



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Board of Directors**

Meeting of the
Environmental Quality and Operations Committee

Thursday, May 21, 2020
9:30 a.m.

**Via Microsoft Teams
202-753-6714 Conference ID: 673 314 534**

- I. **Call to Order** Adam Ortiz
Chair
- II. **Roll Call** Linda Manley
Board Secretary
- 9:30 a.m. III. **Action Items** Joel Grosser/ Len Benson
 - Joint Use**
 1. 16-PR-WWT-67A – Primary Treatment Polymer – Polydyne, Inc.
 2. 16-PR-WWT-67B – Secondary Treatment Polymer – Polydyne, Inc.
 3. 16-PR-DWT-13A – Solids Screening Facility Hauling – Urban Service Systems Corp.
 4. Contract No.: DCFA 483 - Grits, Screening, & Primary Facilities Upgrades, HDR Engineering, Inc.
 - Non-Joint Use**
 1. Contract No.: 160060 - Small Diameter Water Main Replacement 13C, Garney Companies, Inc.
- 9:40 a.m. IV. **Other Business / Emerging Issues**
- 9:45 a.m. V. **Executive Session***
- 10:10 a.m. VI. **Adjournment** Adam Ortiz
Chair

Follow-up Items from Prior Meetings:

1. *SVP, CIP Project Delivery: Include risks associated with a potential privatization of the Washington Aqueduct and its impact on rates as part of the Risks and Sensitivities analysis. [TBD]*
2. *VP, DC Clean Rivers: Schedule a tour of GI Sites [TBD]*

* 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)(2); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4)(A); 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); train and develop members of a public body and staff under D.C. Official Codes § 2-575(b)(12); 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.

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

ACTION REQUESTED

GOODS AND SERVICES CONTRACT AWARD YEAR

**PRIMARY TREATMENT POLYMER
(Joint Use)**

This contract action is to exercise option year 3 in the amount of \$570,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Polydyne, Inc. One Chemical Plant Road Riceboro, GA 31323	N/A	N/A

DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$181,000.00
Base Year Contract Dates:	04-01-2017 – 03-31-2018
No. of Option Years in Contract:	3
Option Year 1 Value:	\$180,000.00
Option Year 1 Date:	04-01-2018 – 03-31-2019
Option Year 2 Value:	\$370,000.00
Option Year 2 Date:	04-01-2019 – 03-31-2020
Prior Modifications Value:	\$265,000.00
Prior Modifications Date:	01-09-2018 – 06-30-2020
Option Year 3 Value:	\$570,000.00
Option Year 3 Dates:	07-01-2020 – 06-30-2021

Purpose of the Contract and Scope:

This contract is to supply and deliver primary treatment polymer to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. This polymer is used to help remove suspended solids from water to comply with DC Water’s environmental permit.

Wastewater entering Blue Plains contains suspended solids, and the concentration of solids must be reduced to meet DC Water’s permits. Polymers are added to these processes to interact with the solids (and in primary and secondary clarification, with ferric chloride as well) to help remove them.

Spending Previous Year:

Cumulative Contract Value:	04-01-2017 to 06-30-2020: \$996,000.00
Cumulative Contract Spending:	04-01-2017 to 03-31-2020: \$987,240.00

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.

No LBE/LSBE participation

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Polymer	Contract Number:	16-PR-WWT-67A
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:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	45.15%	\$257,355.00
Washington Suburban Sanitary Commission	39.61%	\$225,777.00
Fairfax County	9.76%	\$55,632.00
Loudoun Water	4.74%	\$27,018.00
Other (PI)	0.74%	\$4,218.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$570,000.00

Aklile Tesfaye , 5/11/20
 Aklile Tesfaye Date
 VP of Wastewater Operations

 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: 2020.05.11 15:54:18-04'00'
 Dan Bae Date
 VP of Procurement and compliance

Matthew T. Brown , 5/14/2020
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

David L. Gadis / Date
 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 AWARD YEAR

**SECONDARY TREATMENT POLYMER
(Joint Use)**

This contract action is to exercise option year 3 in the amount of \$300,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Polydyne, Inc. One Chemical Plant Road Riceboro, GA 31323	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Base Year Contract Value:	\$277,000.00
Base Year Contract Dates:	04-01-2017 – 03-31-2018
No. of Option Years in Contract:	3
Option Year 1 Value:	\$250,000.00
Option Year 1 Date:	04-01-2018 – 03-31-2019
Option Year 2 Value:	\$280,000.00
Option Year 2 Date:	04-01-2019 – 03-31-2020
Prior Modifications Value:	\$180,000.00
Prior Modifications Date:	04-01-2020 – 06-30-2020
Option Year 3 Value:	\$300,000.00
Option Year 3 Dates:	07-01-2020 – 06-30-2021

Purpose of the Contract and Scope:

This contract is to supply and deliver secondary treatment polymer to DC Water’s Blue Plains Advanced Wastewater Treatment Facility. This polymer is used to help remove suspended solids from water to comply with DC Water’s environmental permit.

Wastewater entering Blue Plains contains suspended solids, and the concentration of solids must be reduced to meet DC Water’s permits. Polymers are added to these processes to interact with the solids (and in primary and secondary clarification, with ferric chloride as well) to help remove them.

Spending Previous Year:

Cumulative Contract Value:	04-01-2017 to 06-30-2020: \$987,000.00
Cumulative Contract Spending:	04-01-2017 to 03-31-2020: \$806,992.00

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.

No LBE/LSBE participation

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Best Value
Commodity:	Polymer	Contract Number:	16-PR-WWT-67B
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:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	45.15%	\$135,450.00
Washington Suburban Sanitary Commission	39.61%	\$118,830.00
Fairfax County	9.76%	\$29,280.00
Loudoun Water	4.74%	\$14,220.00
Other (PI)	0.74%	\$2,220.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$300,000.00

Aklile Tesfaye 15/11/20
 Aklile Tesfaye Date
 VP of Wastewater Operations

 Digitally signed by Dan Bae
 DN: C=US, E=dan.bae@dwwater.com,
 O=District of Columbia Water and Sewer
 Authority, OU=VP of Procurement &
 Compliance, CN=Dan Bae
 Date: 2020.05.11 15:52:17-04'00'
 Dan Bae Date
 VP of Procurement and compliance

Matthew T. Brown 5/14/2020
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

David L. Gadis / Date
 David L. Gadis
 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

**Solids Screening Facility Hauling
(Joint Use)**

Approval to exercise option year 4 for the hauling of grit and scum from the solids screening facility in the amount of \$1,174,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Urban Service Systems Corporation 212 Van Buren St., NW Washington, D.C. 20012	SUBS: N/A	PARTICIPATION: 100%
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$900,000.00
Original Contract Dates:	04-18-2016 – 04-17-2017
No. of Option Years in Contract:	4
Option Year 1 Value:	\$850,000.00
Option Year 1 Dates:	06-19-2017 – 06-18-2018
Option Year 2 Value:	\$1,018,000.00
Option Year 2 Dates:	06-19-2018 – 06-18-2019
Option Year 3 Value:	\$1,002,000.00
Option Year 3 Dates:	06-19-2019 – 06-18-2020
Prior Modification Value:	\$860,352.06
Prior Modification Dates:	04-18-2017 – 06-18-2020
Option Year 4 Value:	\$1,174,000.00
Option Year 4 Dates	06-19-2020 – 06-18-2021

Purpose of the Contract:

This contract provides DC Water’s Department of Wastewater Treatment (DWT) and Department of Pumping Operations (DPO) with hauling and disposal services for grit and scum collected at the Blue Plains Screenings and Grit Removal Facilities and from Screenings Removal Facilities at the Authority’s Sewer Pumping Stations.

Contract Scope:

The Contractor provides all necessary labor, supervision, equipment, materials, tools, insurance and personnel for the hauling of grit, screenings and scum from the above-mentioned areas. Urban Service Systems Corporation (Urban) staff are on site during the day and on call 24/7 to monitor trailers that are being filled. Urban’s trailers collect the screenings and grit material then weighs the trailers and hauls the collected material to permitted disposal facilities.

Spending Previous Year:

Cumulative Contract Value:	04-18-2016 to 06-18-2020: \$4,630,352.06
Cumulative Contract Spending:	04-18-2016 to 04-01-2020: \$4,238,907.33

Contractor’s Past Performance:

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

PROCUREMENT INFORMATION

Contract Type:	Fixed Price	Award Based On:	Best Value
Commodity:	Hauling	Contract Number:	16-PR-DWT-13A
Contractor Market:	Open Market with Preference Points for LBE and LSBE participation		

BUDGET INFORMATION

Funding:	Operating	Department:	DWT
Service Area:	Blue Plains	Department Head:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	45.15%	\$496,650.00
Washington Suburban Sanitary Commission	39.61%	\$435,710.00
Fairfax County	9.76%	\$107,360.00
Loudoun Water	4.74%	\$52,140.00
Other (PI)	0.74%	\$8,140.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00	\$1,100,000.00


BUDGET INFORMATION

Funding:	Operating	Department:	DPO
Service Area:	District of Columbia	Department Head:	Kenrick St. Louis

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$74,000.00
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%	\$74,000.00

 , 5/11/20
 Aklile Tesfaye Date
 VP of Wastewater Operations


 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: 2020.05.11 15:54:02-04'00'
 Dan Bae Date
 VP of Procurement and Compliance

 , 5/14/2020
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

 David L. Gadis Date
 CEO and General Manager

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

ACTION REQUESTED

ENGINEERING SERVICES SUPPLEMENTAL AGREEMENT:

Grit, Screening, & Primary Facilities Upgrades(Joint Use)

Approval to execute Supplemental Agreement No. 01 for \$4,495,692. The modification exceeds the General Manager’s approval authority.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
HDR Engineering, Inc. 11820 Fountain Way, Suite204 Newport News, Va. 23606 <u>Headquarters</u> Omaha, Nebraska 68114	Milhouse Engineering and Construction, Inc. Gaithersburg, Md. MBE PDH Associates, Inc. Potomac, Md. WBE	30.8% 10.7%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$1,000,000
Value of this Supplemental Agreement:	\$4,495,692
Cumulative SA Value, including this SA:	\$4,495,692
Current Contract Value, Including this SA:	\$5,495,692
Original Contract Time:	240 Days (0 Years, 8 Months)
Time extension, this SA:	1,244 Days
Total SA contract time extension:	1,244 Days (3 Years, 6 Months)
Contract Start Date:	06-22-2018
Contract Completion Date:	07-15-2022

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.

Current Supplemental Agreement Scope:

The Headworks Facilities located within Blue Plains AWTP have experienced accelerated deterioration due to a corrosive environment caused by hydrogen sulfide gases. 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:

- Detail design and development of Contract Bid Documents
- Permitting
- Assistance during Bidding Phase
- Development of Conformed Contract documents
- Provide on-call engineering assistance for emergency replacements or upgrades required in the area of work for the duration of the design and construction period, including electrical re-connections of Screens as they are refurbished and reinstalled

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

ACTION REQUESTED

CONSTRUCTION CONTRACT:

**Small Diameter Water Main Replacement 13C
(Non-Joint Use)**

Approval to execute a construction contract for \$8,272,225.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Garney Companies, Inc. 4515 Daly Drive Suite K Chantilly, VA 20151 <u>Headquarters</u> Kansas City, MO 64118	Aves Construction Corporation Temple Hills, MD MBE	20.5%
	Asphalt General Beltsville, MD MBE	11.5%
	Acorn Supply & Distributing, Inc. White Marsh, MD WBE	4.2%
	Sandras Supplies, LLC. Bowie, MD WBE	1.8%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed:	\$8,272,225.00
Contract Time:	357 Days (11 Months)
Anticipated Contract Start Date (NTP):	08-13-2020
Anticipated Contract Completion Date:	08-05-2021
Bid Opening Date:	03-11-2020
Bids Received:	7
Other Bids Received	
Anchor Construction	\$8,314,796.00
Metro Paving Corporation	\$8,379,589.00
Capitol Paving of DC, Inc.	\$8,453,954.00
Sagres Construction	\$8,487,141.00
J. Fletcher Creamer & Son	\$9,096,153.00
Fort Myer Construction	\$9,432,253.00

Purpose of the Contract:

Replacement of small diameter water mains that have experienced failures, or have a history of low water pressure, or water quality issues across various locations within the District of Columbia.

Contract Scope:

- Replace 2.5 miles of water main ranging from four inch to twelve inches and associated valves and appurtenances.
- Replace copper water services two inch diameter and smaller in public and private space.
- Replace curb stop / curb stop box, meter box and provide penetration through building wall and connection to first fitting inside the building including installation of a shut-off valve and pressure reducing valve.
- Provide permanent pavement and surface restoration.

Federal Grant Status:

- Construction Contract is eligible for Federal grant funding assistance: inclusion in grant is pending availability of grant funds.

PROCUREMENT INFORMATION

Contract Type:	Unit Price	Award Based On:	Lowest responsive, responsible bidder
Commodity:	Construction	Contract Number:	160060
Contractor Market:	Open Market		

BUDGET INFORMATION

Funding:	Capital	Department:	Engineering and Technical Services
Service Area:	Water	Department Head:	Craig Fricke
Project:	F1, BW		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	100.00%	\$8,272,225.00
Federal Funds	0.00%	\$0.00
Washington Suburban Sanitary Commission	0.00%	\$0.00
Fairfax County	0.00%	\$0.00
Loudoun County & Potomac Interceptor	0.00%	\$0.00
Total Estimated Dollar Amount	100.00%	\$8,272,225.00

Senail Manley _____ May 14, 2020
 for Leonard R. Benson _____
 SVP, CIP Project Delivery Date

Dan Bae _____ May 15, 2020
 Dan Bae, VP _____
 Procurement and Compliance Date

Matthew T. Brown _____ May 15, 2020
 Matthew T. Brown _____
 CFO and EVP Date
 Finance and Procurement

David L. Gadis _____ Date
 CEO and General Manager