

Posting Language

Recommend approval to negotiate and execute a professional services contract for engineering services for the South Austin Regional Wastewater Treatment Plant Chemical Consolidation project with CP&Y, Inc., dba STV Infrastructure, in an amount not to exceed \$500,000. (District 2)

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 18.00% MBE and 4.00% WBE participation.

Lead Department

Financial Services Department

Client Department

Austin Water Assistant Director of Engineering Services, Charles Celauro

Amount and Source of Funding

Funding is available in the Capital Budget of Austin Water.

Purchasing Language:

The Financial Services Department issued a Request for Qualifications (RFQS) 6100 CLMP370A SAR WWTP Chemical Consolidation-Reissue for these services. The solicitation was issued on February 7, 2024, and closed on March 3, 2024. Of the six offers received, the recommended contractor submitted the best evaluated responsive offer. A complete solicitation package, including a log of offers received, is available for viewing on the City's Financial Services website, Austin Finance Online. Link: [Solicitation Document](#).

Council Committee, Boards and Commission Action:

May 8, 2024 - To be reviewed by the Water & Wastewater Commission.

Additional Backup Information:

The South Austin Regional Wastewater Treatment Plant (SAR) is currently permitted to treat 75 million gallons a day (MGD) of wastewater. The first treatment train, Train A, was constructed between 1984 and 1986. Treatment Train B and the tertiary filtration process were constructed between 1986 and 1988. In 2005 the treatment plant was expanded to 75 MGD capacity with the construction of treatment Train C.

The plant utilizes magnesium hydroxide and sodium hypochlorite as primary chemicals in its treatment process. Magnesium hydroxide is used in the treatment process to increase alkalinity and pH. Alkalinity is used up in the nitrification process and magnesium hydroxide is added to supply additional alkalinity ensuring complete nitrification. Sodium hypochlorite is used in the treatment process for multiple purposes including filamentous foaming and disinfection. Both chemicals were added to the treatment process on an as-needed basis and have not been housed in permanent facilities.

The purpose of this project will be to consolidate the separate sodium hypochlorite and magnesium hydroxide storage and metering pumps into a single storage and feed location that would allow for the safe delivery, operation and storage of these chemicals. The specific scope is yet to be determined pending an engineering evaluation and Preliminary Engineering Report. Designed improvements shall address the hydraulic, mechanical, civil, structural, electrical power distribution, instrumentation & controls, and environmental aspects of the facility. The City plans to return to Council to request additional authorization for final design, construction phase, and warranty phase services.

This project will have no impact to the traveling public. All work will be conducted on City property at the South Austin Regional Wastewater Treatment Plant that is not open to the public.

Failure to acquire a professional services agreement for engineering services for this project in a timely manner may result in a negative effect on infrastructure stability, which could directly affect the plant's ability to treat wastewater.

This request allows for the development of an agreement with the selected firm. If the City is unsuccessful in negotiating a satisfactory agreement with the selected firm, negotiations will cease with that firm. Staff will return to Council so another qualified firm may be selected, authorizing new contract negotiations.

This project is located within zip code 78617 (District 2).

M/WBE Summary

Participation subgoals stated in the solicitation were 1.55% African American; 3.14% Hispanic; 3.21% Native/Asian American; and 2.60% WBE. The Top Ranked firm(s) 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 CLMP370A SAR WWTP Chemical Consolidation, through the City's Financial Services website, Austin Finance Online. Six firms submitted qualifications statements and responses were opened on March 6, 2024. Of the six submittals received, no submittals were from MBE/WBE certified firms.

TOP RANKED FIRM: CP&Y, Inc., dba STV Infrastructure – Total Participation:

NON-M/WBE TOTAL – PRIME	78.00%
CP&Y, Inc. dba STV Infrastructure, Austin, TX	78.00%
MBE TOTAL – SUBCONSULTANTS	18.00%
African American Subtotal	2.00%
(MB) Foster CM Group, Inc., Austin, TX	(General Construction: Management, Scheduling, Cost) 2.00%
Hispanic Subtotal	6.00%
(MH) Azcarate & Associates Consulting Engineers, LLC dba AACE, LLC, Dallas, TX	(Mechanical Engineering) 2.00%
(MH) Arias & Associates, Inc., Austin, TX	(Geotechnical Engineering) 2.00%
(FH) Macias & Associates, LP., Austin, TX	(Surveying Services, Land) 2.00%
Native/Asian American Subtotal	10.00%
(MA) CAS Consulting Services, Inc., Austin, TX	(Civil Engineering; Permitting Services, Environmental) 10.00%
WBE TOTAL – SUBCONSULTANTS	4.00%
(FH) The Rios Group, Inc., Round Rock, TX	(Underground Utility Locating) 2.00%
(FA) KWH Engineering LLC, Dallas, TX	(Electrical Engineering; Instrumentation/Engineering; Mechanical Engineering) 2.00%

SECOND RANKED FIRM: Kennedy / Jenks Consultants, Inc. – Total Participation:

NON-M/WBE TOTAL – PRIME	82.85%
Kennedy / Jenks Consultants, Inc., Austin, TX	82.50%

MBE TOTAL – SUBCONSULTANTS		15.95%
African American Subtotal		1.55%
(MB) HVJ Associates, Inc., Austin, TX	(Civil Engineering; Traffic and Transportation Engineering)	1.55%
Hispanic Subtotal		7.00%
(MH) Signature Automation, LLC, Dallas, TX	(Electrical Engineering; Instrumentation / Engineering)	6.00%
(MH) Civil Team Engineers, LLC, Austin, TX	(Permitting Services)	1.00%
Native/Asian American Subtotal		4.80%
(MA) Encotech Engineering Consultants, Inc., Austin, TX	(Structural Engineering)	4.00%
(MA) HVJ South Central, Austin, TX	(Geotechnical - Soils)	0.80%
WBE TOTAL – SUBCONSULTANTS		2.60%
(FW) CDS Graphics, LLC, Wimberly, TX	(Designing Services (Architectural & Engineering Np); Drafting Services (Architectural & Engineering); Computer Aided Design Services)	2.60%
NON M/WBE TOTAL - SUBCONSULTANTS		1.20%
Landmark Surveying, LP, Austin, TX	(Surveying Services (Not Aerial Or Research); Survey (Not Aerial Or Research; Surveying Services, Global Positioning System)	1.20%

CLMP370A SAR WWTP Chemical Consolidation-Reissue Project Map

CIP ID: 3333.113

