

Posting Language

Recommend approval to amend the contract for engineering services for the Barton SoCo Reclaimed Water Main with K Friese and Associates, Inc., in the amount of \$342,500 for a revised total contract amount not to exceed \$1,030,048.

MBE/WBE

This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 44.16% MBE and 54.99% WBE.

Lead Department

Financial Services Department

Client Department

Austin Water Assistant Director of Engineering Services, Charles Celauro

Fiscal Note

Funding in the amount of \$342,500 is available in the Capital Budget of Austin Water.

Purchasing Language

Contract Amendment.

Prior Council Action

April 23, 2020 - Council approved the original contract, item 7, on a 11-0 vote

Council Committee, Boards and Commission Action

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

Additional Backup Information

The Barton SoCo Reclaimed Water Main project is identified in Austin Water's 2011 Reclaimed Water Infrastructure Master Plan Update and in the 2013 Completing-The-Core Near-Term Reclaimed Water Program Focus. This is a series of construction projects to complete a core loop through downtown to interconnect the reclaimed water system north and south of the Colorado River.

The Barton SoCo Reclaimed Water Main project includes installation of approximately 600 linear feet of 6-inch, 3,500 linear feet of 16-inch, and 3,100 linear feet of 24-inch reclaimed water main along West Monroe Street from Newton Street to South 1st Street then north along South 1st Street to West Riverside Drive. The project has the opportunity to serve the Texas School for the Deaf and Nicholas Dawson Neighborhood Park.

The selected alignment for the Barton SoCo Reclaimed Water Main requires multiple crossings of East Bouldin Creek. Initial designs proposed conventional crossings at each of the creek locations, but further investigation identified these would neither be feasible nor economical due to various design constraints. A detailed analysis of the alignment determined horizontal directional drilling (HDD) under the creek offers benefits without significantly increasing estimated construction costs.

HDD is a specialized design that will require the services of an additional subconsultant and is outside of the original scope of services. This authorization provides funding for additional design phase services necessary to develop and implement the HDD design. This method of construction will significantly decrease the quantity of open-cut construction which is often more disruptive to the community.

Delaying this project could impact the reliability of reclaimed water service. As more customers connect to the system and increase usage for non-drinking purposes such as irrigation, cooling, toilet flushing, and manufacturing, the consequences of an outage become more significant. Other reclaimed water projects have been put on hold to prioritize this and other projects required to complete the core loop.

Final design of Barton SoCo Reclaimed Water Main is anticipated at the end of 2024 with construction beginning in early 2025 and lasting through mid-2026.

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were **1.90%** African American; **9.00%** Hispanic; **4.90%** Native/Asian; and **15.80%** WBE. Participation for this amendment:

WBE TOTAL – PRIME	\$56,807.86	16.59%
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(FW) K Friese + Associates, Austin, TX		
MBE TOTAL – SUBCONSULTANTS	\$179,195.69	52.33%
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Hispanic Subtotal	\$135,915.67	39.69%
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(MH) The Rios Group, Inc., Round Rock, TX (Subsurface Utility Engineering)		
Native/Asian American Subtotal	\$43,280.02	12.64%
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(MA) Frank Lam & Associates (Structural Design, Construction Phase)		
NON M/WBE TOTAL – SUBCONSULTANT	\$106,426.37	31.08%
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Brierley Associates, Austin, Texas (Trenchless Design, Construction Phase)		

Overall participation based on expenditure for the entire project as of August 11, 2023, (not including this amendment):

PRIME:

44.33% WBE

SUBCONSULTANTS:

0.26% African American; 16.17% Hispanic; 27.73% Native/Asian American; 10.66% WBE; and 0.85% Non M/WBE

TOTAL:

0.26% African American; 16.17% Hispanic; 27.73% Native/Asian American; 54.99% WBE; and 0.85% Non M/WBE

M/WBE Summary

Participation goals stated in the original approved compliance plan for the agreement were **6.00%** African American; **16.00%** Hispanic; **23.00%** Native/Asian; and **63.00%** WBE. Participation for this amendment:

WBE TOTAL – PRIME	\$56,807.86	16.59%
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(FW) K Friese + Associates, Austin, TX		
MBE TOTAL – SUBCONSULTANTS	\$179,195.69	52.33%
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Hispanic Subtotal	\$135,915.67	39.69%
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(MH) The Rios Group, Inc., Round Rock, TX (Subsurface Utility Engineering)		
Native/Asian American Subtotal	\$43,280.02	12.64%
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(MA) Frank Lam & Associates (Structural Design, Construction Phase)		
NON M/WBE TOTAL – SUBCONSULTANT	\$106,426.37	31.08%
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Brierley Associates, Austin, Texas (Trenchless Design, Construction Phase)		

Overall participation based on expenditure for the entire project as of September 28, 2023, (not including this amendment):

PRIME:

36.77% WBE

SUBCONSULTANTS:

9.28% African American; 27.01% Hispanic; 23.00% Native/Asian American; 36.77% WBE; and 3.95% Non M/WBE

TOTAL:

9.28% African American; 27.01% Hispanic; 23.00% Native/Asian American; 36.77% WBE; and 3.95% Non M/WBE

AUTHORIZATION HISTORY

AMOUNT	DATE	DESCRIPTION
\$1,500,000.00	04/23/2020	(Council) – professional engineering services for the Austin Water Barton SoCo and the Travis Heights Reclaimed Water Main projects with a total amount not to exceed \$1,500,000.
\$61,000.00	04/23/2020	(Administrative Authority)
\$342,500.00	11/02/2023	Proposed (Council) – Additional Funding for Austin Water Barton SoCo Reclaimed Water Main Design and Bid Phase services
\$1,903,500.00	<i>Total Contract Authorization</i>	

CONTRACT HISTORY

AMOUNT	DATE	DESCRIPTION
\$687,547.96	04/29/2021	Austin Water Barton SoCo Reclaimed Water Main Design and Bid Phase Services
\$687,547.96	<i>Total Contract History</i>	