



**Water & Wastewater Commission  
Review and Recommendation**

<b>Commission Meeting Date:</b>	April 10, 2020	<b>COA Strategic Direction:</b>	Safety, Health and Environment
<b>Council Meeting Date:</b>	April 23, 2020		
<b>Department:</b>	Capital Contract Office		
<b>Client:</b>	Gareth Nicely, Bill Stauber, James King		
<b>Agenda Item</b>			
Recommend approval to negotiate and execute an amendment to the professional services agreement with CDM-Smith, Inc., for construction and post-construction phase engineering services for the North Austin Reservoir and Pump Station Improvements project in the amount of \$3,618,097, for a total contract amount not to exceed \$7,318,097.			
<b>Amount and Source of Funding</b>			
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.			
<b>Purchasing Language:</b>	Original Contract was awarded through a qualifications-based selection process.		
<b>Prior Council Action:</b>	June 23, 2016 – Council approved an amendment to the professional services agreement with CDM Smith, Inc. May 23, 2013 – Council approved a professional services agreement with CDM Smith, Inc.		
<b>Boards and Commission Action:</b>	April 10, 2020 – To be reviewed by the Water and Wastewater Commission.		
<b>MBE/WBE:</b>	This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 22.10% MBE and 33.22% WBE.		

Originally constructed in 1913, the North Austin Reservoir at 5802 North Lamar Blvd. is one of the oldest water facilities in Austin's water distribution system. Over the years, the existing 10 million-gallon (MG) reservoir, the on-site pump station, and the booster pump station located across Koenig Ln. have undergone several renovations, including construction and overhaul of the pumping facilities. However, the reservoir, pump station and booster pump station have exceeded their useful lives and require replacement.

The construction contract to replace the North Austin Reservoir and Pump Station was awarded by City Council on March 12, 2020. This request is for authorization to negotiate construction phase professional services with the Consultant to support delivery of the construction contract.

The requested engineering services include:

- Basic engineering services to support construction activities;
- Resident project representative services;
- Computer programming and Austin Water personnel training;
- Facility commissioning and startup including core Instrumentation & Control system startup and testing; and
- Development of an electronic operation and maintenance manual website to support future facility operations.

There are no anticipated detours or lane closures along North Lamar Blvd. or Koenig Ln. during the project and all work will occur within the facility. However, construction vehicles will enter and exit the property regularly for the duration of the project. The initial work, demolition of the existing reservoir, will likely result in the highest volume of in-and-out traffic at the site. Following demolition of the reservoir, project traffic will consist of regular construction materials and concrete deliveries while the new reservoir and pump station are constructed.

Should Council not approve this item, the construction project will not be supported by the design engineer.

## **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:

NON M/BE TOTAL – PRIME		\$2,086,704.48	57.67%
CDM Smith, Inc. Austin, TX		\$2,086,704.48	57.67%
MBE TOTAL – SUBCONSULTANTS		\$514,749.57	14.23%
African American Subtotal		\$114,448.40	3.17%
(MB) TSIT Engineering & Consulting, Leander, TX	(geotechnical)	\$114,448.40	3.17%
Hispanic Subtotal		\$281,524.00	7.78%
(MH) Garza EMC, LLC, Austin, TX	(quality management)	\$169,728.00	4.69%
(MH) Negrete & Kolar, Austin, TX	(architectural services)	\$111,796.00	3.09%
Asian/ Native American Subtotal		\$118,777.17	3.28%
(MA) Encotech, Austin, TX	(MEP and structural engineering)	\$118,777.17	3.28%
WBE TOTAL – SUBCONSULTANTS		\$1,016,642.65	28.10%
(FW) Harutunian Engineering, Inc., Austin, TX	(electrical & instrumentation)	\$868,099.52	23.99%
(FW) Axiom Engineers Inc., Austin, TX	(civil engineering)	\$80,879.00	2.24%
(FW) CDS Graphics, Wimberley, TX	(CAD design)	\$67,664.13	1.87%

**Overall participation for the entire project based on expenditures as of December 11, 2019, (not including this amendment):**

### **PRIME:**

43.64% Non M/WBE

### **SUBCONSULTANTS:**

0.70% African American; 11.23% Hispanic; 10.17% Native/Asian; 33.22% WBE; and 1.04% Non M/WBE

### **TOTAL:**

0.70% African American; 11.23% Hispanic; 10.17% Native/Asian; 33.22% WBE; and 44.68% Non M/WBE

**AUTHORIZATION HISTORY**

AMOUNT	DATE	DESCRIPTION
\$3,000,000.00	05/23/13	(Council) – Provide engineering services for North Austin Reservoir and Pump Station Improvements
\$700,000.00	06/23/16	(Council) – Design and Bid Phase Services
\$3,618,097.00	04/09/20	Proposed (Council) – Construction and Post-Construction Phase Services
\$7,318,097.00		<i>Total Contract Authorization</i>

**CONTRACT HISTORY**

AMOUNT	DATE	DESCRIPTION
\$731,457.00	12/09/09	Original Professional Services Agreement for Preliminary Design Services
\$2,761,791.00	11/08/16	SA #1 –Design and Bid Phase Services
\$3,618,097.00	Proposed	SA #2 – Construction and Post-Construction Phase Services
\$7,111,345.00		<i>Total Contract Amount</i>