



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	July 11, 2018
Council Meeting Date:	August 9, 2018
Department:	Public Works
Client:	Dustin Rhodes, Bill Stauber and Chris Chen
Agenda Item	
Authorize negotiation and execution of an amendment to the professional services agreement with AECOM Technical Services Inc. , for additional construction phase and support services for the Davis Water Treatment Plant Treated Water Discharge System project in the amount of \$761,538, for a total contract amount not to exceed \$7,761,538. (District 10)	
Amount and Source of Funding	
Funding is available in the Fiscal Year 2017-2018 Capital Budget of Austin Water.	
Purchasing Language:	Original contract was awarded through a qualifications-based selection process.
Prior Council Action:	June 18, 2009 - Council approved a professional services agreement (20090618-007), with AECOM Technical Services, Inc. for engineering services for the Davis Water Treatment Plant Treated Water Discharge System. May 19, 2016 – Council approved an amendment to the professional services agreement (20160519-007), with AECOM Technical Services, Inc. for additional engineering services for the Davis Water Treatment Plant Treated Water Discharge System.
Boards and Commission Action:	July 11, 2018 - To be reviewed by the Water and Wastewater Commission.
MBE/WBE:	This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 5.08% MBE and 28.26% WBE.

Originally constructed in 1953, the Davis Water Treatment Plant is the workhorse of the Austin potable water system. Several key functions at the plant are still performed by original assets that have far exceeded their expected useful life. Among these assets are the plant's Treated Water Discharge System, which deliver potable water to the distribution system. This project was scoped and designed to improve these integral plant process assets with minimal disruption to facility operations, thus significantly extending the useful life of the treatment plant.

Construction of the Davis Water Treatment Plant Treated Water Discharge System project is scheduled to be completed in August 2020. The contract provides for demolition of the old medium service pump station and construction of a new medium service pump station, while maintaining potable water service to customers with minimal impact to the surrounding neighborhood.

Specific professional engineering services provided during the construction phase include oversight of construction, review of submittals, responses to contractor questions during construction, permit support, review of and support for modifications, and preparation of as-built drawings during construction.

Due to the complexities of this project, additional construction phase services are needed. This amendment will provide funding for the following professional services:

- Additional construction phase services due to extended construction duration by six months.
- Additional Resident Project Representation services to support project inspection and oversight of construction due to the extension of the construction time and a need to increase these services from half-time to near full-time.
- Additional change order design services to modify storm water discharge to accommodate proposed operational changes.
- Additional change order design services for the rehabilitation / replacement of the High Service Pump Station valves associated with ongoing pump replacements.
- Additional change order design services for a ground water control system.
- Additional change order design services for a Contract allowance item for improvements of protective relaying and machine monitoring equipment at the High Service Pump Station.

This project is located in zip code 78731 (District 10) and is managed by the Public Works Department.

AECOM Technical Services Inc., is located in Austin, Texas.

AUTHORIZATION HISTORY

<u>AMOUNT</u>	<u>DATE-DESCRIPTION</u>
\$5,000,000.00	06/18/09 (Council) - Professional Services Agreement
\$2,000,000.00	05/19/16 (Council) – Amendment to the Professional Services Agreement
\$761,538.00	Proposed (Council) – Additional Construction Phase and Support Services
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\$7,761,538.00	Total Contract Authorization

CONTRACT HISTORY

<u>AMOUNT</u>	<u>DATE-DESCRIPTION</u>
\$750,000.00	12/08/09 – Original Professional Services Agreement for Preliminary Engineering Report
\$625,367.00	07/01/10 – SA # 1 – First Priority Improvements
\$2,017,983.00	05/13/11 – SA # 2 – Design, Treated Water System Discharge
\$126,859.15	04/20/12 – SA # 3 – Additional Services to First Priority Improvements
\$97,123.50	12/12/13 – SA # 4 – Bid Services and Additional Services Treated Water Discharge System
\$3,074,686.91	06/28/16 – SA# 5 - Construction Phase Services and Support Services
\$761,538.00	Proposed – SA #6 – Additional Construction Phase and Support Services
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\$7,453,557.56	Total Contract Expenditures

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were 1.70% African American; 9.50% Hispanic; 5.30% Native/Asian; and 14.2% WBE. Participation for this amendment:

NON M/WBE TOTAL – PRIME	\$566,906.98	74.45%
AECOM Technical Services Inc., Austin, TX	\$566,906.98	74.45%
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MBE TOTAL – SUBCONSULTANTS	\$13,484.00	1.77%
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Hispanic Subtotal	\$13,484.00	1.77%
(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)	\$13,484.00	1.77%
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WBE TOTAL – SUBCONTRACTORS	\$181,147.02	23.78%
(FW) Harutunian Engineering, Inc., Austin, Texas (electrical engineering, Instrumentation engineering, control systems engineering)	\$181,147.02	23.78%

Overall participation based on expenditure for the entire project as of April 19, 2018 (not including this amendment):

PRIME:

57.03% Non M/WBE

SUBCONSULTANTS:

0.49% African American; 13.34% Hispanic; 6.68% Native/Asian; 22.46% WBE; and 0.00% Non M/WBE

TOTAL:

0.49% African American; 13.34% Hispanic; 6.68% Native/Asian; 22.46% WBE; and 57.03% Non M/WBE