



Action Requested/Required:

- Vote/Action Requested
- Discussion or Presentation Only
- Public Hearing
- Report Date: _____
- Hearing Date: _____
- Voting Date: _____

Department: Community Development **Presenter(s) & Title:** Bethany Watson
City Engineer

Agenda Item Title:

Discussion on the Award of Task Order 6 Addendum 1 for Supplemental Services for Brown Industrial Booster Pump and Waterline to Black & Veatch in the amount of \$39,716.00

Summary:

In 2022, the City tasked Black & Veatch (B&V) to design a water system improvement project which includes the construction of a new Brown Industrial Booster Pump Station (BPS) at the site of the existing abandoned Brown Industrial Elevated water storage tank that was demolished in 2023. The design also included a waterline extension for intake and discharge from the Brown Industrial BPS to the 1292 pressure zone and decommissioning of the Coker Street booster pump system. The components of the proposed project were addressed in the Water System Master Plan from 2018. The purpose of the proposed upgrades is to provide improved flow to the 1292 Pressure Zone. As part of this project, B&V has provided the following professional services: project administration and management, detailed design, bidding assistance, and construction observation services. B&V is requesting approval of various supplementary services related to the design of the project that were not anticipated in the original scope of services. These items include scoping and development of the I-575 Water main, updating DDR and construction documents.

Budget Implications:

Budgeted? Yes No N/A
Total Cost of Project: Check if Estimated
Fund Source: General Fund Water & Sewer Sales Tax Other:

Staff Recommendations:

Staff recommends Award of Task Order 6 Addendum 1 for Supplemental Services for Brown Industrial Booster Pump and Waterline to Black & Veatch in the amount of \$39,716.00

Reviews:

Has this been reviewed by Management and Legal Counsel, if required? Yes No

Attachments:

Proposal

THIS SERVES AS A SUPPLEMENTAL AGREEMENT made as of _____, between the **City of Canton, Georgia, (OWNER)** and **Black & Veatch Corporation, (Consultant)**.

Owner and **Consultant** have previously executed a Professional Services Agreement dated December 20, 2018 and amended February 3, 2022, that defines general terms under which **Consultant** will furnish General Consulting Engineering Services and Project Engineering Services to **Owner**. **Owner** now wishes to engage **Consultant** to provide services in connection with the Project known as Task Order to. 6 Addendum 1 Supplemental Services for Brown Industrial Booster Pump and Waterline. The Scope of Services is defined in Attachment A.

The fee for these services will be a Time and Expense Amount as outlined in Exhibit A of the Professional Services Agreement. Payments will be made monthly in accordance with the number of hours worked by personnel of **Consultant**. The amount will be a not to exceed amount of Thirty-nine thousand Seven Hundred Sixteen dollars (\$39,716).

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

Owner:
City of Canton _____

Bill Grant _____

Mayor _____
Title

Signature

Attest:

Consultant:
Black & Veatch Corporation _____

William J. Wells _____
By (Typed Name)

Title

Signature

Attest:

Approved as to form

Robert M. Dyer
City of Canton
Attorney

ATTACHMENT A

PROPOSAL FOR

**TASK ORDER NO. 6:
BROWN INDUSTRIAL
BOOSTER PUMP STATION
(ADDENDUM 1)**

PREPARED FOR

CANTON

City of Canton

28 MAY 2024



Exhibit A

Supplementary Scope of Services

Project Purpose

In 2022, the City of Canton (City) tasked Black & Veatch (B&V) to design a water system improvement project which includes the construction of a new Brown Industrial Booster Pump Station (BPS) at the site of the existing abandoned Brown Industrial Elevated water storage tank that was demolished in 2023. The design also included a waterline extension for intake and discharge from the Brown Industrial BPS to the 1292 pressure zone and decommissioning of the Coker Street booster pump system. The components of the proposed project were addressed in the Water System Master Plan from 2018. The purpose of the proposed upgrades is to provide improved flow to the 1292 Pressure Zone.

As part of this project, B&V has provided the following professional services: project administration and management, detailed design, bidding assistance, and construction observation services.

B&V is requesting approval of various supplementary services related to the design of the project that were not anticipated in the original scope of services.

Supplementary Scope of Services

In October 2022, Black & Veatch (BV) provided a Task Order proposal for the scope of services and cost proposal for providing surveying, design, permitting, and construction administrative services for the Brown Industrial Booster Pump Station project. The scope of services was distributed by task and a cost proposal was developed based on the best information available at the time of the proposal development.

While completing the tasks related to the detailed design, several changes were identified. The BV team has been managing these changes and trying to complete the overall task order within the original budget, however now that the design has been completed it is apparent that the impact of these changes in scope need to be considered to ensure adequate funds to complete the project.

BV has provided the additional supplemental services that were not included in the original scope of work:

1. Under Task 8, the SR20-I-575 Water Main Replacement Project was issued to address WM-9 by installing a 16-inch and 8-inch water main along Cumming Hwy SR-20 from Brown Industrial Parkway to east of I-575. Portions of the scope development and preliminary design were performed under the Brown Industrial BPS project.
2. The original cost estimate and proposal were prepared under the assumption that the 16-inch water main (or 20" replacement) along Cumming Hwy from Brown Industrial to east of I-575, was installed per Project No. WM-9, as identified in the 2018 City of Canton Master Plan. Field data confirmed WM-9 was not implemented. BV performed hydraulic calculations to model the existing and proposed discharge conditions, updating the Design Development Report, and construction documents.

Exhibit B Estimated Labor Hours and Associated Fee

The following estimate of labor and fee based on billing rates are responsive to the Supplemental Services presented above. The Scope of Services and Associated Fee table shown below are authorized upon execution of this task order. If additional effort is requested, B&V will notify the City and will not proceed without written authorization (email or letter) by the City Representative.



 Brown Industrial Booster Pump Station 													
City of Canton Project Task/Level of Effort Table													
Task Description	Senior Project Manager	Principal Engineer	Senior Engineer	Project Engineer	Staff Engineer	Senior Designer	Engineering Technician	Senior Accountant	Administrative Assistant	Total	Total Subs	Total Task	
										Hours	Cost	Cost	
#	Billing Rate	\$259	\$220	\$195	\$150	\$115	\$110	\$100	\$105	\$85			
7.0	Supplementary Services	39	39	26	90	7	4	8	4	0	217	\$0	\$39,716
	Project Total	39	39	26	90	7	4	8	4	0	217	\$0	\$39,716

Exhibit C Project Milestones

The updated Project Milestones are presented in the table below. All activities are complete except for construction that is anticipated to commence next month.

ID	Task Name	Duration (Calendar Days)	Start	Finish
1	Preliminary Design	72	Wednesday, January 11, 2023	Friday, March 24, 2023
2	Kick-off Meeting	0	Wednesday, January 11, 2023	Wednesday, January 11, 2023
3	Design Development Report	67	Monday, January 16, 2023	Friday, March 24, 2023
4	Surveying	28	Monday, March 20, 2023	Monday, April 17, 2023
5	Site Survey	28	Monday, March 20, 2023	Monday, April 17, 2023
6	Utility Survey	28	Monday, March 20, 2023	Monday, April 17, 2023
7	Detailed Design	217	Wednesday, April 19, 2023	Wednesday, November 22, 2023
8	Completion of 70% Design	83	Wednesday, April 19, 2023	Tuesday, July 11, 2023
9	70% QC Review	7	Thursday, June 22, 2023	Thursday, June 29, 2023
10	Incorporation of 70% QC Comments	11	Friday, June 30, 2023	Tuesday, July 11, 2023
11	Owner Review of 70% Design	62	Wednesday, July 12, 2023	Tuesday, September 12, 2023
12	Completion of 100%	46	Thursday, September 14, 2023	Monday, October 30, 2023
13	100% QC Review	7	Monday, October 30, 2023	Monday, November 6, 2023
14	Incorporation of 100% QC Comments	9	Monday, November 6, 2023	Wednesday, November 15, 2023
15	Owner Review of 100% Design	7	Wednesday, November 15, 2023	Wednesday, November 22, 2023
16	Permitting	37	Wednesday, November 22, 2023	Friday, December 29, 2023
17	Prepare Permit Applications	9	Wednesday, November 22, 2023	Friday, December 1, 2023
18	Land Disturbance Permitting	28	Friday, December 1, 2023	Friday, December 29, 2023
19	Utility Permitting (GUPS)	28	Friday, December 1, 2023	Friday, December 29, 2023
20	Construction	279	Thursday, March 7, 2024	Wednesday, December 11, 2024
21	Advertise for Construction	33	Thursday, March 7, 2024	Tuesday, April 9, 2024
22	Receive Bids	0	Tuesday, April 9, 2024	Tuesday, April 9, 2024
23	Award Project	37	Tuesday, April 9, 2024	Thursday, May 16, 2024
24	<i>Construction NTP (TBD)</i>	0	<i>Friday, June 21, 2024</i>	<i>Friday, June 21, 2024</i>
25	<i>Construction (TBD)</i>	365	<i>Friday, June 21, 2024</i>	<i>Saturday, June 21, 2025</i>