



**Recommendation for
Water & Wastewater Commission**

Commission Meeting Date:	June 12, 2019
Council Meeting Date:	June 20, 2019
Department:	Capital Contracting Office (19-1875)
Client:	Aiden Cohen, Dan Pedersen
SUBJECT	
<p>Authorize negotiation and execution of a professional services agreement with AECOM Technical Services, Inc. or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP257 to provide engineering services for the Reclaimed Water System Surge Analysis project in amount not to exceed \$400,000.</p>	
AMOUNT AND SOURCE OF FUNDING	
<p>Funding is available in the Fiscal year 2018-2019 Capital or Operating Budget of Austin Water.</p>	
Purchasing Language:	Staff recommendation is the most qualified firm out of 5 firms evaluated through the City's qualification-based selection process.
Prior Council Action:	N/A
Boards and Commission Action:	To be reviewed by the Water and Wastewater Commission on June 12, 2019.
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.

Austin Water has provided reclaimed water for toilet flushing since 2009. Existing reclaimed water toilet flushing customers include moderately-sized commercial buildings in the Mueller area and high-rise commercial buildings in the downtown area. One high-rise commercial building has raised concerns over several issues related to the reclaimed water service for toilet flushing, including pressure transients. Pressure monitoring of the reclaimed water system conducted by Austin Water revealed that pressure transients were occurring and propagating outside of that particular high-rise commercial building.

The selected firm will provide pressure monitoring of Austin Water's reclaimed water system, both North and South of the Colorado River, analysis of the results, and any necessary hydraulic and surge modeling to determine the extent, severity, and cause of pressure transients. The selected firm will provide recommendations for improvements to mitigate pressure transients and their transmission.

This authorization provides funding for a preliminary engineering report, design and bid phase services. The City intends to return to Council for additional authorization for construction and warranty phase services. The total construction cost and associated engineering fees will be based on the preliminary engineering report and the option selected by Austin Water. 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: AECOM Technical Services, Inc. is located in Austin, Texas

SECOND RANKED FIRM: Lockwood, Andrews & Newnam, Inc. is located in Austin, Texas

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

M/WBE Summary

Participation subgoals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Asian/Native American and 15.80% WBE. The recommended 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. 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 solicitation number CLMC257, Reclaimed Water System Surge Analysis, through the City's Vendor Connection web portal. Five firms submitted qualifications statements and submittals were opened on February 13, 2019. Of the five submittals received, none of the firms submitting were certified MBE/WBE.

RECOMMENDED FIRM: AECOM Technical Services, Inc. – Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>68.40%</u>
AECOM Technical Services, Inc., Austin, TX	68.40%
<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>15.80%</u>
<u>African American Subtotal</u>	<u>01.90%</u>
(MB) HVJ Associates, Inc., Austin, TX (traffic and transportation engineering)	01.90%
<u>Hispanic Subtotal</u>	<u>09.00%</u>
(MH) Maldonado-Burkett, LLP, Austin, TX (surveying services)	09.00%
<u>Native/Asian Subtotal</u>	<u>04.90%</u>
(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)	04.90%
<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>15.80%</u>
(FW) Baer Engineering & Environmental Consulting, Inc., Austin, TX (environmental permitting services)	10.80%
(FW) Balcones Geotechnical, LLC, Austin, TX (geotechnical-soils)	05.00%

SECOND RANKED FIRM: Lockwood, Andrews & Newnam, Inc. – Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>63.00%</u>
Lockwood, Andrews, & Newnam, Inc., Austin, TX	63.00%
<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>16.00%</u>
<u>African American Subtotal</u>	<u>02.00%</u>
(MA) HVJ Associates, Inc., Austin, TX (traffic & transportation engineering)	02.00%
<u>Hispanic Subtotal</u>	<u>09.00%</u>
(MH) Thompson-Hamilton Engineering, LLC, dba Atlas Design Services, Austin, TX (cost estimating)	06.00%
(MH) Zamora, LLC, Buda, TX (surveying services)	03.00%
<u>Native/Asian Subtotal</u>	<u>05.00%</u>

(MA) CAS Consulting & Services, Inc. (civil engineering)	05.00%
WBE TOTAL – SUBCONSULTANTS	16.00%
(FW) 5 Engineering, LLC, Houston, TX (civil engineering)	10.00%
(FW) Baer Engineering & Environmental Consulting, Austin, TX (environmental consulting, Environmental engineering, environmental permitting services)	01.00%
(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering, control systems engineering)	03.00%
(FW) Holt Engineering, Inc., Austin, TX (geotechnical-soils)	01.00%
(FH) The Rios Group, Inc., Round Rock, TX (civil engineering)	01.00%
NON M/WBE TOTAL – SUBCONSULTANTS	05.00%
RJN Group, Inc., Austin, TX (specific pressure transient monitoring and analysis)	05.00%

Capital Contracting Office
Evaluation of Consultant Qualifications

**COMPOSITE
EVALUATION MATRIX**

Received: February 13, 2019

Project: Reclaimed Water System Surge Analysis

Project Manager: Dan Pedersen

Firm (or Joint Venture)	Item 1	Item 2	Item 3a	Item 3b	Item 4		Item 5	Item 6	Item 7	Item 8	Item 9	TOTAL POINTS	RANK	
	[Yes or No]	[Yes or No]	[10]	[20]	[20]		[15]	[15]	[10]	[10]	[100]			[15]
	MBE/WBE Procurement Program	Turned in all Required Documents	Team's Structure	Team's Project Approach	Project Manager and Project Principal Experience	PMgr [12]	PProf [8]	Prime Firm's Comparable Project Experience	Major Scopes of Work Comparable Project Experience	Team's Experience with Austin Issues	COA Experience with Prime			SUB TOTAL
AECOM Technical Services, Inc.	Y	Y	9.40	18.20	11.50	7.85	12.90	14.20	9.80	8.31	92.16	-	92.16	1
Lockwood, Andrews & Newnam, Inc.	Y	Y	8.60	17.30	10.75	7.55	13.20	13.20	9.10	8.33	88.03	-	88.03	2
Freese & Nichols, Inc.	Y	Y	8.10	15.10	9.65	7.30	13.70	13.60	9.30	8.50	85.25	-	85.25	3
Hazen and Sawyer, DPC	Y	Y	8.40	16.10	8.65	6.90	12.70	12.50	8.80	8.33	82.38	-	82.38	4
Garver, LLC	Y	Y	7.40	11.40	7.90	6.15	12.10	11.96	8.52	8.33	73.76	-	73.76	5