

Posting Language

Recommend approval to execute a contract for engineering services for the Davis Medium Service Water Transmission Main with Black & Veatch Corporation, in an amount not to exceed \$18,000,000. (Districts 1, 9, 10)

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 12.70% MBE and 8.89% WBE participation.

Lead Department

Financial Services Department

Client Department

Austin Water Assistant Director of Engineering Services, Charles Celauro

Fiscal Note

Funding is available in the Capital Budget of Austin Water.

Purchasing Language

The Financial Services Department issued a Request for Qualifications (RFQS) 6100 CLMP353 for these services. The solicitation was issued on May 18, 2023, and closed on July 12, 2023. Of the four offers received, the recommended contractor submitted the best evaluated responsive offer. A complete solicitation package, including a tabulation of the bids received, is available for viewing, is available for viewing on the City's Financial Services, website, Austin Finance Online. Link: [Solicitation Document](#).

Council Committee, Boards and Commission Action

October 11, 2023 - To be reviewed by the Water & Wastewater Commission

Additional Backup Information

The proposed Davis Medium Service Transmission Main will allow more utilization of the Davis Water Treatment Plant (WTP) capacity into the Central Pressure Zone. Currently, flow from Davis WTP into the Central Pressure Zone is limited to 50 million gallons a day due to transmission main limitations. This project will meet the Long-Range Planning goal to transition more Davis WTP capacity from the High Service Pump Station to the Medium Service Pump Station (MSPS), allowing use of the full capacity of the new Davis MSPS (currently under construction) along with one additional pump to be installed once the transmission main is complete. This transmission main will significantly increase system resiliency for Ullrich WTP by allowing Davis WTP to provide more water into the Central Pressure Zone and increasingly serve areas currently served by Ullrich WTP as the system continues to grow. This project is a 2021 Winter Storm Uri After Action Report recommendation. The transmission main is integral to the operation of the 2040 Water Forward Aquifer Storage and Recovery strategy.

The Davis Medium Service Water Transmission Main is a project to install an 84-inch water transmission main from the Davis WTP to an existing 66-inch water transmission main at the intersection of Martin Luther King, Jr. Blvd. and Springdale Rd. The total length is approximately 34,500 linear feet of 84-inch water transmission main, depending on the route that will be determined via this project.

Construction of the transmission main may require lane closures or traffic detours, impacting public transportation. Any necessary water service outages will be communicated to allow customers sufficient notice and time to prepare. These outages are expected to be minimal in number and duration.

Delay or deferral of this contract will impact Austin Water's ability to provide water distribution to new development in the service area, will have a negative effect on infrastructure resilience and stability, and increase operational risk.

The estimated consultant project cost for the Preliminary Engineering Phase and Final Design Phase for this project is \$18,000,000. Austin Water intends to return to Council to request additional authorization for the Construction Phase and Warranty Phase Services.

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

This project is located in Districts 1, 9, and 10.

M/WBE Summary

Participation subgoals stated in the solicitation were 0.86% African American; 3.53% Hispanic; 4.07% Native/Asian American; 2.92% WBE. The Top Ranked firm(s) 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 CLMP353 Davis Medium Service Water Transmission Main Pipeline, through the City's Financial Services website, Austin Finance Online. Four firms submitted qualifications statements and responses were opened on July 12, 2023. Of the four submittals received none of the firms were certified MBE/WBE.

TOP RANKED FIRM: Black & Veatch Corporation – Total Participation:

NON M/WBE TOTAL – PRIME	67.35%
Black & Veatch Corporation, Austin, TX	
MBE TOTAL – SUBCONSULTANTS	12.70%
African American Subtotal	0.86%
(MB) HVJ Associates, Inc., Austin, TX (Traffic and Transportation Engineering)	
Hispanic Subtotal	4.90%
(MH) Arias, Austin, TX (Geotechnical Engineering)	2.50%
(MH) Civil Team Engineers, LLC, Austin, TX (Permitting Services, Environmental)	0.70%
(FH) The Rios Group, Round Rock, TX (Utility Locator Service - Underground)	1.0%
(MH) Garcia Design, Inc., Austin, TX (Landscape Architecture)	0.7%
Native/Asian American Subtotal	6.94%
(MA) CAS Consulting & Services, Inc., Austin, TX (Civil Engineering, Drainage Engineering)	
WBE TOTAL – SUBCONSULTANTS	8.89%
(FW) Balcones Geotechnical, LLC, Austin, TX (Geotechnical Engineering, Geotechnical Tunnel Engineering)	5.00%
(FA) Baer Engineering, Austin, TX (Environmental Consulting, Environmental Engineering, Environmental Permitting Services)	0.56%
(FW) McGray & McGray Land Surveyors, Inc., Austin, TX (Surveying Services (Not Aerial or Research))	1.94%
(FW) MWM Design Group, Austin, TX (Surveying Services (Not Aerial or Research))	1.39%

NON M/WBE TOTAL -		11.06%
SUBCONSULTANTS		
<u>AECOM, Austin, TX</u>	(Civil Engineering)	3.0%
<u>Garver, Austin, TX</u>	(Civil Engineering)	5.0%
<u>Hicks & Company, Austin, TX</u>	(Environmental Consulting, Environmental Site Assessments)	0.56%
<u>InTEC of San Antonio, San Antonio, TX</u>	(Geotechnical Engineering)	2.5%

SECOND RANKED FIRM: Parsons Water & Infrastructure, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME		69.50%
<u>Parsons Water & Infrastructure, Inc., Austin, TX</u>		

MBE TOTAL – SUBCONSULTANTS 26.00%

African American Subtotal		2.00%
<u>(MB) HVJ Associates, Inc., Austin, TX (Traffic and Transportation Engineering)</u>		

Hispanic Subtotal		6.00%
<u>(MH) Arias & Associates, Inc., Austin, TX (Geotechnical - Soils)</u>		

Native/Asian American Subtotal		18.00%
<u>(MA) CAS Consulting and Services, Inc., Austin, TX (Civil Engineering, Environmental Engineering, Tunnels and Subways/Engineering)</u>		
<u>(MA) Encotech Engineering Consultants, Inc., Austin, TX (Structural Engineering)</u>		
<u>(MA) HVJ South Central Texas – M&J, Inc., Austin, TX (Geotechnical - Soils)</u>		

WBE TOTAL – SUBCONSULTANTS 11.00%

<u>(FW) Balcones Geotechnical, LLC, Austin, TX</u>	(Geotechnical – Soils, Tunnels and Subways/Engineering)	3.00%
<u>(FA) Baer Engineering and Environmental Consulting, Inc., Austin, TX</u>	(Environmental Engineering, Permitting Services, Environmental)	3.00%
<u>(FW) McGray &McGray Land Surveyors, Inc., Austin, TX</u>	(Surveying Services (Not Aerial or Research), Utility Locator Service (Underground))	3.50%
<u>(FH) The Rios Group, Inc., Round Rock, TX</u>	(Utility Locator Service (Underground))	0.50%
<u>(FH) Zara Environmental LLC, Manchaca, TX</u>	(Environmental Consulting, Subsurface Investigation)	1.00%

NON M/WBE TOTAL - SUBCONSULTANTS 4.50%

<u>Plus Six Engineering, LLC, Grapevine, TX</u>	(Civil Engineering, Water Supply Treatment and Distribution Engineering)	3.50%
<u>RIE Consultants, LLC, Redmond, WA</u>	(Civil Engineering, Water Supply Treatment and Distribution Engineering)	1.00%