



## Recommendation for Water & Wastewater Commission

<b>Commission Meeting Date:</b>	May 11, 2016
<b>Council Meeting Date:</b>	May 19, 2016
<b>Department:</b>	Public Works
<b>SUBJECT</b>	
Authorize negotiation and execution of an amendment to the professional services agreement with <b>AECOM TECHNICAL SERVICES INC.</b> , for additional engineering services for the Davis Water Treatment Plant Treated Water Discharge System project in the amount of \$2,000,000, for a \$3,100,000 amendment to the contract, for a total contract amount not to exceed \$7,000,000.	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2015-2016 Capital Budget of the Austin Water.	
<b>Purchasing Language:</b>	Original contract was awarded to AECOM Technical Services Inc. on June 18, 2009.
<b>Prior Council Action:</b>	June 18, 2009- Council approved a design contract for professional engineering services with AECOM Technical Services Inc.
<b>For More Information:</b>	Richard Duane, 512-974-7730; Chris Wolter, 512-972-0224; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Denise Avery, 512-972-0104; Lucy Bonee, 512-974-7697
<b>Boards and Commission Action:</b>	May 11, 2016- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	This contract was awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 16.50% MBE and 14.20% WBE.

Originally constructed in 1953, the Davis Water Treatment Plant is the workhorse of the Austin potable water system, producing potable water for the central, east and north parts of the city. Key functions at the plant are performed by original assets that are far beyond their expected useful life. These key assets include the power distribution system and the medium service pump station, which delivers finished water to the distribution system. This project has been scoped and designed to improve these integral plant processes with minimal disruption to facility operations, thus significantly extending the useful life of the facility.

As part of the preliminary engineering for the Treated Water Discharge System a list of priority upgrades called the First Priority Improvements were designed by AECOM Technical Services and constructed at Davis Water Treatment Plant. These projects were completed in 2014 at a cost of approximately \$2,800,000. These improvements were required to help mitigate several immediate issues within the existing facilities and help ensure that the plant could isolate the facilities for emergencies or repairs until the next phase of improvements.

The Treated Water Discharged System project will demolish the old medium service pump station and construct a new medium service pump station, while maintaining potable water service to users and with minimal impact to the surrounding neighborhood.

The proposed amendment will provide professional engineering services to support the City with the construction of the recently approved Medium Service Pump Station Construction at the Davis Water Treatment Plant. The construction phase services provide for oversight of construction, review of submittals, responses to contractor questions during construction, permit support, review of modifications, and preparation of as built drawings.

Construction of the Davis Water Treatment Plant Treated Water Discharge project is scheduled to be completed in February 2020.

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

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

This amendment has been approved by the City's Change Control Committee. The Change Control Committee was established to comply with Council Resolution No. 20120126-048, which required the establishment of consistent criteria and process to evaluate contractual changes for all contracts administered by the Capital Contracting Office. The Change Control Committee is comprised of management-level subject matter experts.

#### **AUTHORIZATION HISTORY – PSA Amendment**

<u>AMOUNT</u>	<u>DATE -- DESCRIPTION</u>
\$5,000,000.00	06/18/09 (Council) – Provide engineering services for Davis Water Treatment Plant Treated Water Discharge System
\$2,000,000.00	05/19/2016 (Proposed) – Construction Phase Services & Support Services
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\$7,000,000.00	Total Contract Authorization

## CONTRACT HISTORY

AMOUNT	DATE – DESCRIPTION
\$741,501.00	12/08/09 -- Original Professional Services Agreement for Preliminary Engineering Report
\$625,367.00	09/09/10 -- SA # 1 – First Priority Improvements
\$2,017,983.00	05/12/11 -- SA # 2 – Design, Treated Water System Discharge
\$126,859.15	04/19/12 -- SA # 3 – Additional Services to First Priority Improvements
\$ 97,123.50	12/11/13 -- SA # 4 – Bid Services and Additional Services Treated Water Discharge System
\$3,100,000.00	05/19/16 (Proposed) - SA # 5 Construction Phase Services & Support Services
\$6,708,833.65	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	\$1,936,610	62.47%
AECOM Technical Services Inc., Austin, TX	\$1,936,610	62.47%
MBE TOTAL – SUBCONSULTANTS	\$152,068	4.90%
Hispanic Subtotal	\$114,395	3.69%
(MH) Casa Bella Architects, Austin, TX (architect services)	\$47,950	1.55%
(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)	\$54,541	1.76%
(MH) Macias & Associates, L.P., Austin, TX (surveying)	\$11,904	0.38%
Asian American Subtotal	\$37,673	1.21%
(MA) CAS Consulting Services, Inc., Austin, TX (civil engineering)	\$11,931	0.38%
(MA) Encotech Engineering Consultants, Inc., Austin, TX (A/C)	\$25,742	0.83%
WBE TOTAL – SUBCONSULTANTS	\$1,011,322	32.63%
(FW) Harutunian Engineering, Inc., Austin, TX (electrical, start-up)	\$1,011,322	32.63%

**Overall participation based on contract expenditures to date (not including this amendment):**

### **PRIME:**

64.53% Non M/WBE

### **SUBCONSULTANTS:**

0.04% African American; 5.32% Hispanic; 3.47% Native/Asian; 26.64% WBE; and 0% Non M/WBE.

**TOTAL:**

0.04% African American; 5.32% Hispanic; 3.47% Native/Asian; 26.64% WBE; 64.53% Non M/WBE