



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	July 15, 2020	COA Strategic Direction:	Health and Environment
Council Meeting Date:	July 30, 2020		
Department:	Capital Contracting Office		
Client:	Bill Stauber, Shay Roalson, Erik Kunkel		
Agenda Item			
Recommend approval to negotiate and execute a professional services agreement with AECOM Technical Services, Inc. (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP300 to provide engineering services for the Walnut Creek Wastewater Treatment Plant Expansion to 100 Million Gallons Per Day project in an amount not to exceed \$15,000,000. (District 1)			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.			
Purchasing Language:	Staff recommendation is the most qualified firm out of three firms evaluated through the City’s qualification-based selection process.		
Prior Council Action:	N/A		
Boards and Commission Action:	July 15, 2020 – 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) by meeting the goals with 15.80% MBE and 15.80% WBE participation.		

Walnut Creek Wastewater Treatment Plant Expansion 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. The treated plant effluent discharges into Segment No. 1428 of the Colorado River Basin. A portion of the plant's effluent is used for non-potable water on the plant site and supplies much of the City's growing Reclaimed Water Program. The Texas Commission on Environmental Quality (TCEQ) regulates the quality of effluent discharged into the Colorado River and the quality of reclaimed water.

This project will expand the plant to treat and discharge an annual average daily flow of 100 MGD and a 2-hour peak flow of 300 MGD. The expansion is needed based on projected future flows of wastewater into the plant. Wastewater treatment plant expansions are regulated by TCEQ. Rule 305.126 of the Texas Administrative Code states:

"Whenever flow measurements for any sewage treatment plant facility in the state reaches 75% of the permitted average daily or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the wastewater treatment and/or collection facilities. Whenever the average daily or annual average flow reaches 90% of the permitted average daily flow for three consecutive months, the permittee shall obtain necessary authorization from the commission to commence construction of the necessary additional treatment and/or collection facilities..."

The Walnut Creek Wastewater Treatment Plant meets the 75% threshold. Preliminary engineering beginning in Fiscal Year 2020-2021 will allow project completion to occur while flows are still within the capacity of the existing treatment plant.

The Walnut Creek Wastewater Treatment Plant provides high-quality wastewater treatment from across the City of Austin and has been a critical element of the overall community's basic utility infrastructure. Austin Water recognizes that Walnut Creek Wastewater Treatment Plant operates within the East Austin community and is dedicated to continuing to be a good neighbor and address potential community impacts as we work to improve this facility to meet stringent environmental standards and to serve the growing needs of our City.

During the design of the project, Austin Water will actively engage neighbors and interested residents to make them aware of the project and to seek their input on possible concerns and community enhancements that could result from the project. In addition, Austin Water will provide timely updates throughout the design process to enable the community to be engaged in the process.

Austin Water has identified community groups adjacent to the facility and will work to engage interest groups and decision-makers who will have a stake in the project. We will use a variety of community outreach strategies, including outreach to community groups, social media, online resources, and neighborhood meetings.

Although this construction project will take place within the existing boundary of the Walnut Creek Wastewater Treatment Plant, anticipated public impacts may include:

- Increase of construction traffic on FM 969 (starting in or after 2024).
- Possible traffic detours on FM 969 near Johnny Morris Rd to improve access to the site (starting in or after 2024).

Anticipated benefits of the project include:

- Improved quality of treated effluent to the Colorado River, upon completion of the project (starting around 2028).
- Increased available wastewater treatment capacity for Austin residents (starting around 2028) meeting growth needs in our community for the foreseeable future.
- Increased availability of reclaimed water (starting around 2028) to serve existing and future reclaimed water customers, including customers located in District 1.
- Implementation of additional measures to address aesthetics, such as odor and noise control.

It is important for this project to move forward because of projected future capacity requirements and the TCEQ rule stated above. If the project is not approved and is delayed, the plant may not be able to reliably accept and treat the increased wastewater flows. Austin Water intends to return to City Council to request additional authorization for final design, bidding phase, construction phase, and warranty phase services, utilizing the selected firm to perform these additional services. The amount of authorization requested for the additional services will be determined after the preliminary engineering phase final recommendations are reviewed and approved by the City.

Walnut Creek Wastewater Treatment Plant is located within zip code 78724, City of Austin's District 1, but provides services to all City of Austin Council Districts north of the Colorado River, including District 1.

The project will be managed by Public Works.

This authorization provides for funding of the above-listed services. This request allows for the development of an agreement with the qualified responder that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responder, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified responder and authorize contract negotiations with that provider.

M/WBE Summary

Participation subgoals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Native Asian; 15.80% WBE. The recommended firm provided an MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. The Second-ranked firm provided an MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

Public notice was given for this Request for Qualifications CLMP300 Walnut Creek Wastewater Treatment Plant Expansion to 100 Million Gallons Per Day, through the City's Vendor Connection web portal. Three firms submitted qualifications statements, and responses were opened on April 22, 2020. Of the three submittals received no submittals were from MBE/WBE certified firms.

TOP RANKED FIRM: AECOM Technical Services, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME	43.40%
AECOM Technical Services, Inc., Austin, TX	43.40%
MBE TOTAL – SUBCONSULTANTS	15.80%
African American Subtotal	1.90%
(MB) HVJ Associates, Inc., Austin, TX (Cost Estimating)	1.3%
(MB) TSIT Engineering and (Geotechnical Soils) Consulting, LLC, Leander, TX	0.6%
Hispanic Subtotal	9.00%
(MH) Jaime Beaman, AIA, Inc., dba (Architect Services, Professional) CasaBella Architects, Austin, TX	1.3%
(MH) Crespo Consulting (Drainage Engineering) Service, Inc., Austin, TX	0.9%
(MH) Jose I. Guerra, Inc., Austin, TX (Structural Engineering)	6.2%
(MH) Maldonado-Burkett, LLP (Surveying Services, Not Aerial or Research) Austin, TX	0.6%
Native/Asian Subtotal	4.90%
(MA) CAS Consulting and (Civil Engineering, Permitting Services, Environmental) Services, Inc., Austin, TX	4.90%
WBE TOTAL – SUBCONSULTANTS	15.80%
(FW) Baer Engineering and (Permitting Services, Environmental) Environmental Consulting, Inc. Austin, TX	0.4%
(FW) Harutunian Engineering, Inc. (Electrical Engineering, Instrumentation, Engineering) Austin, TX	15.4%
NON M/WBE TOTAL – SUBCONSULTANTS	25.00%
Carollo Engineers, Inc., Austin, TX (Mechanical Engineering, Environmental Engineering)	25.00%

SECOND RANKED FIRM: Jacobs Engineering Group, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME		43.40%
Jacobs Engineering Group, Inc., Austin, TX		43.40%
MBE TOTAL – SUBCONSULTANTS		56.60%
African American Subtotal		1.90%
(MB) TSIT Engineering and Consulting, LLC, Leander, TX	(Geotechnical Soils)	0.20%
(MB) HVJ Associates, Inc., Austin, TX	(Traffic and Transportation Engineering)	1.7%
Hispanic Subtotal		9.00%
(MH) Azcarate and Associates Consulting Engineers, LLC, dba, AACE, LLC, Dallas, TX	(Mechanical Engineering, HVAC, Engineering Services, Professional)	2.10%
(MH) Garza EMC L.L.C, Austin, TX	(Land Development Planning, Permitting Services, Environmental)	0.40%
(MH) Jose I. Guerra, Inc., Austin, TX	(Structural Engineering)	4.50%
(MH) Jaime Beaman, AIA, Inc., dba, CasaBella Architects, Austin, TX	(Architect Services, Professional)	1.90%
(MH) The Rios Group, Inc. Fort Worth, TX	(Engineering Services, Professional, Utility Locator Service, Underground)	0.10%
Native/Asian Subtotal		4.90%
(MA) CAS Consulting and Services, Inc., Austin, TX	(Civil Engineering, General Construction Management, Scheduling)	4.90%
WBE TOTAL – SUBCONSULTANTS		15.80%
(FW) JRSA Engineering, Inc., Austin, TX	(Electrical Engineering)	10.00%
(FW) CDS Graphics, LLC Wimberley, TX	(Computer Aided Design Services, Drafting Services, Architectural and Engineering)	1.00%
(FW) McGray and McGray Land Surveyors, Inc., Austin, TX	(Surveying Services, GPS)	1.00%
(FW) MWM Designgroup, Inc., Austin, TX	(Landscape Architecture, Land Development Planning, Engineering)	3.30%
(FW) Cox McLain Environmental Consulting, Inc., Austin, TX	(Environmental Impact Studies, Site Assessment, Environmental)	0.50%
NON M/WBE TOTAL - SUBCONSULTANTS		25.00%
CDM Smith Inc., Austin, TX	(Wastewater Treatment, Hydrological, Mechanical, Instrumentation)	25.00%

Capital Contracting Office
Evaluation of Consultant Qualifications

**COMPOSITE
EVALUATION MATRIX**

Received: 22-Apr-20

Project: CLMP300 Walnut Creek WWTP Expansion to 100 Million Gallons Per Day

Project Manager: Rebecca Vento

	Firm (or Joint Venture)	Item 1	Item 2	Item 3a	Item 3b	Item 4			Item 5	Item 6	Item 7	Item 8	TOTAL POINTS	RANK	
		[Yes or No]	[Yes or No]	[15]	[15]	[20]			[15]	[15]	[10]	[10]			
		MBE/WBE Procurement Program	Turned in all Required Documents	Team's Structure	Team's Approach	Project Manager Project Professional and Project Principal Experience			Prime Firm's Comparable Project Experience	Major Scopes of Work Comparable Project Experience	Team's Experience with Austin Issues	COA Experience with Prime			
						PMgr [10]	PProf [6]	Pprinc. [4]							
	AECOM Technical Services, Inc.	Y	Y	13.70	13.40	7.40	4.40	3.60	14.20	13.80	9.40	8.63	88.53	1	
	Jacobs Engineering Goup, Inc.	Y	Y	11.40	10.00	7.80	5.00	3.00	12.40	12.80	7.70	8.20	78.30	2	
	CP&Y, Inc.	Y	Y	13.40	12.00	7.50	3.80	2.70	9.00	11.60	9.10	8.50	77.60	3	

Walnut Creek Wastewater Treatment Plant – Site Location

7113 FM 969, Austin, Texas 78724

