



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	April 10, 2020	COA Strategic Direction:	Health and Environment
Council Meeting Date:	April 23, 2020		
Department:	Capital Contracting Office		
Client:	Charles Celauro, Bill Stauber		
Agenda Item			
Recommend approval to negotiate and execute an amendment to the professional services agreement with Harutunian Engineering, Inc. (WBE), for additional construction phase services for the South Austin Regional Wastewater Treatment Plant – Electrical Substation No. 1 Replacement in the amount of \$3,678,541.47.			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.			
Purchasing Language:	Original contract was awarded through a qualifications-based selection process.		
Prior Council Action:	June 20, 2013 – Council approved a professional services agreement with Harutunian Engineering for engineering services for the South Austin Regional Wastewater Treatment Plant – Electrical Substation No. 1 replacement.		
Boards and Commission Action:	April 10, 2020 – 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 16.92% MBE and 68.47% WBE.		

The South Austin Regional Wastewater Treatment Plant is currently permitted to treat 75 million gallons a day (MGD) of wastewater. The first treatment train, Train A, was constructed between 1984 and 1986. Subsequent to that, treatment Train B and the tertiary filtration process were constructed between 1986 and 1988. Electrical Substation No. 1 was built and commissioned with the start-up of treatment Train A in April of 1986, hence the substation is 26 years old. Electrical Substation No. 1 energizes treatment Trains A and B, the influent lift station No. 1, tertiary filtration, dechlorination facilities, and miscellaneous buildings. Currently, the substation and associated switch gear is antiquated, unreliable, and a safety hazard. The treatment plant was expanded to 75 MGD capacity with the construction completion of treatment Train C in 2005. As part of the plant expansion, the construction of Train C also included a new electrical substation, Electrical Substation No. 2. This substation distributes power to Train C facilities and other miscellaneous structures and buildings.

This authorization is needed to address increased costs, services, and current equipment requirements for completed design. The additional authorization will provide construction phase, post construction phase, and associated engineering services for the replacement of Electrical Substation No. 1 at the South Austin Regional Wastewater Treatment Plant.

There will be no impact to the public because all work is on City property that is not open to the public. The majority of the project cost is on electrical and electronic equipment and delaying construction will prolong safety concerns with the existing site. If this project is not approved the delay will increase costs.

Harutunian Engineering, Inc. (WBE/FW) is located in Austin, TX.

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were 2.50% African American; 13.00% Hispanic; 5.00% Native/Asian; and 64.50% WBE. Participation for this amendment:

M/WBE TOTAL – PRIME		\$2,802,291.52	77.71%
(FW) Harutunian Engineering, Inc., Austin, TX		\$2,802,291.52	77.71%
MBE TOTAL – SUBCONSULTANTS		\$369,509.69	10.01%
African American Subtotal		\$98,293.13	2.69%
(FB) All Points Inspection Services, Inc., Austin, TX	(Utility Locator Service - Underground)	\$95,000.00	2.60%
(MB) HVJ Associates, Inc., Austin, TX	(Geotechnical – Soils; Laboratory and Field-Testing Services; Boring, Drilling, Testing, and Surroundings)	\$3,293.13	0.09%
Hispanic Subtotal		\$125,494.52	3.43%
(MH) Jose I Guerra, Inc., Austin, TX	(Structural Engineering)	\$125,494.52	3.43%
Native/Asian Subtotal		\$145,722.04	3.98%
(MA) CAS Consulting & Services, Inc., Austin, TX	(Site Assessment, Environmental; Drainage Engineering)	\$145,722.04	3.98%
WBE TOTAL – SUBCONSULTANTS		\$35,330.46	0.97%
(FW) MWM Design Group, Inc., Austin, TX	(Architect Services, Professional; Landscape Architecture)	\$35,330.46	0.97%
NON M/WBE TOTAL – SUBCONSULTANT		\$410,635.80	11.22%
Aecom Technical Services, Austin, TX	(Civil Engineering; Mechanical Engineering; Waste Water Treatment Engineering)	\$410,635.80	11.22%

Overall participation based on expenditure for the entire project as of February 25th, 2020, (not including this amendment):

PRIME:

3.47% WBE

SUBCONSULTANTS:

3.22% African American; 6.79% Hispanic; 3.22% Native/Asian; 65% WBE; and 18.30% Non M/WBE

TOTAL:

3.22% African American; 6.79% Hispanic; 3.22% Native/Asian; 68.47% WBE; and 18.30% Non M/WBE

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$3,020,000.00	06/20/2013	(Council) – Professional Engineering Services
\$3,658,541.47	04/23/2020	(Council) – Proposed – Amendment for additional services
\$6,678,541.47	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION
\$516,812.92	01/29/2014	Original Professional Services Agreement for Professional Engineering Services
\$2,476,387.03	09/16/2016	SA # 1 – Additional Services
\$0.00	02/17/2017	SA # 2 – Add The Rios Group, Inc. as a subconsultant
\$3,658,541.47	Proposed	SA # 3 – Additional Services to begin the construction phase
\$6,651,741.42	<i>Total Contract Amount</i>	