



## Legislation Details (With Text)

**File #:** 2019-400      **Version:** 1      **Name:**

**Type:** Resolution      **Status:** Passed

**File created:** 11/6/2019      **In control:** Board of Directors Workshop Meeting

**On agenda:** 12/11/2019      **Final action:** 12/11/2019

**Title:** Proposed Amendment No. 1  
GLWA-CS-187  
Raw Water Condition Assessment

**Sponsors:** Cheryl Porter, Grant Gartrell

**Indexes:** Water Operations

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
12/11/2019	1	Board of Directors Workshop Meeting	Approved	Pass
11/13/2019	1	Operations and Resources Committee	Recommended for Approval	Pass

### Proposed Amendment No. 1

### GLWA-CS-187

### Raw Water Condition Assessment

Agenda of: December 11, 2019  
Item No.: **2019-400**  
Amount: Original Contract      \$ 356,078.90  
Proposed Amendment No. 1      150,000.00  
Total Contract Amount      \$ 506,078.90

**TO:** The Honorable  
Board of Directors  
Great Lakes Water Authority

**FROM:** Sue F. McCormick  
Chief Executive Officer  
Great Lakes Water Authority

**DATE:** November 6, 2019

**RE:** **Proposed Amendment No. 1**  
**Contract No. GLWA-CS-187**  
**Raw Water Condition Assessment**

**Vendor: FK Engineering**

**MOTION**

Upon recommendation of Cheryl Porter, Chief Operating Officer - Water and Field Services, the Board of Directors (Board) of the Great Lakes Water Authority (GLWA), authorizes the Chief Executive Officer (CEO) to **enter into Contract No. GLWA-CS-187 Amendment No. 1 “Raw Water Condition Assessment” with FK Engineering, at an increased cost of \$150,000.00 for a total cost not to exceed of \$506,078.90, and an increased duration of two (2) years and four (4) months for a total contract duration of seven (7) years and one (1) month;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

**BACKGROUND**

In June 2015, the GLWA-CS-187 engineering consultant, FK Engineering (FKE), completed a condition assessment of the raw water conveyance tunnels between Water Works Park, the Northeast Water Treatment Plant, and the Springwells Water Treatment Plant. Structurally distressed segments of the Northeast and Springwells tunnels were discovered during the condition assessment that causes concern with their stability. As a result, GLWA has been using the geotechnical engineering services of FKE to monitor the subsurface conditions in the areas of tunnel distress since 2016. GLWA-CS-187 is set to expire on December 12, 2019. This proposed amendment would add two (2) years and four (4) months to the contract time so that GLWA may continue to monitor subsurface conditions in the areas of tunnel distress.

**JUSTIFICATION**

The geotechnical monitoring program being executed under Contract No. CS-187 provides technical data useful for GLWA’s rehabilitation design being performed under another contract (Contract No. DB-150 “Design-Build/Repair for Portion of The Pennsylvania, Springwells and Northeast Raw Water Tunnels”) as well as to monitor for possible movement of the distressed tunnel segments.

**PROJECT MANAGEMENT STATUS**

Original Contract Length	4 years and 9 months
Proposed Amendment No. 1	2 years and 4 months
New Contract Length	7 years and 1 month

**PROJECT ESTIMATE**

Original Contract Price	\$ 356,078.90
Proposed Amendment No. 1	150,000.00
New Contract Total	\$ 506,078.90

**FINANCIAL PLAN IMPACT**

**Summary:** Sufficient funds are provided in the financial plan for this project.

**Funding Source:** Water Construction Bond

**Cost Center:** Water Engineering

**Expense Type:** Construction (5519-882111.000-617950-170109)

**Estimated Cost by Year and Related Estimating Variance:** See table below.

**Fiscal Year**

Prior Plan Years	\$ 353,078.90
FY 2019 Budget	3,000.00
FY 2020 Budget	<u>0.00</u>
Financial Plan Estimate	\$ 356,078.90
Proposed Contract Award	<u>506,078.90</u>
Negative Estimating Variance	\$ ( 150,000.00)

Award of this proposed Amendment No. 1 to vendor creates a negative estimating variance of \$150,000.00. Variance to be funded by use of Capital Reserves.

**COMMITTEE REVIEW**

This item was presented to the Operations and Resources Committee at its meeting on November 13, 2019. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented.

**SHARED SERVICES IMPACT**

This item does not impact the shared services agreement between GLWA and DWSD.