

GWINNETT COUNTY WATER AND SEWERAGE AUTHORITY AGENDA**Monday, January 10, 2022 - 4:00 P.M.**Department of Water Resources, Training Room
684 Winder Highway, Lawrenceville, GA 30045Present: B. Kerlin, J Lan, B. Martin, C. Thompson
Absent: D. Witham

- I. Call to Order
- II. Approval of Agenda

{Action: Approved: Motion: Martin; Second: Lan; Vote: 3-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Absent; Witham-Absent)
- III. Approval of Minutes – December 8, 2021

{Action: Approved: Motion: Lan; Second: Martin; Vote: 3-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Absent; Witham-Absent)
- IV. Approval to renew BL016-18, provision of HVAC maintenance and repair services for various Department of Water Resources locations on an annual contract (April 18, 2022 through April 17, 2023), with Capital City Mechanical Services, Inc.; Maxair, Inc.; and United Maintenance, Inc., base bid \$1,500,000.00.

{Action: Approved: Motion: Lan; Second: Thompson; Vote: 4-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Witham-Absent)
- V. Approval to renew BL042-19, replacement of water meters, 2 inches and smaller, on an annual contract (May 8, 2022 through May 7, 2023), with UWS, Inc., base bid \$630,000.00.

{Action: Approved: Motion: Lan; Second: Thompson; Vote: 4-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Absent; Witham-Absent)
- VI. Approval to renew RP027-17, provision of on-call Supervisory Control and Data Acquisition (SCADA) conversion pre-construction and construction services on an annual contract (February 7, 2022 through February 6, 2023), with Crowder Construction Company, base amount \$5,825,000.00.

{Action: Approved: Motion: Lan; Second: Martin; Vote: 4-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Absent; Witham-Absent)

Monday, January 10, 2022 – 4:00pm

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Old Business:

VII. Approval of the Water Distribution and Wastewater Collection Infrastructure Standards in accordance with Sections 106-22(d) and 106-98(d) of the Gwinnett County Code of Ordinances. Subject to approval as to form by the Law Department.

VIII.



{Action: Tabled: Motion: Lan; Second: Thompson ; Vote: 4-0}
(Kerlin-Yes; Lan-Yes; Martin-Yes; Thompson-Yes; Witham-Absent)

IX. Comments

X. Adjourn

{Action: Unanimous Approval}

The January 10, 2022
Gwinnett County
Water and Sewerage
Authority meeting
will begin at
4:00pm



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Welcome
to the January 10, 2022
Gwinnett County
Water and Sewerage
Authority meeting

Please mute your
phone unless
speaking



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**BL016-18
HVAC
MAINTENANCE
AND REPAIR
SERVICES**

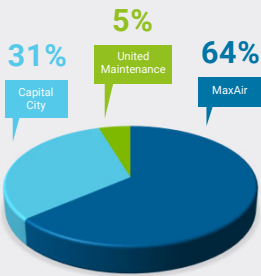


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**WHAT THIS
CONTRACT COVERS**




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31%	5%	64%
Capital City	United Maintenance	MaxAir

- INVENTORY AND ASSESSMENT
- PREVENTIVE MAINTENANCE
- REPAIR & REPLACEMENT
 - Lowest Cost
- EMERGENCIES
 - Quickest Response



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BACKGROUND



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HVAC SYSTEMS WITH OVER 1,000 SERVICABLE COMPONENTS

Inventory and condition assessment completed to prioritize and plan repair and replacement (R&R).

A majority of the systems are reaching, or have surpassed, their estimated useful life.

Gwinnett

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HVAC MAINTENANCE AND REPAIR

MAJOR PROJECTS COMPLETED

Gwinnett

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- ▶ Shoal Creek FP Filter Building
- ▶ Shoal Creek Water PS
- ▶ Lanier FP Ferric Chloride Storage Room
- ▶ Lanier FP Solids Building
- ▶ Grayson Tank and Booster Station Phase 3
- ▶ Rock Quarry Tank and Booster Station
- ▶ DWR Central Boilers
- ▶ DWR Laboratory Controls

Gwinnett

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HVAC MAINTENANCE AND REPAIR

PLANNED PROJECTS

Gwinnett

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REPAIR OR REPLACE

- DWR Lab Chillers
- FWH Effluent Electrical Building
- FWH RAS/WAS 1 Pump Station Building

ROUTINE MAINTENANCE

Gwinnett

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SUMMARY

Renewal of BL016-18

Gwinnett

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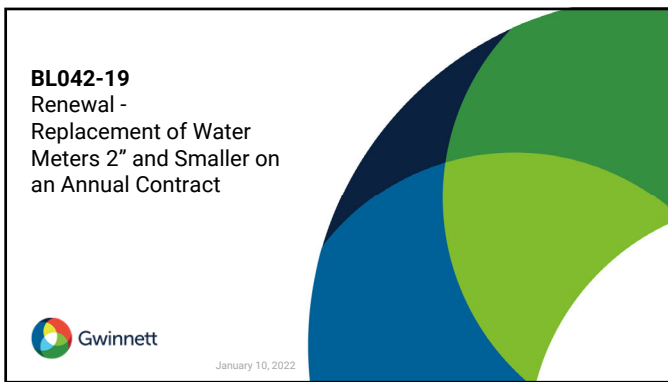
VENDOR	CONTRACT	AMOUNT REQUESTED
Capital City Mechanical, Inc. — MaxAir, Inc. — United Maintenance, Inc.	4 th and Final Renewal Option	BASE AMOUNT \$1,500,000 with no minimum or maximum guarantee



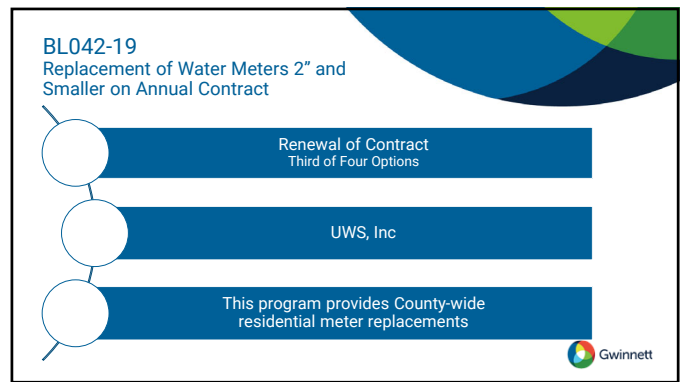
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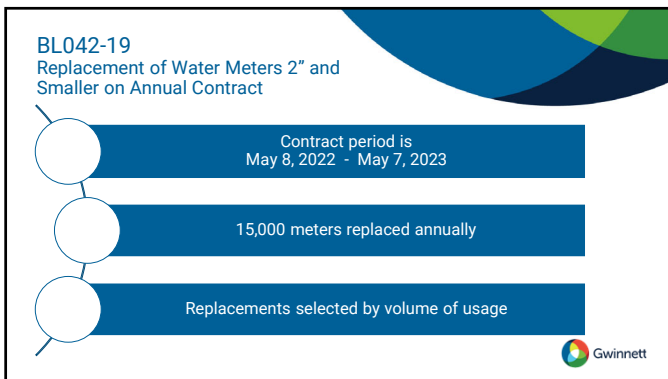
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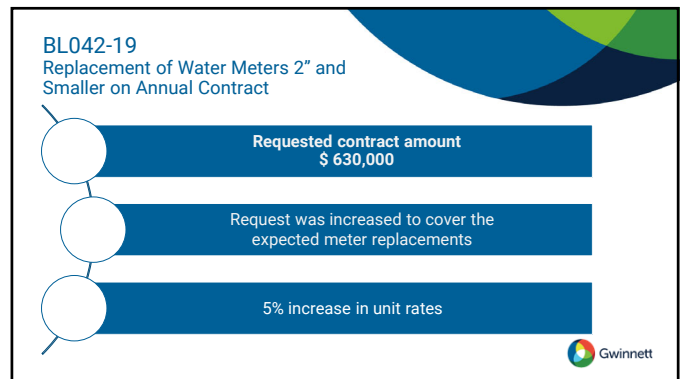
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BL042-19
Replacement of Water Meters 2" and Smaller on Annual Contract

Questions ?



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Recommendation to Renew RP027-17

On-Call SCADA Conversion Preconstruction and Construction Services on an Annual Contract under DWR SCADA Conversion Program for Crowder Construction

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RP027-17 Preconstruction and Construction Services Crowder Construction




SCOPE OF SERVICE:

- System hardware and software
- Electrical Duct banks
- Pull and terminate: Wire, Fiber and Cabling
- Field Instrumentation
- System Migration from DCS to SCADA
- Demolition of DCS System
- Startup Assistance



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RP027-17 Preconstruction and Construction Services Crowder Construction



PROJECT HISTORY:

- 2017 : Advertised for On Call Contractor
- 2018: Selected On Call Contractor & Began Construction
- 2019: 1st Contract Renewal
- 2020: 2nd Renewal of 4 options to renew
- 2021: 3rd Renewal of 4 options to renew
- 2022: 4th and final renewal.


CURRENT STATUS AND FORECAST:

- WP-1: High Lime & Operations Bldg – Dec. 2019 (closed)
- WP-2: Prelim. & Secondary Treatment- Feb. 2022
- WP-3: Tertiary Treatment – Feb. 2022
- WP-4: Solids and Main Electrical Systems- August 2022
- WP-5: Chem Systems, Membrane & EQ Tanks-September 2022



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RP027-17 Preconstruction and Construction Services Crowder Construction



Work Package/PO	2018	2019	2020	2021	2022
1-High Lime & Ops Bldg	X	X			
2-Prelim - Secondary		X	X	X	X
3-Tertiary Treatment		X	X	X	X
4-Solids & Elec			X	X	X
5-Chem, Membrane & EQ				X	X
FWH PLC Project Subtotal	\$2,661,776	\$8,341,081	\$7,680,902	\$5,067,000	\$4,825,000
Pump Stations	\$132,667		\$180,000	\$119,000	\$1,000,000
Lanier Fiber		\$1,559,211	\$1,162,122		
Central Server		\$186,280	\$155,312		
Shoal Creek Fiber		\$531,674	\$1,604,567		
RP027-17 Cost Total :	\$2,794,443	\$10,618,246	\$10,782,903	\$5,186,000	\$5,825,000

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Questions

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Water & Sewer Standards Update



January 10, 2022



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Water & Sewer Standards Update

- No changes since last meeting
- Waiting on final decision for Section 2.1.4
 - Project versus system improvements
 - Developer Participation Agreements
- Request to table this item to February 7, 2022 meeting



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