



**Recommendation for
Water & Wastewater Commission 19-3109**

Commission Meeting Date:	October 9, 2019
Council Meeting Date:	October 17, 2019
Department:	Capital Contracting Office
Client:	Beverly Mendez, Rebecca Vento, Bill Stauber
SUBJECT	
<p>Authorize negotiation and execution of a professional services agreement with Carollo Engineers, Inc., (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP271 to provide engineering services for the Walnut Creek Wastewater Treatment Plant Headworks Improvements project in an amount not to exceed \$1,000,000.</p>	
AMOUNT AND SOURCE OF FUNDING	
<p>Funding is available in the Fiscal Year 2019-2020 Capital Budget of the Austin Water.</p>	
Purchasing Language:	Staff recommendation is the most qualified firm out of four firms evaluated through the City's qualification-based selection process.
Prior Council Action:	
Boards and Commission Action:	July 10, 2019 – 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) with 15.80% MBE and 15.80% WBE participation.

The purpose of this project is to rehabilitate and make improvements to Headworks No. 1 at Walnut Creek Wastewater Treatment Plant (WWTP). The mechanical and electrical components of Headworks No. 1 are original to the 1977 construction, and the majority are beyond their useful life. To increase process reliability and to prepare the plant for future flows, Headworks No. 1 will need to be improved and modified to treat 75 million gallons per day (MGD) average and 150 MGD peak flow, with a 190 MGD wet weather flow (hydraulic) capacity.

Currently, all influent flow is directed to Headworks No. 2. Therefore, there is a window of opportunity to rehabilitate Headworks No. 1 before the influent flow exceed Headworks No. 2 capacity. If the project is delayed and the influent flows exceed the capacity of Headworks No.2, the Headworks No. 1 rehabilitation and improvements would have additional construction cost to provide temporary screening capacity.

WWTP is permitted to treat and discharge an average daily flow of 75 MGD and a 2-hour peak flow of 165 MGD. The plant currently averages a daily flow of approximately 60 MGD. A portion of the plant effluent is used for non-potable water (NPW) at the plant site and to supply much of the City's growing Water Reclamation Initiative (WRI) program. The remainder plant effluent is discharged into the Colorado River. The Headworks (preliminary treatment) is the first step in the wastewater treatment process, where large debris and grit is removed from the raw wastewater.

The majority work will take place in non-public areas of the plant. A small portion of the work may minimally impact the operation of the septic receiving station, which accepts liquid waste from the public.

If the project is not approved, the plant would not be able to adequately treat and accept the influent flows. If the influent flows or future flows exceed the capacity of Headworks No. 1 and 2, then the plant would be at a greater risk for a wastewater spill.

Engineers shall, upon conclusion of review, investigation, and preliminary evaluation, prepare, present and publish details and summarization of their findings, solution options, budget constraints, cost estimates, recommendations, and a design and construction schedule for the recommended improvements in a report format.

The City intends to return to 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 (District 1).

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.

TOP RANKED FIRM: Carollo Engineers, Inc. is located in Austin TX.

SECOND RANKED FIRM: HDR Engineering, Inc. is located in Austin TX.

Information on this solicitation is available through the City's Austin Finance Online website. [Solicitation Link](#).

M/WBE Summary

Participation goals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Native/Asian; and and 15.80% WBE. The recommended firms provided a 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 a 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 CLM271 to provide Professional Engineering Services for Walnut Creek Wastewater Treatment Plant Headworks Improvements, through the City's Vendor Connection web portal. Four firms submitted qualifications statements and responses were opened on July 11, 2019. Of the four submittals received none of the firms submitting were certified MBE/WBE.

RECOMMENDED FIRM: Carollo Engineers, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME		43.10%
Carollo Engineers, Inc., Austin TX		43.10%
MBE TOTAL – SUBCONSULTANTS		15.90%
African American Subtotal		2.00%
(MB) Elston Johnson & Associates, LLC., Austin TX	Permitting Services, Environmental (Regulatory) Assistance, Laboratory and Field Testing Services	1.00%
(MB) TSIT Engineering & Consulting, LLC, Leander TX	Geotechnical Engineering - Soils	1.00%
Hispanic Subtotal		9.00%
(MH) Jose I Guerra, Inc, Austin TX	Structural Engineering	3.00%
(MH) Azcarate & Associates Consulting Engineers, LLC Dallas, TX	Air Conditioning, Heating, and Ventilating Engineering, Mechanical Engineering	3.00%
(MH) Maldonado-Burkett, LLP, Austin TX	Surveying Services	1.50%
(MH) TRE & Associates, LLC, Austin, TX	Civil Engineering	1.50%
Native/Asian Subtotal		4.90%
(MA) CAS Consulting & Services, Inc., Austin TX	Permitting Services, Environmental	4.90%
WBE TOTAL – SUBCONSULTANTS		15.80%
(FW) Harutunian Engineering, Inc. Austin TX	Electrical Engineering, Instrumentation/Engineering, Control Systems Engineering	15.80%
NON M/WBE TOTAL - SUBCONSULTANTS		25.00%
AECOM Technical Services, Inc., Austin TX	Engineering Consulting, Civil Engineering, Drainage Engineering, Engineer Services, Professional, Mechanical Engineering, Municipal Engineering, Waste Water Treatment Engineering, Water Supply, Treatment and Distribution/Engineering	25.00%
SECOND RANKED FIRM: HDR Engineering, Inc – Total Participation:		
NON M/WBE TOTAL – PRIME		66.50%

HDR Engineering, Inc, Austin TX		66.50%
MBE TOTAL – SUBCONSULTANTS		16.00%
African American Subtotal		2.00%
(MB) HVJ Associates, Inc., Austin TX	Cost Estimating	2.00%
Hispanic Subtotal		9.00%
(MH) Azcarate & Associates Consulting Engineers, LLC Dallas, TX	Mechanical Engineering	4.00%
(MH) Garza EMC, LLC Austin, TX	Civil Engineering Services	4.00%
(MH) The Rios Group, Inc. Round Rock, TX	Utility Locator Service (Underground)	1.00%
Native/Asian Subtotal		5.00%
(MA) CAS Consulting & Services, Inc., Austin TX	Civil Engineering Services Permitting Services, Environmental	5.00%
WBE TOTAL – SUBCONSULTANTS		17.50%
(FW) BAER Engineering & Environmental Consulting Inc., Austin, TX	Environmental Consulting Permitting Services, Environmental	0.50%
(FW) Harutunian Engineering, Inc. Austin TX	Electrical Engineering, Instrumentation/Engineering	15.00%
(FW) Holt Engineering, Inc., Austin TX	Geotechnical –Soils	1.00%
(FW) MWM Design Group, Inc. Austin TX	Surveying Services (Not Aerial or Research)	1.00%

Capital Contracting Office
Evaluation of Consultant Qualifications

**COMPOSITE
EVALUATION MATRIX**

Received: 7/11/19

Project: Walnut Creek WWTP Headworks Improvements

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]	[10]	[20]	[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]						
Carollo Engineers, Inc	Y	Y	8.05	14.40	9.80	5.45	3.75	14.70	13.86	9.05	8.33	87.40	1
HDR Engineering, Inc	Y	Y	7.60	12.90	7.04	5.05	3.30	14.00	12.39	9.03	8.56	79.87	2
Blach and Veatch Corperation	Y	Y	6.98	14.00	6.93	3.86	3.08	11.23	12.31	8.34	8.59	75.32	3
Whitman, Requart and Associates, LP	Y	Y	7.81	5.70	4.80	4.41	2.68	10.57	12.58	5.01	8.83	62.39	4