



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	February 16, 2022	COA Strategic Direction:	Health and Environment
Council Meeting Date:	March 3, 2022		
Department:	Financial Services		
Client:	Shay Ralls Roalson		
Agenda Item			
Recommend approval to negotiate and execute an amendment to the professional services agreement with Black & Veatch Corp. for professional engineering services for the Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab project in an amount not to exceed \$4,100,000, for a total contract amount not to exceed \$5,100,000. (District 1)			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2021-2022 Capital Budget of Austin Water.			
Purchasing Language:	Original contract was awarded through a qualifications-based selection process.		
Prior Council Action:	December 9, 2021 – Council approved the use of the Construction Manager-at-Risk method of contracting. March 26, 2020 – Council approved negotiation and execution of a professional services agreement with Black & Veatch Corp. for the Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab project.		
Boards and Commission Action:	February 16, 2022 – To be reviewed by the Water and Wastewater Commission.		
MBE/WBE:	This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 11.04% MBE and 2.54% WBE.		

Walnut Creek Wastewater Treatment Plant (WWTP) is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) and a 2-hour peak flow of 165 MGD. Treated plant effluent is discharged into the Colorado River. A portion is used for non-potable water (NPW) on the plant site and supplies much of the City's growing Water Reclamation Initiative (WRI) program. Primary Treatment Complex (PTC) No. 1 is original to the 1977 construction, and PTC No. 2 was added in the late 1980s.

The purpose of this project is to rehabilitate and make improvements to the PTCs. Each PTC consists of two trains of primary clarifiers and in-line flow equalization basins (FEBs). Raw wastewater flows through the primary clarifiers, then continues to the in-line FEBs. Settled wastewater is pumped to secondary treatment, and solids from the primary clarifiers are pumped to Hornsby Bend Biosolids Management Plant. Most of the mechanical and other components in PTC No. 1 and No. 2 are beyond their useful life.

An amendment to the professional services agreement is required to move the project forward into final design phase. This project will be delivered using the Construction Manager-at-Risk (CMR) method. The professional services amendment includes additional services to support the CMR delivery method, including coordination with the Construction Manager-at-Risk (CMR) who will provide input regarding design, construction approach, scheduling and cost control for the project. The City intends to return to Council to request additional authorization for construction phase and warranty phase services, working with the selected CMR to perform these additional services.

Public impacts are not anticipated. This project is within the Walnut Creek WWTP site that is closed to the public.

This amendment is time sensitive and is critical to improving the stability of Austin's wastewater treatment system. Delay or deferral of this amendment will place an undue burden on City operations crews, have a negative effect on infrastructure stability, and increase the risk to the operations of the wastewater treatment system. (District 1)

Black & Veatch Corp. is located in Austin, Texas.

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were **1.79%** African American; **3.00%** Hispanic; **3.91%** Native/Asian; and **3.04%** WBE. Participation for this amendment:

NON M/WBE TOTAL – PRIME		\$2,407,317.34	59.81%
Black & Veatch, Austin, TX		\$2,407,317.34	59.81%
MBE TOTAL – SUBCONSULTANTS		\$991,078.53	24.62%
African American Subtotal		\$16,625.30	0.41%
(MB) TSIT Engineering & Consulting, LLC, Leander, TX	(Geological Engineering)	\$16,625.30	0.41%
Hispanic Subtotal		\$774,132.85	19.23%
(MH) Jose I. Guerra, Inc., Austin, TX	(Structural Engineering)	\$239,095.32	5.94%
(MH) The Rios Group, Inc., Fort Worth, TX	(Utility Locator Services - Underground)	\$35,709.98	0.89%
(MH) Azcarate & Associates Consulting Engineers, LLC, Dallas, TX	(Structural Engineering)	\$499,327.55	12.41%
Native/Asian Subtotal		\$200,320.38	4.98%
(MA) WestEast Design Group LLC, San Antonio, TX	(Architect Services, Professional)	\$200,320.38	4.98%
WBE TOTAL – SUBCONSULTANTS		\$66,946.85	1.66%
(FW) MWM DesignGroup, Inc., / MWM Designgroup, Austin, TX	(Surveying Services Not Aerial or Research)	\$29,047.40	0.72%
(FW) Baer Engineering and Consulting Services, Austin, TX	(Permitting, Hazardous Materials and Waste Services)	\$37,899.45	0.94%
NON M/WBE TOTAL – SUBCONSULTANT		\$559,610.28	13.90%
HDR Engineering, Inc., Austin, TX	(Mechanical Engineering: Civil Engineering)	\$559,610.28	13.90%

Overall participation based on expenditure for the entire project as of January 11, 2022 (not including this amendment):

PRIME:

69.24% Non M/WBE

SUBCONSULTANTS:

0.00% African American; 8.78% Hispanic; 2.26% Native/Asian; 2.54% WBE; and 17.18% Non M/WBE

TOTAL:

0.00% African American; 8.78% Hispanic; 2.26% Native/Asian; 2.54% WBE; and 86.42% Non M/WBE

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$1,000,000.00	03/26/20	(Council) – Professional Services Agreement
\$61,000.00	03/26/20	(Administrative Authority)
\$4,024,948.00	03/03/22	Proposed (Council) – Final Design phase utilizing Construction Manager-at-Risk
\$5,085,948.00	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION
\$998,914.27	07/20/20	Professional Services Agreement, Preliminary engineering phase services
\$4,024,948.00	Proposed	SA # 1 – Additional Services, Final Design utilizing Construction Manager-at-Risk
\$5,023,862.27	<i>Total Contract History</i>	

Walnut Creek Wastewater Treatment Plant – Site Location

7113 FM 969, Austin, Texas 78724

