



**Recommendation for
Water & Wastewater Commission**

Commission Meeting Date:	August 14, 2019
Council Meeting Date:	September 19, 2019
Department:	Capital Contracting Office & Public Works
Client:	Kevin Koeller, Bill Stauber, Beverly Mendez, Erik Kunkel
SUBJECT	
<p>Authorize negotiation and execution of an amendment to the professional services agreement with CH2M Hill Engineers, Inc./CH2M Hill Engineers for professional engineering services for the Walnut Creek WWTP Secondary Process Improvements Project in the amount of \$2,071,616.30, for a total contract amount not to exceed \$3,730,702.50.</p>	
AMOUNT AND SOURCE OF FUNDING	
Funding is available in the Fiscal Year 2018-2019 Capital Budget of the Austin Water.	
Purchasing Language:	Original contract was awarded through a qualifications-based selection process.
Prior Council Action:	<p>May 18, 2017 – Council authorized negotiation and execution of amendment for additional services in the amount of \$104,086.20.</p> <p>September 27, 2012 – Council approved a professional services agreement with CH2M Hill, Inc. for the Walnut Creek WWTP Secondary Treatment Process Improvements Project.</p>
Boards and Commission Action:	<ul style="list-style-type: none"> • August 14, 2019 – To be reviewed by the Water and Wastewater Commission. • May 10, 2017 – Recommended by the Water and Wastewater Commission on a vote of 9-0 with Commissioners Kellough and Michel absent. • September 12, 2012 – Recommended by the Water and Wastewater Commission on a vote of 6-0-1 with Commissioner Fishbeck recusing.
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 14.57% MBE and 21.79% WBE.

The Walnut Creek Wastewater Treatment Plant is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) with a peak flow of 165 MGD. The plant currently averages approximately 60 MGD. The plant effluent is used for non-potable water on the plant site and supplies much of the City's growing Water Reclamation Initiative (WRI) program. The remainder is discharged into the Colorado River.

The Walnut Creek WWTP has faced increased difficulty in maintaining a stable, reliable process in all secondary treatment trains due to aging equipment.

This request allows for the addition of Construction Phase Services into the contract. The work consists of process improvements including aeration basin and flocculation basin diffused air system improvements, junction box improvements, buried air piping leak repair, storm drains, as well as improvements identified by condition assessments including numerous valve and gate replacements, scum and sludge pumps, clarifier mechanisms, electrical and control components, basin crack and joint repairs, and other miscellaneous items. This work will occur entirely within a non-public area of the plant, therefore construction activities will not affect the traveling public.

This amendment is pending review 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.

CH2M Hill Engineers, Inc., is located in Austin, Texas.

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$1,500,000.00	09/27/12	(Council) – Professional Engineering Services
\$55,000.00	09/27/12	(Administrative Authority) – Administrative Authority, FY2011-2012
\$104,086.20	05/18/2017	(Council) – Amendment for Additional Design Services and Solicitation Phase Services-Subject to final negotiation
\$2,071,616.30	08/22/2019	Proposed (Council) – Amendment for Phase D, Construction Phase Services
\$3,730,702.50	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION
\$599,847.00	05/07/13	Original Professional Services Agreement for Preliminary Design Services
\$896,865.00	05/11/15	SA #1 – (Additional Authority) Additional Preliminary Engineering Services
\$25,080.00	3/30/17	SA #2 – (Administrative Authority) – Final Design Services and Bid Phase
\$20,612.00	04/11/17	SA #3 – (Administrative Authority) - Final Design Services and Bid Phase
\$116,682.20	05/18/2017	SA #4 – (Additional Authority) - Final Design and Solicitation Phase
\$2,071,616.30	Proposed	SA #5 – (Additional Authority) – Construction Phase Services
\$3,730,702.50	<i>Total Contract Expenditures</i>	

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were 1.9% African American; 9.0% Hispanic; 4.9% Native/Asian; and 15.80% WBE. Participation for this amendment:

TOTAL – PRIME		0.01%
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CH2M Hill Engineers, Inc., Austin, Texas, Professional Engineering		
MBE TOTAL – SUBCONSULTANTS	\$73,213.56	3.53%
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Hispanic Subtotal	\$56,240.30	2.71%
MH – Garza EMC, LLC dba GarzaEMC, Austin, Texas – Land Development and Planning/Engineering	\$56,240.30	2.71%
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Native/Asian Subtotal	\$16,973.26	0.82%
MA – Encotech Engineering Consultants, Inc. – Austin, TX – Structural Engineering	\$16,973.26	0.82%
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WBE TOTAL – SUBCONTRACTORS	\$800,669.64	38.65%
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FW – Harutunian Engineering, Inc., Austin, TX – Electrical Engineering, Instrumentation Engineering.	\$782,285.54	37.76%
FW – K Friese & Associates Inc., Austin, TX – Engineering	\$18,384.10	0.89%
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NON M/WBE TOTAL – SUBCONTRACTORS	\$1,197,733.10	57.81%
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Jacobs Engineering Group, Inc., Austin, Texas	\$1,156,472.42	55.82%
Dunaway Associates, LP. / Dunaway UDG, Austin, Texas	\$41,260.68	1.99%

Overall participation based on expenditure for the entire project as of July 5, 2019, (not including this amendment):

PRIME:

63.64% Non M/WBE

SUBCONSULTANTS:

2.13% African American; 1.13% Hispanic; 11.31% Native/Asian; 21.79% WBE; and 0.0% Non M/WBE

TOTAL:

2.13% African American; 1.13% Hispanic; 11.31% Native/Asian; 21.79% WBE; and 63.64% Non M/WBE