

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY Board of Directors

Meeting of the Environmental Quality and Operations Committee

5000 Overlook Avenue, SW, Room 407 Thursday, September 20, 2018 9:00 a.m.

I. Call to Order James Patteson Chairperson

9:00 a.m. II. Action Items John Bosley

Joint Use

- 1. Contract No. 16-PR-DFS-77 – Fire Protection Systems, BFPE International, Inc.
2. Contract No. 15-PR-WWT-53A – Ferric Chloride, Carter & Carter Enterprises, Inc.
3. Contract No. 15-PR-DWT-21 — Supply and Delivery of Sodium Hypochlorite, Kuehne Chemical Co.

Non-Joint Use

- 1. None

9:10 a.m. III. Executive Session*

9:15 a.m. IV. Adjournment James Patteson Chairperson

9:15 a.m. – 11:15 a.m. Site Visits Outside of Blue Plains – Sewer and Stormwater Pump Stations (Committee Members Only)

* The 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: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(1); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(9); personnel matters under D.C. Official Code § 2- 575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

Follow-up Items from Prior Meetings:

1. The IMA Regional Committee (RC) brief the EQ&Ops Cmte on the work of the IMA RC **[Target: October 2018 EQ&Ops Cmte Mtg]**
2. Chief Engineer, DC Water: Provide a presentation on the prioritization criteria for selection of water mains to be replaced each year **[Target: November 2018 EQ&Ops Cmte Mtg]**
3. Director, DETS: Provide additional detail regarding specific impacts to sewage pumping stations for both the 100-year and 500-year flood scenarios. **[Target: January 2019 EQ&Ops Cmte Mtg]**
4. Director, Clean Water & Technology: Reschedule presentation on Blue Plains Research & Development Overview and Update for EQ&Ops Committee meeting. **[Target: December 2018 EQ&Ops Cmte Mtg]**
5. Chief Engineer, DC Water: Reschedule site visits with Committee members to Pump Stations. **[On Current Agenda]**
6. Chief Engineer, DC Water: Brief the Committee in detail concerning the risk assessment tool, specifically concerning the criteria and scoring used for both likelihood of failure (LOF) and consequence of failure (COF). **[Target: November 2018 EQ&Ops Cmte Mtg]**
7. Chief Engineer, DC Water: Provide the Committee with more details regarding the assumptions behind the traffic delay costs factored in the TBL analysis. **[Forwarded to BOD Secretary 9/11/18]**
8. AGM CC&O, DC Water: Provide a briefing to the Committee regarding preventative and corrective maintenance programs on water, storm and sanitary sewer pump stations also including performance of DC Water's SCADA system. **[Target: November 2018 EQ&Ops Cmte Mtg]**

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

ACTION REQUESTED

**GOODS AND SERVICES CONTRACT EXERCISE OPTION YEAR
Fire Protection Systems
(Joint Use)**

Approval to execute option year 2 for DC Water's Fire Protection Systems contract in the amount of **\$688,384.00**

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: BFPE International Inc. 7512 Connelly Dr. Hanover, MD 21076	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$199,600.00
Base Contract Period:	10-10-2016 – 10-11-2017
Number of Option Years:	2
Option Year 1 Value:	\$199,600.00
Option Year 1 Dates:	10-10-2017 – 10-11-2018
Contract Modification No 2 Value:	\$99,771.45
Contract Modification No 2 Dates:	07-01-2018 – 10-11-2018
This Option Year 2 Value:	\$688,384.00
This Option Year 2 Dates:	10-12-2018 – 10-13-2019

Purpose of the Contract:

DC Water requires a qualified contractor to furnish all labor, materials, equipment and tools to maintain and service the Fire Protection Service.

Contract Scope:

To provide preventative and operational maintenance for the fire protection system, including routine preventative maintenance and repairs of all fire protection systems.

Contract Modification Scope:

- Capital equipment: New command console, fire alarm system, emergency infrastructure, software, sensors, and other system elements required to upgrade the current obsolete fire system in multiple buildings. The amount for this onetime capital cost is **\$ 350,008.00**.
- Operations Scope: The New Headquarters will be added to the Scope of work. Additionally, DC Water needs to address open issues identified by Fire Marshal including semiannual testing of all devices. A full-time fire specialist is added to service all DC Water-Wide fire protection systems. This will eliminate emergency calls and transportation expenses and thus more cost-efficient solution with the guaranteed timely service. The new amount for Operations and Maintenance with increased scope is **\$ 338,376.00**.

Spending Previous Year:

Cumulative Contract Value:	10-10-2016 to 10-11-2018:	\$ 498,971.45
Cumulative Contract Spending:	10-01-2016 to 08-30-2018:	\$ 498,971.45

No LSB/LSBE participation.

PROCUREMENT INFORMATION

Contract Type:	Fixed Rates	Award Based On:	Highest Ratings
Commodity:	Good and Services	Contract Number:	16-PR-DFS-77
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Facilities
Project Area:	DC Water Wide	Department Head:	Steve Caldwell

ESTIMATED USER SHARE INFORMATION

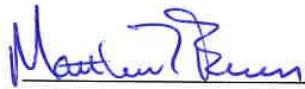
User – Operating	Share %	Dollar Amount
District of Columbia	83.76%	\$283,423.74
Washington Suburban Sanitary Commission	12.09%	\$40,909.66
Fairfax County	2.69%	\$9,102.31
Loudoun Water	1.30%	\$4,398.89
Other (PI)	0.17%	\$575.24
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$338,376.00

BUDGET INFORMATION

Funding:	Capital Equipment	Department:	Facilities
Project Area:	DC Water Wide	Department Head:	Steve Caldwell

User – Capital Equipment (EQP3410)	Share %	Dollar Amount
District of Columbia	72.37%	\$253,300.79
Washington Suburban Sanitary Commission	21.49%	\$75,216.72
Fairfax County	3.97%	\$13,895.32
Loudoun Water	1.78%	\$6,230.14
Other (PI)	0.39%	\$1,365.03
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$350,008.00


 Maureen Holman
 Acting Chief Administrative Officer
 Date 9/11/18


 Matthew T. Brown
 Chief Financial Officer
 Date 9/13/18


 Dan Bae
 Director of Procurement
 Date 9/11/18

 David L. Gadis
 CEO and General Manager
 Date

**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)**

This contract action is to add additional funding of \$1,100,000 in funds to option year two (2).

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Carter & Carter Enterprises Inc. 212 Van Buren Street, NW Washington, D.C. 20012 LSBE	N/A	100%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$3,325,000.00
Original Contract Dates:	01-10-2016—01-09-2017
No. of Option Years in Contract:	4
Option Year 1 Value:	\$3,281,775.00
Option Year 1 Dates:	01-10-2017—01-09-2018
Option Year 2 Value:	\$3,600,000.00
Option Year 2 Dates:	01-10-2018—01-09-2019
Option Year 2 Additional Funding:	\$1,100,000.00
Option Year 2 Dates:	01-10-2018—01-09-2019

Purpose of the Contract:

The purpose of this contract is to secure the consistent supply and delivery of ferric chloride to DC Water's Blue Plains Advanced Wastewater Treatment Facility. Ferric chloride removes phosphorous and suspended solids in wastewater's primary and secondary treatment stages, which are required to meet DC Water's discharge permits. Ferric chloride is dual-sourced to ensure supply security. The second contract is with PVS.

Reason for this Request

Ferric chloride use has increased significantly in the current year due to heavy rain and incremental consumption in the TDPS/ECF units. Additional Option Year 2 supply and funding are required to meet demand. The extra amount will solely come from Carter & Carter.

Spending Previous Year:

Cumulative Contract Value:	01-10-2016 to 01-09-2019: \$10,206,775.00
Cumulative Contract Spending:	01-10-2016 to 08-03-2018: \$9,508,775.00

Contractor's Past Performance:

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

PROCUREMENT INFORMATION

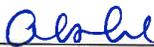
Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Ferric Chloride	Contract Number:	15-PR-WWT-53A
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

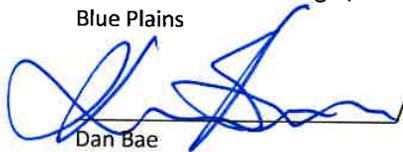
BUDGET INFORMATION

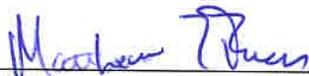
Funding:	Operating	Department:	Wastewater Treatment
Project Area:	Blue Plains	Department Head:	Salil M. Kharkar

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	41.90%	\$460,900.00
Washington Suburban Sanitary Commission	43.10%	\$474,100.00
Fairfax County	9.59%	\$105,490.00
Loudoun Water	4.64%	\$51,040.00
Other (PI)	0.77%	\$8,470.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,100,000.00

 / 9-6-18
 Akile Tesfaye Date
 Assistant General Manager,
 Blue Plains

 9/6/18
 Dan Bae Date
 Director of Procurement

 9/10/18
 Matthew T. Brown Date
 Chief Financial Officer

_____/_____
 David L. Gadis Date
 CEO and General Manager

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

**Supply and Delivery of Sodium Hypochlorite
(Joint Use)**

Approval to exercise Option Year 3 for the sodium hypochlorite supply and delivery contract in the amount of \$3,600,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Kuehne Chemical Co. Inc. 86 N. Hackensack Ave. S. Kearny, NJ 07032	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$3,656,900.00
Original Contract Dates:	10-16-2015 – 10-15-2016
No. of Option Years in Contract:	4
Option Year 1 Value:	\$3,804,300.00
Option Year 1 Dates:	10-16-2016 – 10-15-2017
Option Year 2 Value:	\$3,300,000.00
Option Year 2 Dates:	10-16-2017 – 10-15-2018
Option Year 3 Value:	\$3,600,000.00
Option Year 3 Dates:	10-16-2018 – 10-15-2019

Purpose of the Contract:

To supply and deliver sodium hypochlorite. The sodium hypochlorite is used as disinfection and odor control.

Contract Scope:

DC Water has an on-going need for sodium hypochlorite. At the Blue Plains Advanced Wastewater Treatment Facility, it is primarily used for outfall disinfection, but also to control biological growth control on multimedia filters, and for odor control in the scrubbers. Exercising Option Year 3 will provide an uninterrupted service by the supplier.

The use of sodium hypochlorite solution in DC Water's wastewater treatment processes is required to ensure continuous compliance with the National Pollution Discharge Elimination System (NPDES) permit requirements, as well as the Clean Water Act (CWA).

Spending Previous Year:

Cumulative Contract Value:	10-16-2015 to 10-15-2018: \$10,761,200.00
Cumulative Contract Spending:	10-16-2015 to 08-13-2018: \$9,826,181.00

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.

No LSB/LSBE participation

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Lowest Bid
Commodity:	Services	Contract Number:	15-PR-DWT-21
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Wastewater Treatment
Project Area:	Blue Plains AWTP	Department Head:	Salil Kharkar

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	41.90%	\$1,508,400.00
Washington Suburban Sanitary Commission	43.10%	\$1,551,600.00
Fairfax County	9.59%	\$345,240.00
Loudoun Water	4.64%	\$167,040.00
Other (PI)	0.77%	\$27,720.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$3,600,000.00

 / 9-6-18
 Akile Tesfaye
 Assistant General Manager,
 Blue Plains
 Date

 / 9/6/18
 Dan Bae
 Director of Procurement
 Date

 / 9/10/18
 Matthew T. Brown
 Chief Financial Officer
 Date

_____/_____
 David L. Gadis
 CEO and General Manager
 Date