



Agenda Item Report

Legislative Board: City Council
Date: December 3, 2024
Contact: Angela Kennedy, Director
Agenda Item ID / Number: 2024-1002- / 1.7

ITEM TITLE: Deliberation and possible action to authorize the City Manager to negotiate and execute Supplemental Amendment 6 with AECOM Technical Services, Inc. in an amount not to exceed \$327,894.00 (Development Services Director Angela Kennedy and Purchasing Manager AJ Goodson) [PUBLIC TESTIMONY]

1. EXECUTIVE SUMMARY

The original agreement with AECOM Technical Services, Inc. for the Buda WWTP Phase III Expansion was executed in 2014 with an effective date of June 10, 2014. AECOM's attached proposed Supplemental Amendment No. 6 addresses additional services requested by the City required for completion of the Sunfield Effluent Force Main project. The total value of Supplemental Amendment 6 is \$327,894.00.

2. BACKGROUND/HISTORY

The original agreement with AECOM Technical Services, Inc. for the Buda WWTP Phase III Expansion was executed in 2014. The contracted project scope originally included a major amendment of the WWTP Texas Pollutant Discharge Elimination System (TPDES) permit, a plant re-rating study, design of a the plant expansion, and engineering services for a new offsite effluent force main. Successful acquisition of TCEQ's approval of the re-rating study and TCEQ's issuance of a final amended TPDES permit has confirmed the proposed WWTP expansion capacity as 3.5 MGD. Preceding this, a total of 5 supplemental amendments have been executed.

The City modified AECOM's contract in Supplemental Amendment No. 1, executed in May 2015 to include preparation of the Technical Report for a TPDES permit amendment application attachments related to an additional proposed outfall location east of IH-35, within the Plum Creek Watershed. Supplemental Amendment No. 1 additionally modified AECOM's services for engineering design for the proposed effluent pumping facilities and force main to deliver effluent to this second outfall location, and for design of an influent gravity sewer line from Main Street to the WWTP headworks.

The City further modified AECOM's contract in Supplemental Amendment No. 2, executed in April 2016, to include survey services for the City's acquisition of a land tract located immediately north of the existing WWTP site; additional surveying for the proposed influent gravity sewer; design of a proposed de-chlorination basin; design of new plant roads and piping improvements; construction phasing to define a 1.75 MGD milestone in the WWTP expansion project; design of miscellaneous repairs to the existing WWTP facilities; slope stability analysis for a proposed storm water pond; and updated Process and Control and Electrical Engineering services for WWTP scale-up to 3.5 MGD capacity, as well as additional surveying services, geotechnical investigations, wetlands delineation, environmental assessment, cultural resources investigations, and coordination to address data gaps for the proposed effluent force main.

The City further modified AECOM's contract in Supplemental Amendment No. 3, executed in September 2018, to include actual and anticipated final design services additional services for the

completion of the WWTP Phase III Expansion.

The City modified AECOM's contract in Supplemental Amendment No. 4, executed in March 2020, to include final design services for revised plans and technical specifications for that portion of the new Buda WWTP effluent force main alignment through Stagecoach Park to Main Street.

In December 2020, Supplemental Amendment No. 5 was executed for engineering services to provide support related to programmable logic control integration at the top-end of WWTP instrumentation and control (I&C) into the Human Machine Interface (HMI)/Supervisory Control and Data Acquisition (SCADA) system, and construction management related to increased construction project time, submittals, and Requests For Information (RFIs).

3. ANALYSIS

AECOM's attached proposed Supplemental Amendment No. 6 addresses additional services requested by the City required for completion of the Sunfield Effluent Force Main project. The scope and fee proposal is supplemental to the existing contract scope of services to address changes that have occurred since 2014 incorporating the final design of the effluent force main, and to provide construction phase inspection services requested by the City.

This Supplemental Amendment does not modify the base contract or prior supplemental amendments except as specifically stated within the proposal. Supplemental Amendment 6 was reviewed by City of Buda legal Counsel. Upon conclusion of their review they determined that there would be no issue with moving forward with executing the Supplemental Amendment.

The proposed Scope of Work and Fee Estimate for the additional requested services for bid and construction phase engineering services for the Buda WWTP Phase III Expansion Project, proposed Effluent Force Main construction are attached to this staff report.

The supplement covers the costs of construction phase services for the project to build the effluent discharge line from the WWTP, through Stagecoach Park, and along Main Street to discharge at an approved outfall in Sunfield. Sunfield has dedicated easements to the City. All approvals have been obtained to construct the line through Stagecoach Park. A portion of the line was installed with the Main Street reconstruction as part of the 2014 Bond. Staff is working with AECOM to evaluate alternatives to constructing the full effluent line. The City is exploring the possibility of discharging effluent water via the new agreement with Onion Creek Water Service Company. If this option is viable, it will drastically reduce how much effluent line the City would need to build.

4. FINANCIAL IMPACT

The total value of Supplemental Amendment 6 is \$327,894.00. The total updated contract value with Supplemental Amendment 6 included will increase to \$2,951,040. Funding for this supplemental is available in Wastewater Capital Account 625-4812.56210.

5. STRATEGIC PLAN/GOALS

EXCEPTIONAL CITY SERVICES WITH A LOW TAX RATE

6. STRATEGIC PLAN OBJECTIVES

Deliver City services in a cost-effective and efficient manner.

7. PROS AND CONS

Pro: Provide professional services required to complete the Sunfield Effluent Force Main Project designed by AECOM.

Con: None foreseen.

8. ALTERNATIVES

If the City Council desires that staff pursue alternate direction related to the proposed scope of professional services, staff could negotiate further with the consultant. Because time is of the essence for the WWTP Phase III expansion force main project, staff would request clear direction from the City Council at this time.

9. REQUESTED ACTION / SUGGESTED MOTION / RECOMMENDATION

Staff recommends that City Council accept the attached scope of work and fee proposal, and authorize the City Manager to execute Supplemental Amendment Number 6 to AECOM's professional services agreement for the City of Buda Wastewater Treatment Plant Phase III Expansion Project, proposed Sunfield Effluent Force Main construction and further, that the City Manager be expressly authorized to approve any and all change orders to these agreements within the limits set by state and local law

Attachments:

[Proposal Buda WWTP SA 6_REV1_112024.pdf](#)
[Effluent Force Main Route.jpg](#)