterson provided details of the ongoing construction of the surface work associated with the NEB Tunnel and the Rock Creek Project B. The updates are shown on pages 35 to 47 of the meeting package.

The Committee enquired about the maintenance plan and frequency of cleaning for the Permeable Alleys being constructed as part of the GI Rock Creek Project B. Moussa clarified that DC Water retained a Contractor to maintain all GI facilities returned to DC Water after construction. DC Water-owned Permeable Alleys are maintained once per quarter. For facilities under construction, the construction contractors are responsible for maintenance until handover to DC Water.

VI. ACTION ITEMS

JOINT USE

1. Contract No. 10080 – PVS Technologies – Ferric Chloride
2. Contract No. 10272 – M.C. Dean Inc. – High Voltage Annual Maintenance and Repair of Electrical Equipment
3. Contract No. 10147 – M.C. Dean Inc. – Annual Maintenance and Repair of (Low Voltage) Electrical Power Distribution Equipment
4. Contract No. N/A – Multiple Contracts – For Temporary Staffing Services
5. Agreement No. DCFA #483-WSA – HDR Engineering, Inc – Grit, Screenings and Primary Facilities Upgrade
6. Contract No. 10212 Global Com – Network Infrastructure Extension (NIE) System

NON-JOINT USE

None

Joel Grosser, Director of Procurement, Goods & Services, DC Water presented Joint Use Action Items 1 to 4 and Item 6. David Parker, VP, Engineering & Technical Services, DC Water presented Joint Use Action Item 5.

ACTION ITEM HIGHLIGHTS:

For Joint Use Action Item 2, the Committee enquired why two option years are included in the contract upfront instead of procuring them individually ahead of each option year. Mr. Grosser clarified that this method of procurement is not unusual, in other contracts, funding for the base contract and all option years is sometimes requested upfront. For this Action Item, funding for the two option years is being requested separately from the base contract, which lapses in July 2023.

For Joint Use Action Item 3, the Committee noted that over the next two fiscal years, over \$6 million is being committed to the Contractor (including Action Item 2) and DBE and MBE participation is lower than other DC Water contracts. The Committee enquired whether DC Water had discussed increasing DBE and MBE participation with the Contractor in future solicitations. Mr. Grosser clarified that the participation targets will be increased by the time the next solicitation for this work is released. Discussions are ongoing with all Contractors to improve certified DBE and MBE participation.

The Committee further queried why DC Water is waiting for the next solicitation to increase DBE and MBE participation for the contract and that this should be addressed more immediately. Corey Gray, VP, Contract Compliance and Business Development, DC Water responded that because the contract has been held by this Contractor for so long, DC Water is working with certified firms to ensure they receive adequate training to be able to execute the work. The plan is to initially establish mentor protégé relationships between the Contractor and a few certified firms. Once this has been done, participation goals for future solicitations will be increased. Mr. Gray added that the base contracts for Action Items 2 and 3 were awarded prior to revisions to DC Water's Business Development Plan, which increased participation targets for DBE and MBE certified firms for new contracts. Mr. Grosser and Mr. Grey will provide a more comprehensive response to the Committee's question.

For Joint Use Action Item 4, the Committee enquired whether the estimate for the contract value is based on anticipated temporary staff needs at DC Water and is not an 'up-to-the-value' type contract. Mr. Grosser clarified that the contract value is based on projected staffing needs. There are no guaranteed spending amounts in the contract, funding will be spent as staffing needs are fulfilled.

For Joint Use Action Item 5, the Committee enquired about the contract period - the duration of the base contract was 8 months, yet the contract extension is almost 10 years. Mr. Parker confirmed that the base contract was solicited with the anticipation that the full scope of work would be the concept development, design and construction services. The contract is an engineering services solicitation where selection of the Contractor is made based on qualifications and the fees are negotiated thereafter. The base contract was for the concept development which served to identify the full needs of the project. DC Water didn't want to proceed with a full design contract without a full understanding of all the issues. The contract extensions have been for the design of the project.

The Committee enquired whether DC Water have considered purchasing construction equipment for the project upfront during the design phase to avoid long lead times and supply chain issues for procurement of equipment for the project. Mr. Parker confirmed that this approach has been considered on other projects and will confirm whether this was considered for this project.

For Joint Use Action Item 6, the Committee enquired whether the existing Fiber Optic cable for the project will be left in place or will it be removed. If it is to be removed, what is the specification for disposal of the old cable.

The Committee recommended moving all Action Items to the full Board for approval.

VII. OTHER BUSINESS / EMERGING ISSUES

No Other Business

VIII. ADJOURNMENT

There were no other items to come before the meeting. Chairperson Motsch adjourned the meeting at 10:32 AM.

Follow-up Items

1. Getachew Melsew (Sr. Manager, Planning, Engineering): To provide copy of white paper on the equity analysis benefits and either a presentation to the full Board or the opportunity for Board Members to observe a training session on the equity analysis tool and dashboard. Due September 2023.
2. Nicholas Passarelli, VP, Wastewater Treatment Operations, DC Water to provide data on the volume of flows directed to complete treatment for May 2023.

3. Korey Gray, VP, Contract Compliance and Business Development to provide details on measures planned by DC Water to increase DBE/MBE certified firm participation for future work associated with Action Items 2 and 3.
4. For Action Item 5, David Parker, VP, Engineering & Technical Services to confirm whether DC Water considered pre-purchasing construction equipment during the design phase for the project to avoid long lead times and supply chain issues for procurement of equipment for the project.
5. For Action Item 6, Joel Grosser, Director of Procurement, Goods & Services to confirm whether the existing Fiber Optic cable for the project will be removed. If it is to be removed, what is the specification for disposal of the old cable.



CEO's Report

JULY
2023



dc Critical Customer Event Logistics

This is an opportunity to learn and is a no-fault environment



Participation is key to YOUR success, ask questions, share concerns, and share information.



Sign in this morning to confirm your attendance, as well as evaluation survey at the end of the event to provide your feedback.



Presentation resources will be shared with participants following the event.

ACCOUNTABILITY TRUST TEAMWORK CUSTOMER FOCUS SAFETY WELL-BEING

Inside

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Chairman Wells and members of the Board, it is my pleasure to present you with the CEO's Monthly Report for July 2023. This report captures the highlights of the team's efforts over the past month, across the five cascading imperatives of the Blueprint 2.0 strategic plan: **Equitable, Sustainable, Resilient, Reliable, and Health, Safe and Well**. There are also individual reports from Finance and Procurement; Shared Services; Customer Experience; Information Technology; and Operations and Engineering, as well as the monthly update from Internal Audit.

 **Equitable**

DC Water Works Apprentice Certified as Wastewater Treatment Plant Operator



I am very pleased to share the news that the DC Water Apprenticeship program celebrated its second graduation in June. Daryl Smith was promoted from an apprenticeship position in wastewater and is now a certified ABC Level 2 Wastewater Operator.

I would like to recognize two important mentors who guided and supported Mr. Smith through his apprenticeship, **Jeffrey Proctor** (Program Manager, Wastewater Treatment / Wastewater Operations) and **Nicholas Passarelli** (Vice President, Wastewater Operations).

I also want to recognize the outstanding performance of **Korey Gray** (Vice President, Contract Compliance and Business Development / Finance and Procurement) and **Sharon Talley** (Contract Compliance Specialist I (U), Procurement-Contract Compliance) in administering the DC Water Works program. Delivering professional development opportunities and apprenticeships also supports our objectives under the Equitable imperative as expressed in Blueprint 2.0, and I couldn't be prouder of the impact we are making in our underserved communities.

Ethiopian Delegation Visits Blue Plains

On Friday, May 26, a delegation from Ethiopia visited the Blue Plains Advanced Wastewater Treatment Plant to learn more about the water and wastewater best practices employed at DC Water. The delegation included Mayor Adenech Abiebie, and her team, from the capital city, Addis Ababa, as well as the Ethiopian Ambassador to the United States, Seleshi Bekele Awulachew and their host for the visit, Kimberly A. Bassett, Secretary of the District of Columbia.

The visit began with **Tamrat Bedane** (Supervisor, Asset Management / Water Services) leading a discussion of our Water Operations and best practices, and Mr. Passarelli followed with a presentation on our Wastewater Operations, including the Bailey Bioenergy Facility and the Clean Rivers Project. Following the presentations, **Miguel Miranda** (Process Engineer II / Process Engineering) and **Diran Adalian** (Process Engineer I / Process Engineering) led the delegation on a driving tour of the Blue Plains campus.



I would like to extend special recognition to **John Lisle** (Vice President, Marketing and Communications / Marketing and Communications) for serving as our host and facilitator for the delegation's visit. Mr. Lisle arranged for the visit and coordinated an excellent program on very short notice.



Authority Outreach Team at Capital Pride Events

On Saturday, June 10, the Authority's Outreach Team, including our Ambassadors, participated in the 2023 Capital Pride Parade. Wendy the Waterdrop joined the festivities as the team celebrated the LGBTQIA+ community and their allies as they marched for equality.

At 3:00 pm, the team began the parade at 14th and T Streets, NW, and concluded at roughly 7:30 pm at the intersection of 21st and P Streets. Along the way, the team distributed water to attendees, and handed out Mardi Gras beads and assorted candles while marching.

I would like to thank **Emanuel Briggs** (Director, Community Affairs / Marketing and Communications) for organizing the Authority's participation in the Pride parade and the many volunteer employees who assisted.



 Sustainable

Authority Delegation Participates in Singapore Water Week and Advances WiSE Partnership

I am pleased to share that Authority leadership is once again in the global spotlight. Last week, a contingent of DC Water executives, including **Marc Battle** (Chief Legal Officer and EVP / Government and Legal Affairs), **David Parker** (Vice President, Engineering and Technical Services), **Salil Kharkar** (Vice President, Senior Operations Advisor / Office of the COO), and **Dr. Robert Bornhofen** (Director, Innovation / Strategy and Performance) participated in Singapore International Water Week (SIWW) and made our second visit to our Malaysian partner, PDT.



At SIWW, Mr. Battle participated in a senior executive forum that included 50 utilities. Dr. Bornhofen presented on the topic of sustainability, and detailed DC Water’s accomplishments with renewable energy helping power operations.

In Malaysia, our team signed a Memo of Understanding (MOU) between the Authority and PDT to further our partnership. The team also had an opportunity to debrief Brian McFeeters (U.S. Ambassador to Malaysia) on our findings after reviewing several Malaysian wastewater treatment facilities.

We anticipate that our partners at PDT will join us this fall at WEFTEC and once again travel to the District for an onsite visit and joint discussions. I would like to thank Mr. Battle for leading our delegation and continuing to advance our expertise on the international stage.

Authority’s ESG Efforts Featured with Water Sector Associations

This week, DC Water’s initiative to track and disclose environmental, social, and governance risks via our annual ESG reporting were featured with two water associations.

On Monday, June 12, **Dr. Matt Ries** (Vice President / Strategy and Performance) presented our ESG report drivers, approach and observed benefits to the Association of Metropolitan Water Agencies’ (AMWA) Sustainability Committee.

The following day, Dr. Ries participated on a panel in the American Water Works Association (AWWA) Annual Conference and Exhibition’s Innovation Hub. The panel, entitled ‘ESG Strategies: One Size Does Not Fit All,’ featured DC Water, the only public water utility to have issued an ESG report, along with a private, domestic water utility, American Water, and Suez Group, a global, private water and waste services provider.

Resilient

Emergency Management Leads Critical Customer Event

On Thursday, June 8, the Office of Emergency Management (OEM) led the Authority's annual Critical Customer Event and Emergency Preparedness Exercise in the HQO Boardroom. A total of 66 participants, representing 26 local, regional, state, and federal agencies, business, and non-profit organizations attended.

In the morning session, attendees were treated to eight presentations relating to different aspects of resilience and emergency preparedness, including briefings on our budget and capital investments, critical customer notifications, the Clean Rivers Project, our Customer Assistance Programs, and Resource Recovery efforts, among others.

In the afternoon portion of the event, participants discussed their own preparedness, response, and recovery efforts. This discussion used two scenarios – flooding and loss of water – to engage participants.

Additionally, the OEM team shared the Critical Customer Emergency Response Guide, which can help our critical customers improve resiliency to future emergencies.

I would like to thank **Dusti Lowndes** (Director, Emergency Management / Emergency Management) and her team for leading an important and thorough briefing for attendees.





Authority Navigates Boil Water Advisory

On the evening of Sunday, May 28, DC Water received numerous calls from customers in Northeast DC who were experiencing low, or no, water pressure. Authority crews were dispatched and determined that a 12-inch water main had broken, causing a pressure drop.

The Authority then issued a Boil Water Advisory for approximately 3,400 customers in the Fort Lincoln, Woodridge and Langdon neighborhoods of Ward 5 following this temporary, localized loss of pressure. Our teams consulted with EPA Region 3, DC Homeland Security and Emergency Management (HSEMA), and notified elected officials, DC Health and other District agencies.

The advisory was sent directly to customers in the impacted area by email, text and phone. It was also distributed to media outlets and those signed up to receive DC Water Alerts. Information was also shared across our social media channels, the DC Water website and the NextDoor platform to reach impacted customers. In addition, HSEMA distributed a wireless alert to cellular phones in the impacted area.

Overnight and into Monday morning, our crews repaired the water main, recharged the system, and flushed water from nearby fire hydrants to pull fresh water through the system. As our crews worked to repair the main, our water quality team conducted testing to ensure the reduction in pressure did not affect water quality.

I am very pleased to share that the Boil Water Advisory was lifted at 8:01 a.m., on Wednesday, May 31. Boil Water Advisories are inevitable. No utility wants to have them, but every utility does. What separates the best from the rest is a utility's response. From that standpoint, I could not be prouder of our teams and employees, who worked overnight and through the Memorial Day holiday to ensure that our customers were informed, and services restored.



DC Water Contributes to NACWA Strategic Communications Conference



On June 6, Kirsten Williams (Chief Communications and Stakeholder Engagement Officer and EVP / Marketing and Communications) delivered a timely presentation entitled 'Storm Clouds Approaching: Forecasting Customers' PFAS Concerns,' at the 2023 National Association of Clean Water Agencies' (NACWA) 2023 Strategic Communications: H2O Workshop.

Consistent with her theme, Ms. Williams used the metaphor of a severe thunderstorm watch, in which the PFAS 'storm' threatens on multiple fronts: drinking water, wastewater, and biosolid

applications. All of this comes at a time when utility customers are increasingly concerned thanks to some alarming media reports on 'forever chemicals.'

Ms. Williams also used the platform to showcase how DC Water has led the industry in terms of taking a proactive approach to PFAS and offering transparency to the community. In March, DC Water helped organize and plan the Regional Summit on PFAS for elected officials, journalists, and water officials from across the region. The Authority has also offered updated and expanded information on the DC Water website, including the posting of quarterly test results, coordinated regional talking points through the Metropolitan Washington Council of Governments (MWCOG), and is engaged with water sector associations on advocacy and stakeholder communications.

I would like to thank Ms. Williams and Chris Peot (Director, Resource Recovery / Wastewater Treatment) for keeping the Authority firmly ahead of the curve, and our stakeholders informed on one of the most significant public health issues of our time.



Divisions

The CEO report includes service level based key performance indicators. These are indicators for which the teams have established or confirmed response and resolution times in which to perform the related work. This is assisting us in identifying productivity and resource needs as well as benchmarking ourselves against other utilities. It is important to note that where teams may not meet the Service Level Targets set for a specific metric, it does not mean the work is not getting accomplished. The teams are doing a tremendous job and continue to strive to meet high performance expectations.



Financial Metrics

Metric	Target	Feb-23	Mar-23	Apr-23	May-23
Operating Cash Balance (millions \$)	\$242.6	\$261.5	\$289.0	\$289.0	\$320.9
Delinquent Account Receivables (%)†	3.3%	4.5%	4.4%	4.4%	4.2%
On-time Vendor Payments (%) ††	97%	96%	97%	97%	96%
Investment Earnings Data (Thousands \$)	\$4,161.8	\$1,036.2	\$1,937.6	\$1,937.6	\$3,864.3
Core Investment Yield Data (%) - Merrill Lynch 1-3 Year Treasury Index *		4.9%	4.2%	4.2%	4.5%
Core Investment Yield Data (%) - Actual Monthly Yield †††	0.2%	2.6%	2.6%	2.9%	3.8%
Short Term Investment Yield Data (%) - Merrill Lynch 3-Month Treasury Index *		4.7%	4.6%	4.9%	5.2%
Short Term Investment Yield Data (%) - Actual Monthly Yield †††	0.1%	2.9%	2.8%	2.8%	2.5%
Days of Cash on Hand ** and ***	250**	291.0	313.0	314.0	357***

* Represent annual Treasury Index targets developed and provided by the Authority's investment advisor.
 ** 250 days of cash is the Board policy requirement for annual days of operating reserves excluding the Rate Stabilization Fund.
 *** 357 days of cash is made up of 36 days in the Rate Stabilization Fund and 321 days in the operating cash balance.
 Metrics Explanations:
 † Delinquent account receivables as a percentage of 12-month rolling average revenue. The delinquent account receivables increased due to the impact of COVID-19.
 †† The vendor payments goal may fluctuate slightly as we continue to research and resolve payments.
 ††† Investment earnings lag the benchmarks. We are in a rising interest rate environment. As lower yielding investments are sold and reinvested, performance is expected to improve.

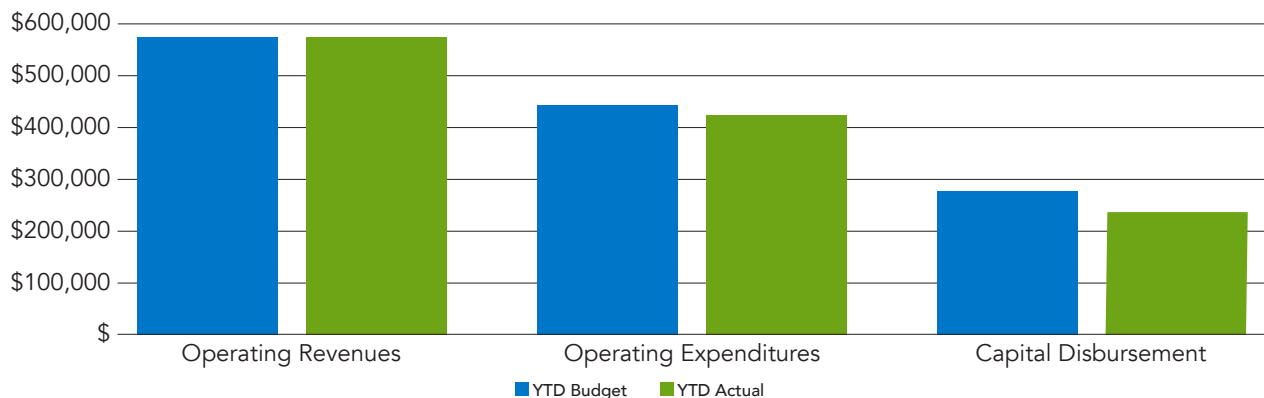
Finance Highlights

FY 2023 Financial Performance

At the end of May 2023, with 67 percent of the fiscal year completed, DC Water is on track with its budget. Total operating expenditures were \$422.1 million, or 61.5 percent and capital disbursements were \$214.4 million or 56.9 percent of the respective revised budgets.

Total operating revenues were \$577.4 million or 68.5 percent of the FY 2023 revised budget. The YTD revised budgeted receipts were \$579.2 million. The lower receipts were mainly from wholesale customers due to the higher revised budget as compared to the previously approved budget. The revenue shortfall from the wholesale customers is expected to recover in the fourth quarter. Additionally, there were lower receipts in the other revenue category mainly from interest earning, System Availability Fee and Washington Aqueduct Backwash.

FY 2023 Year to Date Performance Budget vs. Actuals (\$000's)





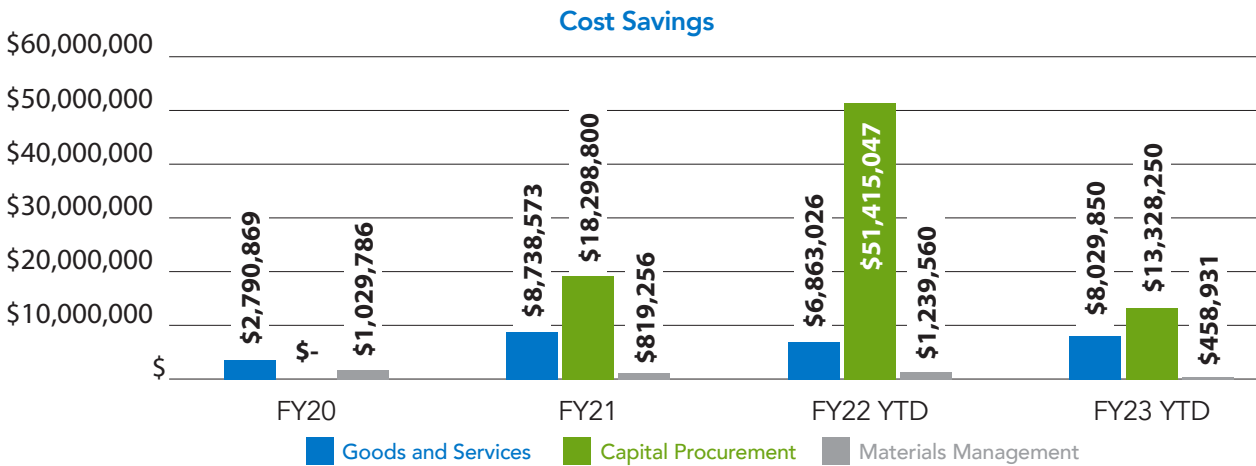
Procurement

Highlights

Avoided cost increase of \$943,800 for ferric chloride by shifting volume to lower cost supplier.

Cost Savings (negotiated savings and cost avoidance):

The chart shows the cost savings from FY 2020 to FY 2023 year-to-date achieved by Procurement through the competitive solicitation process in the Capital Project and Goods/Service solicitations and the cost avoidance achieved in the Materials Management through the inventory optimization. The cost savings for Capital Procurement were not tracked in FY 2020.



Upcoming Business Opportunities: All current and planned solicitations are available at dcwater.com/procurement.

Those upcoming in the next two months are shown below:

Capital Procurement

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Delivery Type	Eligible Inclusion Program
June, 2023	Sewer Main IR &R / Sewer and Water IR &R	IFB	\$17M - \$20M	Bid Build	DBE/WBE
June, 2023	Water Management Program	RFP	\$20M	Program Management	DBE/WBE
June, 2023	Glover Park (Phase 1 Design)	RFP	TBD	Design	DBE/WBE
June, 2023	Primary Tank Treatment - 20 yr rebuild	RFP	\$10M	Design	DBE/WBE
June, 2023	Large Diameter Water Main Project	IFB	TBD	Bid Build	DBE/WBE
July, 2023	Sanitary Sewer Rehabilitation 10	IFB	\$10M - \$15M	Bid Build	DBE/WBE
July, 2023	Construction of Flood Seawall Segment A, B, D	RFP	\$25M	Design Build	DBE/WBE
July, 2023	Construction Management BOA (Multiple Awards)	RFP	\$30M	Construction Management	DBE/WBE
August, 2023	Biosolids Curing Pad	TBD	\$8m	Other	DBE/WBE
August, 2023	Public Outreach for Creek bed	RFP	TBD	Other	DBE/WBE
August, 2023	COF/IT Electrical System Upgrade	RFP	\$10M	Bid Build	DBE/WBE
August, 2023	Ft. Stanton Reservoir No. 1 Rehabilitation	RFP	TBD	TBD	DBE/WBE
August, 2023	Design BOA (Multiple Awards)	RFP	\$8 Million	Design	DBE/WBE

Procurement - continued

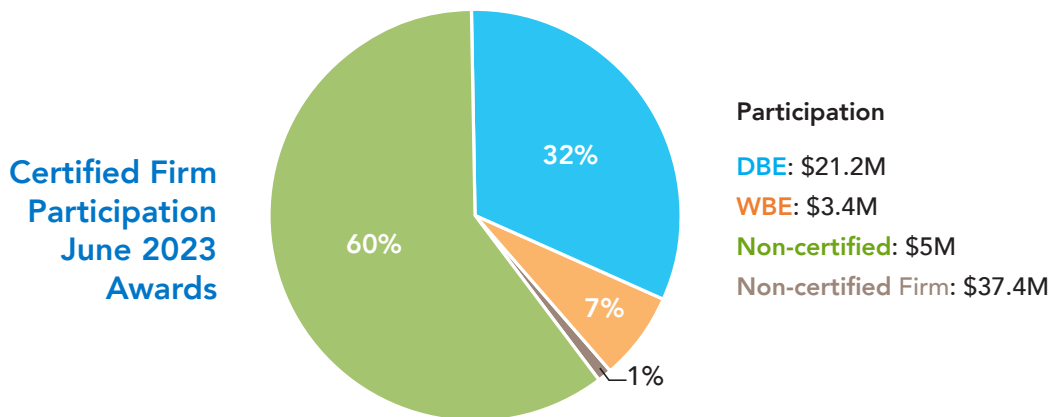
Goods and Services Procurement:

Planned Solicitation	Project Title	Solicitation Type	Estimated Total Contract Value	Eligible Inclusion Program
August, 2023	Annual Maintenance, Repair and Calibration of Instrumentation Control and Electrical Equipment	RFP	<\$1 M	LSBE
October, 2023	All Polymer contracts (Belt Press, Centrifuge, Primary and Secondary) market research	RFx	>\$10M	DBE/WBE
November, 2023	Repair of Instrumentation and Electrical Control Equipment	RFP	<\$1 M	LSBE
November, 2023	HMO health plan for employees	RFP	>\$5M	N/A
December, 2023	Investment Advisory Services	RFP	<\$1M	LSBE

Contract Compliance

During this reporting period, DC Water’s Board approved five different procurement actions, including three new awards and two extension / option years. The value of the procurement actions for this period totaled \$62.7 million. Of this total, the planned certified firm participation is \$25.1 million (in prime and subcontracting opportunities).

The following graph summarizes the certified firm participation:



- Awards this period include an Indefinite Delivery Indefinite Quantity (IDIQ) awards for Financial Service staffing. Although certified firm participation has not been finalized for this award, each of the eight potential primes are certified Disadvantaged Business Enterprises and most have committed to using a certified Women Business Enterprise for support.
- One certified firm, new to DC Water, has been identified as potential subcontractors for the Potomac River Tunnel Contract B.

Procurement - continued



As of this report, 89 new positions were filled by DC Water Contractors. Of those, 74 (83 percent) were filled with residents from the user jurisdiction – including 43 District residents. Additionally, as per a new effort this year to expand gender equity thru DC Water Works, 15 positions were filled by women.

DC Water Works New Hires (as of May 2023)

DC Water’s User Jurisdiction	Number of New Hires
District of Columbia	43
Prince George's County	21
Montgomery County	3
Fairfax County	6
Loudoun County	1
Total	74 (83 percent)
Outside the User Jurisdiction	15 (17 percent)

Strategic Partner Referrals

Moreover, DC Water continued to work with its strategic partners to identify candidates for employment. During this period two partners referred a total of 17 local residents who were successfully employed by DC Water contractors.

- District Department of Employment Services – 14 referrals
- District of Columbia infrastructure Academy – 3 referrals

Apprenticeship Program Cohort 1 Update

Congratulations to Daryl Smith for successfully completing his Waste Water Operators apprenticeship. He successfully passed his ABC Level 2 wastewater Certification and is now a journeyman wastewater treatment plant operator.

Outreach and Engagement

DC Water participated in two external job fairs, with the District Department of Employment Services.

DC Water Utility Training Program

In partnership with the District Department of Employment Services DC Water is implementing a summer on-the-job training program for District residents interested in sewer operations and building maintenance.

- Trainees are paid \$16.10 per hour by the District Department of Employment Services.
- Participants were referred by the District Department of Employment Services.
 - 100% are District Residents
 - Five male/ one Female
- Participants have a dedicated mentor from the District Department of Employment Services.
- Four participants training in Buildings and Grounds.
- Two participants training in Sewer Services.

Fleet Update



DC Water’s Fleet Department successfully relocated to their new headquarters in Capitol Heights, MD. The grand opening in early April was our introduction to Prince Georges County. One week prior to the celebration, First Vehicle Services (FVS), now rebranded as Transdev, took over DC Water’s Fleet maintenance and repair services. To date, Transdev is 75 percent staffed with most of the team servicing Fleet HQ (Walker Mill) and the remaining staff at Blue Plains. In addition, Transdev (FVS) assumed the responsibility for procuring and managing automotive parts and supplies and mobilized a service truck to support roadside assistance. In the first quarter of 2023, Fleet averaged approximately 150 units in shop and returned to service- per month. Since the new contractor joined, Fleet has tripled the number of units to

442, brought into the shop and returned to service. To better understand Fleet’s steady state, the same quarter in 2022 averaged 300 units in shop. Three major factors that contribute to this improvement are 1) data clean up; 2) new facility in full operation; 3) increase in contractor personnel (technicians).

DC Water and Transdev (FVS) collaborated to define ten metrics to measure the success and efficiency of the repair and maintenance contract. The metrics include staffing, priority vehicle assignment, measuring productive vs. non-productive time, preventative maintenance performance, vehicle turnaround time, parts, quality assurance, rework, communication, and stakeholder feedback.

The uptick in Fleet Management board metrics demonstrate improvements such as 75 percent vehicle availability and 93 percent of units reporting for on-time scheduled preventative maintenance. As the number of technicians increase, serviceability and vehicle availability improve.



Given the maintenance support of Transdev (FVS), Fleet management has been able to turn its attention to revising and updating Fleet policies and procedures. DC Water has expanded with new facilities that require a new Fleet Forward approach to maintaining and supporting DC Water’s critical operation. After a yearlong state of flux, the new Fleet director will lead Fleet’s transformation with a series of trainings and exercises to sculpt the work and processes required to run a successful Fleet operation, complete with a comprehensive approach to contract management and compliance oversight. Fleet’s data cleanup will address Fleetwave anomalies and restructure to support the new metrics and processes in place.

Shared Services Metrics

Metric	Target	Feb-23	Mar-23	Apr-23	May-23
Security: Camera operational uptime	90%	96%	97%	97%	97%
Security: Smart card readers operational uptime	90%	98%	97%	97%	97%
Security: Percent of security investigations completed within 21 days	95%	100%	100%	100%	100%
Facilities: Preventive Maintenance Completion Rate	90%	40%	39%	82%	59%
Facilities: Service Request Completion Rate	90%	57%	55%	48%	49%
Fleet: Preventive Maintenance (PM) on Schedule	96%	NA	NA	94%	93%
Fleet: Priority Vehicles/Equipment (In-Service)	96%	74%	71%	75%	75%
Safety: DC Water Employee Recordable Incident Rate (RIR) (FY)	< 4.9	2.6	2.86	2.7	2.8
Safety: DC Water Employee Lost Time Incident (LTI) (FY)	< 1.7	1.8	2.2	2.1	2.1
Safety: Contractor/ROCIP Recordable Incident Rate (RIR) (FY)	< 2.5	3.2	2.6	2.3	2
Safety: Contractor/ROCIP Lost Time Incident (LTI) (FY)	< 1.1	0.3	0.3	0.3	0.2

Facilities: The Facilities completion rates for May 2023 are 59 percent for Preventive Maintenance work orders and 49 percent for Service Request work orders. Preventive maintenance work orders completions dropped slightly to 145 completed but remains above the monthly average (126) for the year. The drop in preventive maintenance performance is likely related to a rise in HVAC service request work as temperatures fluctuated from cooler to warmer throughout the month. Service request work orders completion rose slightly to 116 completed in May, up from 108 completed in April. Facilities continues to work with People & Talent and have successfully recruited and started two Buildings & Grounds positions in April and May.

Customer Assistance Programs (CAP)

DC Water is on track with sharing Customer Assistance opportunities.

- In May, the Collections team did a Multifamily Assistance Program presentation for US Water Alliance.
- In July, we will launch a Customer Assistance Survey to increase customer awareness and push them toward applying for assistance.
- The team places daily automated outbound calls to customers with delinquent accounts, telling them about our assistance programs and how to apply.
- The department aims to share assistance opportunities during each customer interaction.

Beginning this month, the DC Water Cares program will include the new DC Homeowners Assistance Fund (HAF). This DC-funded program has existed since 2022, with funding distribution beginning in June. The program will give eligible homeowners up to \$5,000 in assistance per utility. DOEE will send DC Water the distribution list with the approved amount per customer.

DC Water Customer Catch-Up Offer ended 5/31/2023. The offer was a success. There were 9,010 participants across residential, multifamily, and commercial rate classes, and we recovered \$8 million in delinquent debt.

As of May 31, 2023, the Catch-Up Offer participation and payments are as follows: (Adjustment to be posted by 6/15/2023)

	# Participants (May 2023)	Adjustment (May 2023)	Total Catch-Up Payments (May 2023)	YTD* Total Participants	YTD* Total Catch-Up Payments**	% of Catchup Balance Collected***
Residential	1370	\$325,882	\$1,061,772	7,746	\$3,256,611	12%
Multifamily	169	\$325,904	\$1,177,184	644	\$3,397,704	13%
Commercial	95	\$109,888	\$487,956	620	\$1,489,282	6%
Total	1634	\$761,673	\$2,726,912	9,010	\$8,143,597	30%

* YTD equals participants and payments from January 19, 2023 to June 5, 2023.

** Payments for current charges are not included—only pre-calculated Catch-up Offer payments made through June 5th.

*** Total Anticipated Catch-up Balance – \$26,874,746

Customer Assistance Programs (CAP)

Program	FY2022 Enrolled	FY2022 Dollars	May. # Enrolled	May. Dollars	# FY23 Enrolled	FY2023 Dollars	FY2023 Budget
CAP I	6,949	\$4,871,357	368	\$244,708	3,853	\$1,205,664	\$2,500,000
CAP II	679	\$338,362	27	\$13,702	299	\$73,587	\$400,000
CAP III	204	\$33,026	3	\$823	31	\$4,330	\$50,000
Non-Profit CRIAC Relief	186	\$866,375	5	\$56,886	116	\$464,027	\$905,608
DC Water Cares Residential	1,690	\$1,318,242	17	\$27,073	1,755	\$1,681,722	\$3,681,758
DC Water Cares Multifamily (number of units)	4,313	\$1,880,830	100	\$62,306	1,725	\$1,044,848	\$2,545,195

Customer Care

In May, eligible Department of Customer Care (DCC) employees began working in a 100% telework status. The team was successful in this posture during the COVID pandemic and maintained metrics and performance. Transitioning to a 100% telework posture increases the employees’ work-life balance, and in May, the team met their performance metrics.

We are still working to close the two percent gap in meeting the AMI Transmission metric (93.3 percent vs. 95 percent target). We are working on various initiatives to increase AMI Transmission. We are coordinating with the Engineering team to obtain account meter change data faster after completing the Lead-Free DC and Small Diameter Water Main work.

Finally, the department reduced the disconnection threshold from \$1500 to \$800 in May. These changes caused more accounts to be eligible for disconnection and increased call volume. We will resume normal thresholds (\$200 and greater) in July 2023.

Key Performance Indicators

Metric	Target/Service Level	Mar 23	Apr 23	May 23
% of bills issued on time (w/in 5 days)	97%	99.0%	95.0%	97.8%
% unbilled	2%	0.1%	2.1%	1.0%
Estimated bills as a percent of meters read	4%	4.8%	3.6%	4.0%
% AMI Transmission	95%	93.6%	93.4%	93.3%
# of bill investigations (Disputes)	trend only	130	92	132
% of OPC inquiries resolved within 14 days	98%	100%	100%	100%
% of calls answered in 40 Seconds (Call Center)	85%	88%	98%	98%
Monthly call volume served (Call Center)	trend only	9,801	8,854	11,003
Abandon rate	3%	2%	1%	1%
Emergency dispatch <= 10 Min (ECC)	92%	100%	100%	100%

May: Three new projects were launched:

DocuSign – Implementation of DocuSign e-signature solution throughout DC Water and integration with SharePoint, Office 365, and Oracle products.

Monday.Com – replacement for the Clarity IT’s legacy Project Management tool. Monday.com is an agile focused project tracking and management tool.



Advanced Water Accounting Computing System (AWACS) – This program will leverage various data mining techniques combined with advanced analytics and modeling to detect anomalies in water usage, detect and quantify non-revenue water losses, and validate water consumption data for billing purposes with an eye toward reducing the time to identify and correct water loss. Rapid detection of meter anomalies has a positive impact on metering accuracy by minimize losses due to inaccurate metering, illegal connections, meter tampering, and billing inaccuracies

- No projects were closed in May.

IT Monthly Report

SR/WO Type	SL Target / SLA	Mar 23	April 23	May 23
Number of tickets submitted	Trend only	1161	1023	1162
Number of open tickets	Trend only	43	29	32
Helpdesk SLA	96%	100%	99.2	99.25
Number of active projects	Trend only	21	18	21
Number of completed projects	Trend only	3	0	0
On schedule performance	90%	91.67	91.67	93.62
On budget performance	90%	95.83	95.83	97.92

Featured Projects of the Month – Wastewater Operations

Spring Bloom Sales Records

Through the diligent work of Blue Drop, Bloom sales was ahead of schedule and challenged meet the aggressive FY23 goal of 58,000 tons. Initially, Blue Drop was behind schedule due to wet weather in November and January. However, the Blue Drop sales team took advantage of the cooperative spring weather and drove the program to three consecutive record sales months in March, April, and May. Bloom sales currently stand at 115 percent of the target at the end of May and is scheduled to exceed the targeted goal. Blue Drop is on track to meet projected savings and generate additional revenue.

During wet weather we are unable to sell Bloom nor rely on contractors for storage. The Resource Recovery team is exploring options for Bloom storage to ensure proper product management, inventory control and increase sales.



Before and after Bloom application, Maryland golf course.



Finally, DC Water transported Bloom to a Virginia Tech research site to be used in conjunction with the University of Arizona in a study of the PFAS mobility at farm sites. The University of Arizona studied this in Pima County and was able to reverse a biosolids land application ban based on sound science. We are helping to replicate this work across the nation in different soil types. While demand for Bloom remains high, DC Water believes its important to support and lead in scientific efforts to ensure new regulations are based on scientific results.

MONTH FY23	SALES (tons)	CONTRACT (tons)	TOTAL (tons)	GOAL (tons)
Oct	1,274	11,236	12,510	2,827
Nov	1,773	12,644	14,417	4,327
Dec	6,660	6,234	12,894	7,327
Jan	1,850	8,355	10,205	6,308
Feb	9,778	3,502	13,280	7,308
Mar	11,852	3,220	15,072	8,308
Apr	9,940	2,658	12,598	5,806
May	9,684	4,440	14,124	3,826



Key Performance Indicators

Metric	Target/Service Level	Feb-23	Mar-23	Apr-23	Apr-23
Wastewater Operations					
NPDES Permit Compliance	100%	100%	100%	100%	100%
Air Permit Compliance	100%	100%	100%	100%	100%
Biosolids Class A	100%	100%	100%	100%	100%
Tunnel Dewatering	100%	100%	100%	100%	100%
Combined Heat and Power	>20%	26%	29%	29%	29%
Reactive Maintenance	<20%	30%	28%	27%	30%
Critical Asset Availability	>95%	97%	97%	97%	97%
Sewer Operations					
Combined Sewer System (CSS) structures (all outfalls, regulators, tide gates) inspections	100%	100%	100%	100%	100%
* Municipal Separate Stormwater System (MS4) requirement to clean all catch basins in the MS4 Permit Area at least once annually (Jul 01- Jun 30)	14,700	7756	9814	11571	13721
* Inspection of catch basins in the CSO Anacostia tributary area at least twice per year (Jan 1- Dec 31)	11,400	993	1163	1203	1203
* NPDES Permit to Clean and Inspect 85% of 10,700 CSS Area C/B (Jan 1- Dec 31)	9,095	83	110	141	163
Miles per month Sewer Cleaning and Inspection to meet 1,400 Miles of Small Diameter (<12 inches) in 10Yr Cycle	>12	20.49	19.38	27.39	22
Sewer Backup (Investigation to Resolution) Within 24 Hours Excluding Line Breaks	>95%	100%	100%	100%	100%
Number of SSO's	Report	2	4	1	4
SSO's to River	Report	1	0	0	0
SSO's per 100 miles of pipe (YTD) (AWWA 2021 Utility Benchmarking Report)	2	1.61	1.91	1.99	2.29
SSO's per 100 miles of pipe (Water Body) (YTD)	Information Only	.23	.23	0.23	.23
Combined Sewer System Overflows	0	0	0	0	0

* Month-to-Month Cumulative Total for Catch Basin Inspection and Cleaning

Key Performance Indicators continued

Metric	Target/Service Level	Feb-23	Mar-23	Apr-23	May-23
Pumping Operations					
Firm Pumping Capacity Maintained	100%	100%	100%	100%	100%
Reactive Maintenance	<20%	10%	6%	7%	11%
Critical Asset Availability	>95%	98%	98%	98%	98%
Water Operations					
Safe Drinking Water Compliance	100%	100%	100%	100%	100%
Total Fire Hydrants Replaced	>21/Month	10	18	20	21
Hydrant Flow Tests (Non-Winter Months)	>180	75	146	187	39
Fire Hydrant Operational Rate	99%	99.83%	99.9%	99.78%	99.70%
Priority 5 Emergency Water Service work orders completed w/in 24 hrs	>90%	100%	100%	100%	100%
Water Quality Complaint Resolution (within 48 hours)	>90%	78.6%	85.37%	91.8%	88%
Water Main Breaks	<28/Month	17	25	23	33
Water Main Break Rate /100 Miles (National Average is 25)	25	25.52	25.52	26.47	26.7
% of Hydrant Leaks in inventory that are not leaking	>90%	99%	99%	99%	99%
Permit Operations					
Overall On-time completion of Permit Reviews	90%	92%	91%	94%	90%

Explanation of Missed Targets
Wastewater Operations Reactive Maintenance (<20%)

DC Water has adopted a manufacturing industry best practice benchmark of less than 20 percent reactive maintenance hours as percent of total maintenance hours. To our knowledge, there is no similar benchmark used in the public water utility sector. Blue Plains manages around 45,000 assets within our asset management/maintenance management system, and this stringent industrial benchmark is tracked as a marker for continuous improvement. We observe a descending trend of percent of total reactive maintenance hours, measured as annual average the last four fiscal years for assets at the Blue Plains Advanced Wastewater Treatment Plant. The goal is to remain on the reduction path towards a benchmark that is applicable for Blue Plains.

Hydrant Flow Tests (Non-Winter Months)

The department missed the target due to staffing availability and other emergencies.

SSO's per 100 miles of pipe (YTD)

The department missed the target as 30 SSOs have occurred this fiscal year to date. The department maintains a proactive small local sewer inspection program and

has inspected over 71 miles this fiscal year and 114 miles since the program's inception in FY22. The inspection and assessment program informs sewer maintenance activities including sewer cleaning, chemical root control, corrective maintenance, and emergency repairs. Additionally, a post-SSO root cause analysis is performed to prevent reoccurrence.

Water Quality Complaint to Resolution (within 48 hours)

KPI for Customer Complaints performance is 88%. We received 50 water quality complaints in May 2023 and resolved 44 by phone, email, water testing/investigations and/or flushing hydrants. Field technicians return 7-14 days after hydrant flushing to ensure water quality meets target levels. The unresolved complaints from this month are pending a repeat flush. Although we addressed all customer complaints over phone/email or by flushing hydrants within the same day, but we could resolve 88% of the customer complaints fully as there are hydrant recheck works pending due to following reasons:

- We have a vacant WQ technician position to be filled.
- Two technicians were out on annual and extended leave.

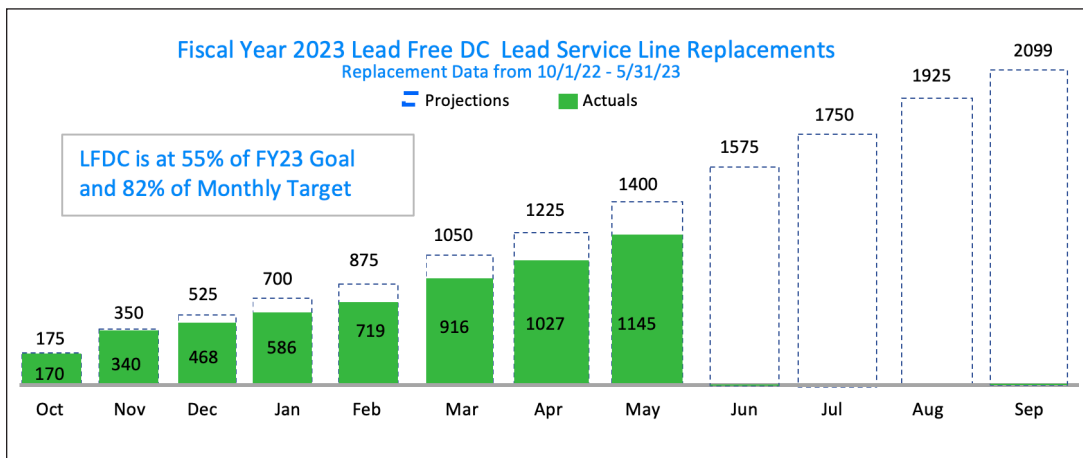


Water, Sewer, Blue Plains, Lead Free DC and DC Clean Rivers



- In February 2023, DDOT indicated that they will not issue any new permits until restoration of 40 blocks has occurred, and the associated permits are closed out. To date, paving has been completed on 47 blocks. The contractors are completing other final restoration items such as line striping and grass restoration which should be completed for the 40 blocks by mid-June. DDOT will be updated regularly on the restoration schedule and contacted for final inspection when blocks are ready. There are ongoing discussions about advancing the review/approval of the submitted permit applications.

- 62 of 80 permits for Construction Packages 7-10 have been submitted to DDOT. The remaining permits will be submitted by mid-June.
- DCW continues to have discussions with DDOT about an MOU for the LFDC program including the full closure of blocks for up to two months during the construction period.
- Public Outreach has completed initial canvassing for Construction Packages 5-10 (2746 premises) and has received 40 percent signed agreements prior to construction. Outreach for Packages 7-10 is ongoing. Outreach for Packages 11-19 will begin in June.
- The DC Water Community Activators began canvassing with the Lead-Free team and initial results have been outstanding. In the first two weeks the team has obtained over 200 custom agreements.
- The Team participated in a several DC Water Outreach and Lead-Free DC Pop Up events including the Cherry Blossom Festival, a presentation with 6th through 12th graders at the Field School, the Senior Fest, and multiple Farmers Markets. These events were well attended and generated a great deal of enthusiasm for the Lead-Free DC program.
- The Outreach team presented at 14 Advisory Neighborhood Commission (ANC) meetings and currently has six scheduled in June / July.
- The Lead-Free Group will continue working on test pit packages and the next group of replacement packages in June.



Major Sewer and Local Sewer Condition Assessment Projects

East and West Outfall Review Sewers (EWORS) Emergency Rehabilitation.

The EWORS are large combined sewer pipes constructed of cast-in-place reinforced concrete twin-tube culvert with a common wall. Both relief sewers end at Blue Plains Advanced WWTP. Together, they carry an average of 210 MGD and a peak flow of 704 MGD of sewer flows from DC as well as neighboring jurisdictions.

During a routine manhole inspection of the EWORS on the site of Joint Base Anacostia-Bolling (JBAB) in May 2023, the common wall shared by the East and West sewers was observed as having deteriorated and in sections disintegrated. Based on this finding, DC Water immediately notified JBAB of the situation, the area was isolated, and the above ground perimeter of the compromised sewer was cordoned off from vehicular and pedestrian access.

Given the risk of a structural collapse, DC Water has escalated this situation to emergency status and, has set up an incident management team. DC Water staff are working in tandem with design and construction contractors, and JBAB to rehabilitate the damaged sections of the pipes expeditiously.

Image from Camera Inspections



Internal audit plan FY2023 timeline

This timeline represents the FY 2023 audit plan and the status of each project. Annually the Internal Audit team, RSM, conducts a risk assessment and presents the results and the audit plan to the Audit & Risk Committee in October.

	Oct - 22	Nov - 22	Dec - 22	Jan - 23	Feb - 23	Mar - 23	Apr - 23	May - 23	Jun - 23	Jul - 23	Aug - 23	Sep - 23	Oct - 23	Status
▶ Contract Compliance Audit														Report Complete
▶ Procurement Audit														Report Complete
▶ Payroll & Timekeeping Audit														Reporting in Progress
▶ Metering, Billing and Collections Audit														Report Complete
▶ Penetration Testing Audit – External Network														Report Complete
▶ Oracle IT General Controls Assessment														Fieldwork in Progress
▶ Oracle Identity & Access Mgmt Assessment														Fieldwork in Progress
▶ Work Order Management Audit – DWO														Fieldwork in Progress
▶ Business Continuity Assessment														Fieldwork in Progress
▶ Fleet Management Audit														Planning in Progress
▶ FY 2024 Risk Assessment														Not Started
▶ Ongoing Follow-up Procedures														Ongoing
▶ Ongoing Hotline Monitoring														Ongoing

Audit FY	Issue Date	Audit Report	High Risk Open Finding	Original Target Date	New Target Date	# Extensions
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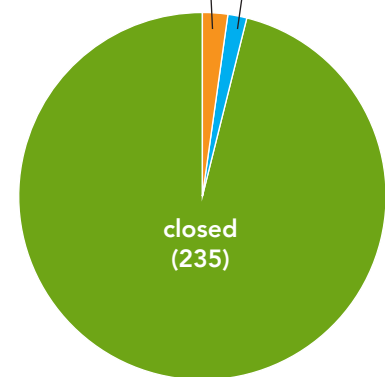
No open high risk findings to report. All high risk prior audit findings are in pending testing or closed status as of June 2023

***Open Prior Audit Findings**

Audit Report / Subject	Issue Date	Open
Fleet Management Review	1/24/2019	1
Occupational Safety and Health	4/25/2019	1
Contract Compliance Audit	7/22/2021	1
	total	3

FY16 – FY22 prior audit findings status

pending testing (7) open (3)



At least one original remediation target date has been extended

In total, 96% of all prior audit findings from FY16 – FY22 are closed. Management’s target closure rate is 90%.

*Note that the audit findings reported above represent open findings through the FY22 Audit Plan year.

“Pending Testing” indicates that Management represents that the Action Plan is completed, but Internal Audit has not yet performed testing to validate the status.

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Summary of Resolutions and Contracts
299th Meeting of the DC Water Board of Directors
Thursday, July 6, 2023

Joint-Use Contracts

Resolution No. 23-36 Approval to Execute Option Year 2 of Contract No. 10080, Supply and Delivery of Ferric Chloride, PVS Technologies. The purpose of this contract is to supply and deliver liquid ferric chloride to DC Water's Blue Plains Advanced Wastewater Treatment Facility. The additional amount for Option Year 2 is \$6,500,000.00. (Recommended by the Environmental Quality and Operations Committee 06-15-23)

Resolution No. 23-37 Approval to Execute Option Years 1 and 2 of Contract No. 10272, Annual Maintenance of Electrical Control Equipment (High Voltage), M. C. Dean Inc. The purpose of this contract is to provide continuous maintenance of high voltage switchgear and power distribution equipment throughout DC Water facilities. The amount of Option Years 1 and 2 is \$4,018,709.00. (Recommended by the Environmental Quality and Operations Committee 06-15-23)

Resolution No. 23-38 - Approval to Execute Option Years 1 and 2 of Contract No. 10147, Annual Maintenance of Electrical Control Equipment (Low Voltage), M. C. Dean Inc. The purpose of this contract is to provide services for preventative maintenance, inspections, troubleshooting, repair planning and scheduling of work orders for the Department of Maintenance Services (DMS). The amount of Option Years 1 and 2 is \$1,140,000.00. (Recommended by the Environmental Quality and Operations Committee 06-15-23)

Resolution No. 23-39 - Approval to Fund Multiple Pre-Qualified Firms for Temporary Staffing Services. The purpose of this action is to provide temporary staffing services to DC Water including long and short-term special projects and staff vacancies as needed for a three-year period, August 1, 2023 through July 31, 2026. The amount for the three-year period is \$7,788,296.45. (Recommended by the Environmental Quality and Operation Committee 06-15-23)

Resolution No. 23-40 - Approval to Execute Supplemental Agreement No. 02 of Contract No. DCFA 483-WSA, Grit, Screenings and Primary Facilities Upgrade, HDR Engineering, Inc. The purpose of this contract is to provide engineering, permitting, bid service, and engineering services during construction for the electrical and ancillary improvements to Headworks Facilities located at the DC Water Blue Plains Advanced Wastewater Treatment Plant. The amount of Supplemental Agreement No. 02 is \$4,499,763.00. (Recommended by the Environmental Quality and Operations Committee 06-15-23)

Resolution No. 23-41 - Approval to Award Contract No. 10212, Network Infrastructure Extension (NIE) System, Global Com, Inc. The purpose of this contract is to furnish system upgrades which will extend DC Water fiber optic network to twenty strategic operational sites located throughout the Blue Plains campus utilizing our underground communications infrastructure; and facilitate migration from an older legacy system to a more robust and flexible system to support the continuing growth of the Office Administrative (OA) and Process Control (PC) networks. The amount of this contract is \$2,993,758.00. (Recommended by the Environmental Quality and Operations Committee 06-15-23)

Non-Joint Use Contracts

None

Presented and Approved: July 6, 2023

**SUBJECT: Approval to Execute Option Year 2 of Contract No. 10080,
Supply and Delivery of Ferric Chloride, PVS Technologies**

**#23-36
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Option Year 2 of Contract No. 10080, PVS Technologies.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Year 2 of Contract No. 10080, Supply and Delivery of Ferric Chloride, PVS Technologies. The purpose of this contract is to supply and deliver liquid ferric chloride to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. The additional amount for Option Year 2 is \$6,500,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT OPTION YEAR
FERRIC CHLORIDE
(Joint Use)**

Approval to exercise option year 2 for the supply and delivery of ferric chloride in the amount of \$6,500,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: PVS Technologies 10900 Harper Avenue Detroit, MI 48213	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year – Option Year 2 Value:	\$5,450,000.00
Base Year – Option Year 2 Dates:	08-01-2021—07-31-2024
Prior Modifications Value:	\$490,000.00
Prior Modification Dates:	02-01-2023 – 07-31-2023
Option Year 2 Additional Value:	\$6,500,000.00
Option Year 2 Dates:	08-01-2023—07-31-2024

Purpose of the Contract:

This contract is to supply and deliver liquid ferric chloride to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. Ferric chloride removes phosphorous from the wastewater within the plant’s primary and secondary treatment stages, as well as odor-causing compounds. Ferric chloride also works with a polymer to coagulate and remove suspended solids. All of these functions are needed for DC Water to comply with its water discharge permits.

Contract Scope:

To ensure supply security, ferric chloride requirements were awarded to two companies with independent supply chains. PVS Technologies is awarded 55% (this request) and Carter & Carter is awarded 45% of DC Water requirements.

Spending Previous Year:

Cumulative Contract Value:	08-01-2021 to 07-31-2023: \$5,940,000.00
Cumulative Contract Spending:	08-01-2021 to 05-01-2023: \$4,404,646.00

Contractor’s Past Performance:

According to the COTR: the Contractor’s quality of products and services; timeliness of deliverables; conformance to DC Water’s policies, procedures and contract terms; and invoicing all meet expectations and requirements.

Presented and Approved: July 6, 2023

SUBJECT: Approval to Execute Option Years 1 and 2 of Contract No. 10272, Annual Maintenance of Electrical Control Equipment (High Voltage), M. C. Dean, Inc.

**#23-37
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ____ () in favor and ____ () opposed to approve the execution of Option Years 1 and 2 of Contract No. 10272, M. C. Dean, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Years 1 and 2 of Contract No. 10272, Annual Maintenance of Electrical Control Equipment (High Voltage), M. C. Dean, Inc. The purpose of this contract is to provide continuous maintenance of high voltage switchgear and power distribution equipment throughout DC Water facilities. The amount of Option Years 1 and 2 is \$4,018,709.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

HIGH VOLTAGE ANNUAL MAINTENANCE AND REPAIR OF ELECTRICAL EQUIPMENT

(Joint Use)

Approval to exercise Option Year 1 and Option Year 2 for Annual Maintenance of Electrical Control Equipment (High Voltage) in the amount of \$4,018,709.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: M.C. Dean Inc. 1765 Greensboro Station Place Tysons, VA 22102	SUBS: District Fleet Chinook Systems	PARTICIPATION: DBE 11% WBE 2%
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DESCRIPTION AND PURPOSE

Base Award Contract Value:	\$1,930,000.00
Base Award Contract Dates:	07-01-2022 – 06-30-2023
No. of Option Years in Contract:	2
Base Year Extension Value	\$0.00
Base Year Extension Date	07-01-2023 – 07-31-2023
Option Year 1 Value:	\$1,979,660.00
Option Year 1 Dates:	08-01-2023 – 06-30-2024
Option Year 2 Value:	\$2,039,049.00
Option Year 2 Dates:	07-01-2024 – 06-30-2025

Purpose of the Contract:

This contract is for annual maintenance of high voltage equipment supporting both Department of Maintenance Services (DMS) and Department of Pumping and Sewer Operation (DPSO).

DC Water's Department of Maintenance Services (DMS) and Department of Pumping and Sewer Operation (DPSO) have a continuing need for maintenance of high voltage switchgear and power distribution equipment throughout DC Water's facilities.

Contract Scope:

This contract provides the following services labor, transportation, replacement parts for repairs, calibration installation and maintenance of electrical control switchgear, controls, substation breakers, transformers (up to 69KV), current transformers, protection relays, and other related devices. In addition, this contract also provides miscellaneous activities during the commissioning of new equipment like point-to-point drawing field verification, coordination study implementation verification and other related tasks.

Spending Previous Year:

Cumulative Contract Value:	07/01/22 – 06/30/23: \$1,930,000.00
Cumulative Contract Spending:	07/01/22 – 05/19/23: \$1,233,747.00

Contractor Past Performance:

According to the COTR, the contractor's quality of product and services, timeliness of deliverables, conformance to DC Water's policies, contract terms and invoicing met requirements.

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Best Value
Commodity:	Maintenance Services	Contract Number:	10272
Contractor Market:	Open Market with goals for DBE/WBE		

BUDGET INFORMATION

Funding:	Operating	Department:	DMS
Project Area:	Blue Plains	Department Head:	Elkin Hernandez

ESTIMATED USER SHARE INFORMATION

User -Operating	Share %	Dollar Amount
District of Columbia	42.74%	\$1,372,647.00
Washington Suburban Sanitary Commission	42.85%	\$1,376,180.00
Fairfax County	9.16%	\$294,185.00
Loudoun Water	4.53%	\$145,486.00
Potomac Interceptor	0.72%	\$23,124.00
Total Estimated Dollar Amount	100%	\$3,211,622.00

BUDGET INFORMATION


Funding:	Operating	Department:	DPSO
Service Area:	Other	Department Head:	Kenrick StLouis

ESTIMATED USER SHARE INFORMATION


User -Operating	Share %	Dollar Amount
District of Columbia	100%	\$807,087.00
Washington Suburban Sanitary Commission	0%	\$0.00
Fairfax County	0%	\$0.00
Loudoun Water	0%	\$0.00
Other (PI)	0%	\$0.00
Total Estimated Dollar Amount	100%	\$807,087.00


5/24/2023

5/30/2023
 Nicholas Passarelli Date Kenrick St. Louis Date
 VP, Wastewater Operations VP, Pumping and Sewer Operations


 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dowater.com,
 O=District of Columbia Water and
 Sewer Authority, OU=VP of
 Procurement & Compliance, CN=Dan
 Bae
 Date: 2023.06.01 17:52:47-04'00'
 Dan Bae Date
 VP, Procurement

Matthew T. Brown
 Digitally signed by Matthew
 T. Brown
 Date: 2023.06.02 14:41:03
 -04'00'/
 Matthew T. Brown Date
 CFO and EVP, Finance, Procurement and Compliance


6/23/2023
 David L. Gadis Date
 CEO and General Manager

Presented and Approved: July 6, 2023

SUBJECT: Approval to Execute Option Years 1 and 2 of Contract No. 10147, Annual Maintenance of Electrical Control Equipment (Low Voltage), M. C. Dean, Inc.

**#23-38
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Option Years 1 and 2 of Contract No. 10147, M. C. Dean, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Option Years 1 and 2 of Contract No. 10147, Annual Maintenance of Electrical Control Equipment (Low Voltage), M. C. Dean, Inc. The purpose of this contract is to provide services for preventative maintenance, inspections, troubleshooting, repair planning and scheduling of work orders for the Department of Maintenance Services (DMS). The amount of Option Years 1 and 2 is \$1,140,000.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEARS

ANNUAL MAINTENANCE AND REPAIR OF (LOW VOLTAGE) ELECTRICAL POWER DISTRIBUTION EQUIPMENT

(Joint Use)

Approval to exercise Option Year 1 and Option Year 2 for Annual Maintenance of Electrical Control Equipment (Low Voltage) in the amount of \$1,140,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: M.C. Dean Inc. 1765 Greensboro Station Place Tysons, VA 22102	SUBS: District Fleet Regional Contracting Services	PARTICIPATION: DBE 10% WBE 2%
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DESCRIPTION AND PURPOSE

Base Award Contract Value:	\$570,000.00
Base Award Contract Dates:	07-01-2022 – 06-30-2023
No. of Option Years in Contract:	2
Base Year Extension Value:	\$0.00
Base Year Extension:	07-01-2023 – 07-31-2023
Option Year 1 Value:	\$570,000.00
Option Year 1 Dates:	08-01-2023 – 06-30-2024
Option Year 2 Value:	\$570,000.00
Option Year 2 Dates:	07-01-2024 – 06-30-2025

Purpose of the Contract:

This contract is for annual maintenance of low voltage electrical control equipment for the Department of Maintenance Services (DMS)

Contract Scope:

This contract provides services for preventative maintenance, inspections, troubleshooting, repair, planning and scheduling of work orders. The work includes installation, replacement or upgrade of motors, field sensors, wiring and conduit, control panels and components, power panels, 480-volt MCC cubicles or components, duct banks, pull boxes and other field wiring termination devices as directed by the COTR.

Spend Previous Year:

Cumulative Contract Value:	07/01/22 – 07/31/23: \$570,000.00
Cumulative Contract Spending:	07/01/22 – 05/19/23: \$373,541.00

Contractor Past Performance:

According to the COTR, the contractor's quality of product and services, timeliness of deliverables, and conformance to DC Water's policies, contract terms and invoicing met requirements.

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Best Value
Commodity:	Maintenance Services	Contract Number:	10147
Contractor Market:	Open Market with goals for DBE/WBE		

BUDGET INFORMATION

Funding:	Operating	Department:	DMS
Project Area:	Blue Plains	Department Head:	Elkin Hernandez

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	42.74%	\$487,236.00
Washington Suburban Sanitary Commission	42.85%	\$488,490.00
Fairfax County	9.16%	\$104,424.00
Loudoun Water	4.53%	\$51,642.00
Potomac Interceptor	0.72%	\$8,208.00
Total Estimated Dollar Amount	100%	\$1,140,000.00



Nicholas Passarelli Date
VP, Wasterwater Operation



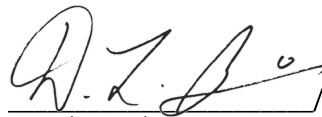
Digitally signed by Dan Bae
DN: C=US,
E=dan.bae@dcwater.com,
O=District of Columbia Water and
Sewer Authority, OU=VP of
Procurement & Compliance,
CN=Dan Bae
Date: 2023.06.01 20:46:59-04'00'

Dae Bae Date
VP, Procurement

Matthew T.
Brown

Digitally signed by Matthew T.
Brown
Date: 2023.06.02 11:57:18
-04'00'

Matthew T. Brown Date
CFO and EVP, Finance, Procurement and Compliance



David L. Gadis Date
CEO and General Manager

Presented and Approved: July 6, 2023
**SUBJECT: Approval to Fund Multiple Pre-Qualified Firms for
Temporary Staffing Services**

#23-39
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of funding for multiple pre-qualified firm’s for temporary staffing services for various DC Water Departments.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute funding for multiple pre-qualified firms for temporary staffing services for various DC Water Departments. The purpose of this action is to provide temporary staffing services to DC Water including long and short-term special projects and staff vacancies as needed for a three-year period, August 1, 2023 through July 31, 2026. The amount for the three-year period is \$7,788,296.45.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES FUNDING REQUEST

For Temporary Staffing Services

(Joint Use and Non-Joint Use)

Approval to fund Temporary Staffing Services for preferred pre-qualified firms to provide staffing services for various DC Water Departments in the amount of \$7,788,296.45 for three years.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Mb Staffing Services LLC 819 7 th St. Suite 311 Washington, DC 20001	Griffin Consulting Partners, LLC. 3261 Old Washington Road Waldorf, MD 20602	DBE 85% WBE 15%
22 nd Century Technologies, Inc. 1 Executive Drive, Ste #285 Somerset, NJ 08873	Optimize Manpower Solutions, Inc. 200 Continental Drive Newark, DE 19713	DBE 85% WBE 15%
Aspen of DC, Inc. d.b.a. ADC Management Solutions 1315 Irving Street, NW Washington, DC 20010	N/A	DBE 100%
FM Talent Source 912 Thayer Avenue 3rd Floor Silver Spring, MD 20910	Monbo Group International 10451 Mill Run Circle, Suite 400 Owings Mill, MD 21117	DBE 85% WBE 15%
Freedom International, Inc. 22636 Glenn Drive, Suite 106 Sterling, VA 20164	ABBTECH Professional Resources, Inc 45625 WILLOWPOND Plz Sterling, VA 20164	DBE 49% WBE 51%
Infojini, Inc. 10015 Old Columbia Road, Suite B 215 Columbia, Md 21046	N/A	DBE 100%
SPS Consulting, LLC 1901 Research Blvd Ste 320 Rockville, Md 20850	N/A	DBE 100%

DESCRIPTION AND PURPOSE

Three Year Period Values:	\$7,788,296.45
Base Period Dates:	08-01-2023 – 07-31-2026
Number of Option year:	2
Option Year Period:	08-01-2026 – 07-31-2028
Proposal Closing Date:	07-06-2022
Proposals Received:	17

Purpose of the Request:

Provide funding to supply Temporary Staffing Services for DC Water. The services are needed for special projects (including long and short-term) and staff vacancies. Departments submit individual requests for temporary staffing services as their needs arise.

Scope of the Services:

Provide temporary staffing services to various DC Water user departments. DC Water utilizes temporary staffing services to fill short-term staffing needs, in the areas of Administration, People and Talent, Compliance, Engineering, Water Operations, Department of Pumping and Sewer Operations (DPSO), Wastewater, Facilities, Board Secretary and Maintenance. Qualified individuals are required to assist DC Water staff in project completion, or for interim placement necessary due to employee turnover and/or coverage during a short-term absence.

Supplier Selection:

Procurement advertised and issued a Request for Proposal for temporary staffing services to pre-qualify suppliers. 17 suppliers responded to the proposal. Seven (7) suppliers met the DC Water qualification requirements and are recommended for pre-qualified supplier status. Based on the evaluation criteria of experience, qualifications, price and technical approach, these suppliers were rated the best overall offerors.

PROCUREMENT INFORMATION			
Contract Type:	Fixed Hourly Rate	Award Based On:	Highest Ratings
Commodity:	Good and Services	Contract Numbers:	N/A
Contractor Market:	Open Market with DBE/WBE Goal		

BUDGET INFORMATION			
Funding:	Operating	Department:	DC Water Wide
Project Area:	DC Water Wide	Department Head:	Keith Lindsey

ESTIMATED USER SHARE INFORMATION		
User - Operating – Joint Use Indirect	Share %	Dollar Amount
District of Columbia	71.19%	\$2,721,790.30
Washington Suburban Sanitary Commission	21.21%	\$810,916.87
Fairfax County	4.86%	\$185,811.22
Loudoun Water	2.38%	\$90,993.97
Other (PI)	0.36%	\$13,763.79
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$3,823,276.16

User - Operating – Non-Joint Use Indirect	Share %	Dollar Amount
District of Columbia	100.00%	\$1,188,326.72
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun Water	0.00%	\$0.00
Other (PI)	0.00%	\$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,188,326.72


User - Operating – Joint Use - MJUF	Share %	Dollar Amount
District of Columbia	72.51%	\$36,339.46
Washington Suburban Sanitary Commission	12.70%	\$6,364.79
Fairfax County	8.10%	\$4,059.43
Loudoun Water	5.91%	\$2,961.88
Other (PI)	0.78%	\$390.91
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$50,116.48

BUDGET INFORMATION			
Funding:	Capital	Department:	Engineering and Technical Services (DETS), CIPIM, DCCR
Service Area:	Sanitary Sewer, Water, Combined Sewer	Department Head:	David Parker
Project:	A4, CW, KH, HX		

User - Capital	Share %	Dollar Amount
District of Columbia	100%	\$2,726,577.08
Washington Suburban Sanitary Commission	0%	\$0.00
Fairfax County	0%	\$0.00
Loudoun Water	0%	\$0.00
Other (PI)	0%	\$0.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$2,726,577.08

 / 6/5/2023

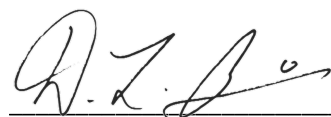
Keith Lindsey Date
Acting Chief People and Inclusion Officer and EVP, People & Talent

 Digitally signed by Dan Bae
DN: C=US, E=dan.bae@dwater.com,
O=District of Columbia Water and
Sewer Authority, OU=VP of
Procurement & Compliance, CN=Dan
Bae
Date: 2023.06.06 09:11:54-04'00'

Dan Bae Date
VP of Procurement

Matthew T. Brown Digitally signed by Matthew T. Brown
Date: 2023.06.08 15:20:00
-04'00'

Matthew T. Brown Date
CFO and EVP, Finance, Procurement and Compliance

 / 6/23/2023

David L. Gadis Date
CEO and General Manager

Presented and Approved: July 6, 2023

SUBJECT: Approval to Execute Supplemental Agreement No. 02 of Contract No. DCFA 483-WSA, Grit, Screenings and Primary Facilities Upgrade, HDR Engineering, Inc.

**#23-40
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the execution of Supplemental Agreement No. 02 of Contract No. DCFA 483-WSA, HDR Engineering, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Supplemental Agreement No. 02 of Contract No. DCFA 283-WSA, Grit, Screenings and Primary Facilities Upgrade, HDR Engineering, Inc. The purpose of this contract is to provide engineering, permitting, bid service, and engineering services during construction for the electrical and ancillary improvements to Headworks Facilities located at the DC Water Blue Plains Advanced Wastewater Treatment Plant. The amount of Supplemental Agreement No. 02 is \$4,499,763.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT

**Grit, Screenings and Primary Facilities Upgrade
(Joint Use)**

Approval to execute Supplemental Agreement No. 02 for \$4,499,763. The modification exceeds the General Manager's approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
HDR Engineering, Inc. 249 Central Park Ave. Suite201 Virginia Beach, VA 23462	Milhouse Engineering and Construction, Inc. Chicago, IL DBE	33.3%
<u>Headquarters</u> Omaha, Nebraska 68114	PDH Associates, Inc. Potomac, MD WBE	11.8%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,000,000
Value of this Supplemental Agreement:	\$4,499,763
Cumulative SA Value, including this SA:	\$8,999,455
Current Contract Value, Including this SA:	\$9,995,455
Original Contract Time:	240 Days (0 Years, 8 Months)
Time extension, this SA:	2,295 Days
Total SA contract time extension:	3,539 Days (9 Years, 8 Months)
Contract Start Date:	06-22-2018
Contract Completion Date:	10-26-2028

Purpose of the Contract:

Provide engineering, permitting, bid services, and engineering services during construction for the electrical and ancillary improvements to Headworks Facilities located at the DC Water Blue Plains Advanced Wastewater Treatment Plant (AWTP).

Original Contract Scope:

Provide engineering services for the development of a Concept Finalization/Preliminary Design Report (CF/PDR), participation in Value Engineering Study, and provide design lock-in documentation for work identified through a condition assessment.

Previous Supplemental Agreement Scope:

The Headworks Facilities located within Blue Plains AWTP has experienced accelerated deterioration due to a corrosive environment caused by hydrogen sulfide gases. As a result, the original agreement was undertaken to provide a CF/PDR to identify electrical and ancillary improvements to the Headworks Facilities through a condition assessment. This Supplemental Agreement serves to provide engineering services for the design of the identified/recommended improvements that, once implemented, will allow continued reliable service of the Headworks Facilities for another 20 years. The scope of work includes:

- Detailed design and development of Contract Bid Documents
- Permitting
- Assist during Bidding Phase
- Development of Conformed Contract documents
- Assist the High Priority Repair and Replacement Program (HPRP) with the design of electrical re-connections of Screens as they are refurbished and reinstalled.

Current Supplemental Agreement Scope:

Provide engineering services for the redesign of Grit Building No. 2 HVAC system that was identified and recommended within the Grit Building No. 2 HVAC technical memo (TM) that was developed under Supplemental Agreement No.1. This contract includes professional design services during construction. The 48-month construction duration is based on anticipated long lead times for electrical equipment. The scope of work includes:

- Detailed design of East Grit Building HVAC.
- Permitting cost
- Provide electrical Instrumentation and control (I&C) design upgrades needed to support the upgraded mechanical equipment.
- Provide professional services during construction.

Future Supplemental Agreement Scope:

- No Future Supplemental Agreement is anticipated.

PROCUREMENT INFORMATION

Contract Type:	Fixed Price & Cost-Plus Fixed Fee	Award Based On:	Highest Ranking Score
Commodity:	Engineering Design Services	Contract Number:	DCFA #483-WSA
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Wastewater Engineering
Service Area:	Wastewater	Department Head:	David Parker
Project:	BQ		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	41.22%	\$1,854,802.00
Washington Suburban Sanitary Commission	45.84%	\$2,062,691.00
Fairfax County	8.38%	\$ 377,080.00
Loudoun County & Potomac Interceptor	4.56%	\$ 205,189.00
Total Estimated Dollar Amount	100.00%	\$4,499,763.00



Digitally signed by David Parker
 DN: E=David.Parker@dcwater.com,
 CN=David Parker, OU=Engineering,
 OU=WASA Users, DC=dcwasa, DC=com
 Date: 2023.06.06 14:41:17-04'00'

David Parker
 VP of Engineering

Date

Matthew T.
 Brown

Digitally signed by Matthew
 T. Brown
 Date: 2023.06.08 13:07:48
 -04'00'

Matthew T. Brown
 CFO and EVP
 Finance and Procurement

Date



Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dcwater.com,
 O=District of Columbia Water and Sewer
 Authority, OU=VP of Procurement &
 Compliance, CN=Dan Bae
 Date: 2023.06.06 16:23:19-04'00'

Dan Bae
 VP of Procurement

Date



David L. Gadis
 CEO and General Manager

6/23/2023

Date

Presented and Approved: July 6, 2023

SUBJECT: Approval to Award Contract No. 10212, Network Infrastructure Extension (NIE) System, Global Com, Inc.

**#23-41
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority (“the Authority”) at its meeting on July 6, 2023 upon consideration of a joint use matter, decided by a vote of ___ () in favor and ___ () opposed to approve the Award of Contract No. 10212 Global Com, Inc.

Be it resolved that:

The Board of Directors hereby authorizes the General Manager to execute Contract No. 10212, Network Infrastructure Extension (NIE) System, Global Com, Inc. The purpose of this contract is to furnish system upgrades which will extend DC Water fiber optic network to twenty strategic operational sites located throughout the Blue Plains campus utilizing our underground communications infrastructure; and facilitate migration from an older legacy system to a more robust and flexible system to support the continuing growth of the Office Administrative (OA) and Process Control (PC) networks. The amount of this contract is \$2,993,758.00.

This Resolution is effective immediately.

Secretary to the Board of Directors

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT AWARD

**Network Infrastructure Extension (NIE) System
(Joint Use)**

Approval to award a contract to furnish Network Infrastructure Extension (NIE) System upgrade at various sites and fund the three-year base term for \$2,993,758. Purchase Orders will be issued based on availability funds, requirements, and vendor performance.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Global Com, Inc. 23465 Rock Haven Way Suite 140 Sterling, VA 20166	SUBS: C(N)E Cheroenhaka Nottoway Enterprises, LLC Mayhew Technology Solutions, LLC	PARTICIPATION: DBE:20% WBE:23%
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DESCRIPTION AND PURPOSE

Base Period Contract Value:	\$2,993,758
Base Period Contract Date:	3 Years
Number of Option Years:	0
Contract Start Date:	July 27, 2023
Contract End Date:	July 26, 2026
Number of Proposals Received:	2
Price Range:	\$2.8 - \$3 million

Purpose of the Contract:

This resulting work will extend the DC Water fiber optic network to twenty strategic operational sites located throughout the Blue Plains campus utilizing our underground communications infrastructure. This project will also allow for migration from an older legacy system to a more robust and flexible system to support the continuing growth of our Office Administrative (OA) and Process Control (PC) networks, which are crucial for plant operations.

Contract Scope:

The scope of work shall include planning, site investigation, implementation, acceptance testing of Sumitomo Air Blown Fiber cables, decommission old and install new cables at various DC Water facilities. DC Water has identified \$390,490 to address potential differing site conditions to include changes in cable path and material increase due to supply chain changes. The DC Water assigned project manager will manage the funds.

Supplier Selection:

Procurement advertised and issued a Request for Proposal for the services. Two (2) firms responded to the solicitation. The award recommendation is based on the overall highest rated offerors.

PROCUREMENT INFORMATION

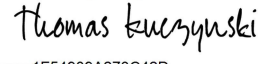
Contract Type:	Cost Plus Fixed Fee	Award Based On:	Best Value
Commodity:	Small Construction & Renovation	Contract Number:	10212
Contractor Market:	Open Market		

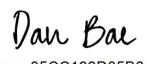
BUDGET INFORMATION


Funding:	Capital	Department:	Information Technology
Project Area:	IV00	Department Head:	Thomas Kuczynski
Service Area:	Blue Plains		

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	41.22%	\$1,234,027.05
WSSC	45.84%	\$1,372,338.67
Fairfax County	8.38%	\$250,876.92
Loudoun Water	3.73%	\$111,667.17
Other (PI)	0.83%	\$24,848.19
TOTAL ESTIMATED DOLLAR AMOUNT		\$2,993,758

DocuSigned by:

 1F54000A270C42D... /6/7/2023
 Thomas Kuczynski Date
 VP, Information Technology

DocuSigned by:

 06CC100D06B64C0... /6/7/2023
 Dan Bae Date
 VP of Procurement

Matthew T. Brown

 Digitally signed by Matthew T. Brown
 Date: 2023.06.09 09:05:15 -04'00'
 Matthew T. Brown Date
 CFO and EVP, Finance, Procurement, and Compliance


 6/23/2023
 David L. Gadis Date
 CEO and General Manager