



Legislation Text

File #: 2019-108, Version: 1

Proposed Amendment No. 1

CS-1671

Professional Engineering Services for Steam, Condensate Return and Compressed Air Piping Improvement at Springwells Treatment Plant

CIP#/BCE Score: 1248/62.4

Agenda of: March 27, 2019

Item No.: **2019-108**

Amount:	Original Contract	\$	926,363.22
	Amendment No. 1	\$	605,759.22
	Total Contract	\$	1,532,122.44

TO: The Honorable
Board of Directors
Great Lakes Water Authority

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

DATE: March 6, 2019

RE: Proposed Amendment No. 1

Contract No. CS-1671

Professional Engineering Services for Steam, Condensate Return and Compressed Air Piping Improvement at Springwells Treatment Plant

Vendor: METCO Services, Inc.

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. CS-1671 Amendment No. 1 "Professional Engineering Services for Steam, Condensate Return and Compressed Air Piping Improvement at Springwells Treatment Plant" with METCO Services, Inc., to add \$605,759.22 and 44 months to the Contract Price and Contract Time, respectively;** and authorizes the CEO to take such other action as may be necessary to accomplish the intent of this vote.

BACKGROUND

Contract No. CS-1671 is a professional engineering services contract that involves the design, construction administration and resident project representation services related to the construction of capital improvements at the Springwells Water Treatment Plant (WTP) under construction Contract No. GLWA-CON-252 "Springwells Water Treatment Plant Steam Condensate Return and Compressed Air Piping Improvements". The capital improvements include replacement of steam, condensate, compressed air and natural gas piping systems throughout the facility, deaerator and surge tanks, concealed unit heaters in the high-lift building, installing new heating, ventilating and air-conditioning (HVAC) systems in switch room and maintenance office, and installing new sump pumping systems in the conduit pit and condensate pump pit in the maintenance building basement. The professional engineering firm providing services under CS-1671 was awarded to METCO Services, Inc. on April 27, 2016, and the notice to proceed was issued on May 18, 2016. The contract is currently set to end on June 18, 2019. The associated construction contract, GLWA-CON-252, started on February 1, 2019 and ends August 1, 2022. Based solely on the alignment of the two contracts, CS-1671 needs to be extended by 44 months to cover the entire construction duration and include time for closeout activities. The new contract end date for CS-1671 will be February 18, 2023 through this proposed Amendment No. 1. The additional time will allow the engineering contract to extend beyond the anticipated completion of GLWA-CON-252 construction contract and afford enough time for closeout activities under CS-1671.

JUSTIFICATION

The construction duration was specified as 24 months in the request for proposals (RFP) and formed the basis for the CS-1671 contract. As the detailed design was developed, GLWA staff determined that a construction duration of 42 months was more realistic based on the construction work involved. In addition, the RFP and contract for CS-1671 did not include time for closeout activities after construction and is anticipated to take 6 months. Additional time and budget for engineering services under CS-1671 are needed to provide adequate construction administration and resident project representation services that are commensurate with the scope and complexity of construction.

PROJECT MANAGEMENT STATUS

Original Contract Duration	37 months (5/18/16 to 6/18/19)
Proposed Amendment No. 1	44 months (extend 6/18/19 to 2/18/23)
New Contract Duration	81 months

PROJECT ESTIMATE

Original Contract Amount	\$ 926,363.22
Proposed Amendment No. 1	\$ 605,759.22
New Contract Amount	\$ 1,532,122.44

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 (5519-882111.000-617950-114011)

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

Based on 2020-2024 CIP Preliminary Draft# 2:

Pre-FY2019 Budget	\$ 131,500.00
FY2019 Budget	141,000.00
FY2020 Budget	228,000.00
FY2021 Budget	198,000.00
FY2022 Budget	<u>228,000.00</u>
Financial Plan Estimate	\$ 926,500.00
New Contract Value Inclusive of Proposed Amendment	<u>1,532,122.44</u>
Negative Estimating Variance	\$ (605,622.44)

Variance to be funded by a budget amendment from Capital Reserves.

COMMITTEE REVIEW

This item was presented to the Operations and Resources Committee at its meeting on March 13, 2019. The Operations and Resources Committee unanimously recommended that the GLWA Board adopt the resolution as presented, subject to receiving a “post-mortem” report from staff.

SHARED SERVICES IMPACT

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