



**Water & Wastewater Commission  
Review and Recommendation**

<b>Commission Meeting Date:</b>	October 10, 2018
<b>Council Meeting Date:</b>	November 1, 2018
<b>Department:</b>	Capital Contracting Office
<b>Client:</b>	Joanette Aird, Charles Celauro, and Chris Chen
<b>Agenda Item</b>	
<p>Authorize negotiation and execution of a professional services agreement with the following two staff recommended firms: <b>CDM Smith, Inc.</b> and <b>K Friese &amp; Associates, Inc.</b> (or other qualified responders), for Request for Qualifications Solicitation No. CLMP246 to provide engineering services for the South Area and Northwest Area Lift Station Improvements with the total amount not to exceed \$7,000,000 divided evenly amongst the two firms.</p>	
<b>Amount and Source of Funding</b>	
Funding is available in the Fiscal Year 2018-2019 Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Staff recommendation is selection of the most qualified firms out of sixteen firms evaluated through the City's qualifications-based selection process.
<b>Prior Council Action:</b>	N/A
<b>Boards and Commission Action:</b>	October 10, 2018 – 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) by meeting the goals with 15.80% MBE and 15.80% WBE participation.

A number of Austin Water lift stations in the South and Northwest Austin require engineering services for improvements. Lift stations and force mains in these areas have been identified for improvements based on the condition of the dry well, wet well, force main, or the capacity of the existing pumps and force main conveyance capacity.

As outlined in the solicitation process, staff evaluated and ranked the firms, then allowed the top ranked firm to choose either the South or Northwest Area Lift Station Improvements. As a result, CDM Smith, Inc. will perform the South Area Lift Station Improvements while K Friese & Associates, Inc. will perform the Northwest Area Lift Station Improvements. The estimated consultant project cost for planning, preliminary engineering, final design, and bid phase is \$3,500,000 for the South Area lift station improvements and \$3,500,000 for the Northwest Area lift station improvements. The City intends to return to Council to request additional authorization for construction phase and warranty phase services. These amounts will be determined after the preliminary and final design recommendations are reviewed and approved by the City.

The list of lift stations and force mains in the South Area includes:

- Bend O'River Force Main
- Lost Creek WWTP Effluent Force Main
- Barton Creek Plaza Lift Station
- Boggy Creek East Lift Station
- Pearce Lane #1 Lift Station and Force Main
- Pearce Lane #2 Lift Station and Force Main
- Springfield Lift Station and Force Main
- Bee Caves Force Main
- Bluffington #1 Force Main
- Bluffington #2 Force Main
- Treemont Force Main
- Travis Country Force Main and Generator

The list of lift stations and force mains in the Northwest Area includes:

- Boulder Lane Lift Station
- Rock Harbour Force Main
- Four Points #1 Lift Station and Force Main
- Four Points #2 Lift Station and Force Main
- Four Points Center Lift Station and Force Main
- Spring Lake #2 Lift Station and Force Main
- Great Hills Lift Station Feasibility Study and Improvements
- McNeil Commercial Force Main
- Texas Plume Force Main

This authorization provides for funding of the above listed services. This request allows for the development of an agreement with the qualified responders that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responders, 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:** CDM Smith, Inc. is located in Austin, TX

**SECOND RANKED FIRM:** K Friese & Associates is located in Austin, TX

**M/WBE Summary**

Participation subgoals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Asian/Native Asian; and 15.80% WBE. The recommended firms provided a MBE/WBE Compliance Plan that met the goals of the solicitation and were approved by the Small and Minority Business Resources Department. The alternate 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 CLMP246 South Area and Northwest Area Lift Station Improvements, through the City's Vendor Connection web portal. Sixteen firms submitted qualifications statements and submittals were opened on July 7, 2018. Of the sixteen submittals received, one submittal was from an MBE/WBE certified firm. Of the 16 firms evaluated, 6 were short-listed and interviewed which resulted in the following recommendation:

**RECOMMENDED FIRM (HIGHEST RANKED):** CDM Smith, Inc. (Austin, TX) – Total Participation:

<b><u>NON M/WBE TOTAL – PRIME</u></b>	<b><u>67.90%</u></b>
CDM Smith, Inc. (Austin, TX)	67.90%
<b><u>MBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>15.80%</u></b>
<b><u>African American Subtotal</u></b>	<b><u>1.90%</u></b>
(MB) Foster CM Group, Inc., Austin, TX (construction estimating and scheduling services)	0.90%
(MB) T. Smith Inspection and Testing, LLC, Leander, TX (consulting and engineering)	1.00%
<b><u>Hispanic Subtotal</u></b>	<b><u>9.00%</u></b>
(MH) Maldonado-Burkett ITS, LLP, Austin, TX (surveying)	4.00%
(MH) The Rios Group, Inc., Round Rock, TX (civil engineering)	2.00%
(FH) Zander Engineering and Consulting, Inc., Austin, TX (environmental consulting)	3.00%
<b><u>Native/Asian Subtotal</u></b>	<b><u>4.90%</u></b>
(MA) CAS Consulting, Inc., Austin, TX (environmental permitting)	2.90%
(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering)	2.00%
<b><u>WBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>15.80%</u></b>
(FW) CDS Graphics, LLC, Wimberley, TX (drafting, designing, engineering and CAD services)	3.00%
(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering, control systems engineering)	12.80%

<b>NON M/WBE TOTAL – SUBCONSULTANTS</b>	<b>0.50%</b>
Pure Technologies U.S., Inc., Addison, TX (civil engineering, field engineering, water supply treatment & distribution engineering)	0.50%
<b><u>RECOMMENDED FIRM (SECOND RANKED):</u> K Friese &amp; Associates, Inc., Austin, TX</b>	
– Total Participation:	
<b>M/WBE TOTAL – PRIME</b>	<b>45.00%</b>
(FW) K Friese & Associates, Inc., Austin, TX	45.00%
<u>African American Subtotal</u>	<u>2.00%</u>
(MB) Turner Graphics, Austin, TX (computer aided design, design, and drafting)	2.00%
<u>Hispanic Subtotal</u>	<u>12.00%</u>
(MH) Arias & Associates dba Arias Geoprosessionals, Austin, TX (architectural and engineering services, general construction, consulting, sampling and sample preparation, testing and calibration)	4.00%
(MH) Atlas Design Services, Austin, TX (permitting services, traffic and transportation engineering)	3.00%
(MH) Zamora, LLC dba ZWA, Buda, TX (surveying, global positioning, and mapping)	5.00%
<u>Native/Asian Subtotal</u>	<u>8.00%</u>
(MA) Frank Lam & Associates, Inc., Austin, TX (structural engineering)	8.00%
<b>WBE TOTAL – SUBCONSULTANTS</b>	<b>13.50%</b>
(FW) JRSA Engineering, Inc., Austin, TX (control systems engineering, electrical engineering, instrumentation engineering)	12.00%
(FW) Peabody General Contractors, Inc., Austin, TX (condition assessment services, line construction, pump maintenance and repair)	1.50%
<b>NON M/WBE TOTAL – SUBCONSULTANTS</b>	<b>19.50%</b>
Blanton & Associates, Inc., Austin, TX (environmental consulting, mapping, geographic information, environmental engineering, environmental impact studies)	1.50%
Freese and Nichols, Inc., Austin, TX (mechanical engineering, civil engineering)	15.00%
Pure Technologies U.S., Inc., Addison, TX (civil engineering)	3.00%

Capital Contracting Office  
Evaluation of Consultant Qualifications

**COMPOSITE  
EVALUATION MATRIX**

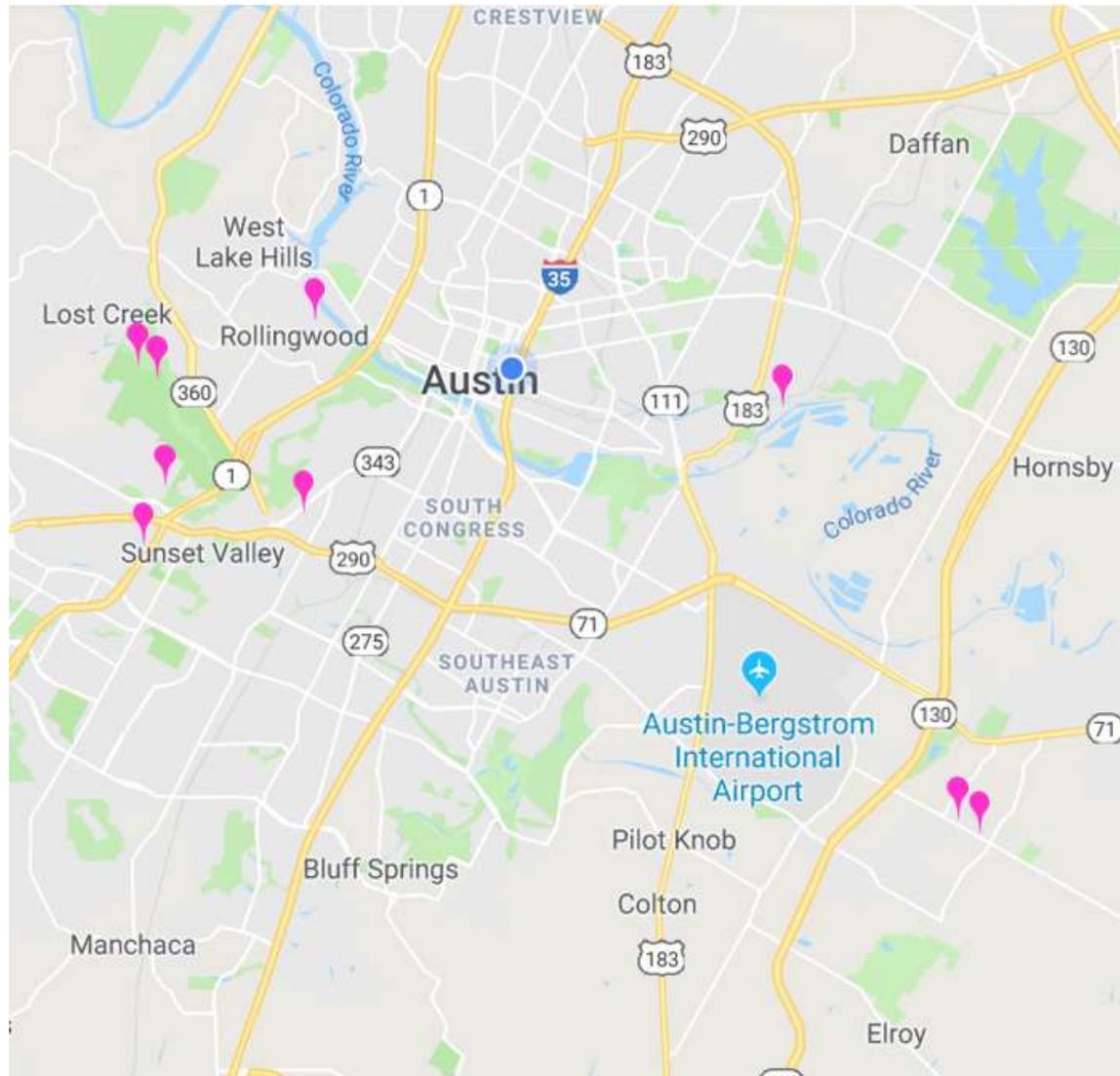
**Received:** July 7, 2018

**Project:** South Area and Northwest Area Lift Station Improvements

**Project Manager:** Joanette Aird

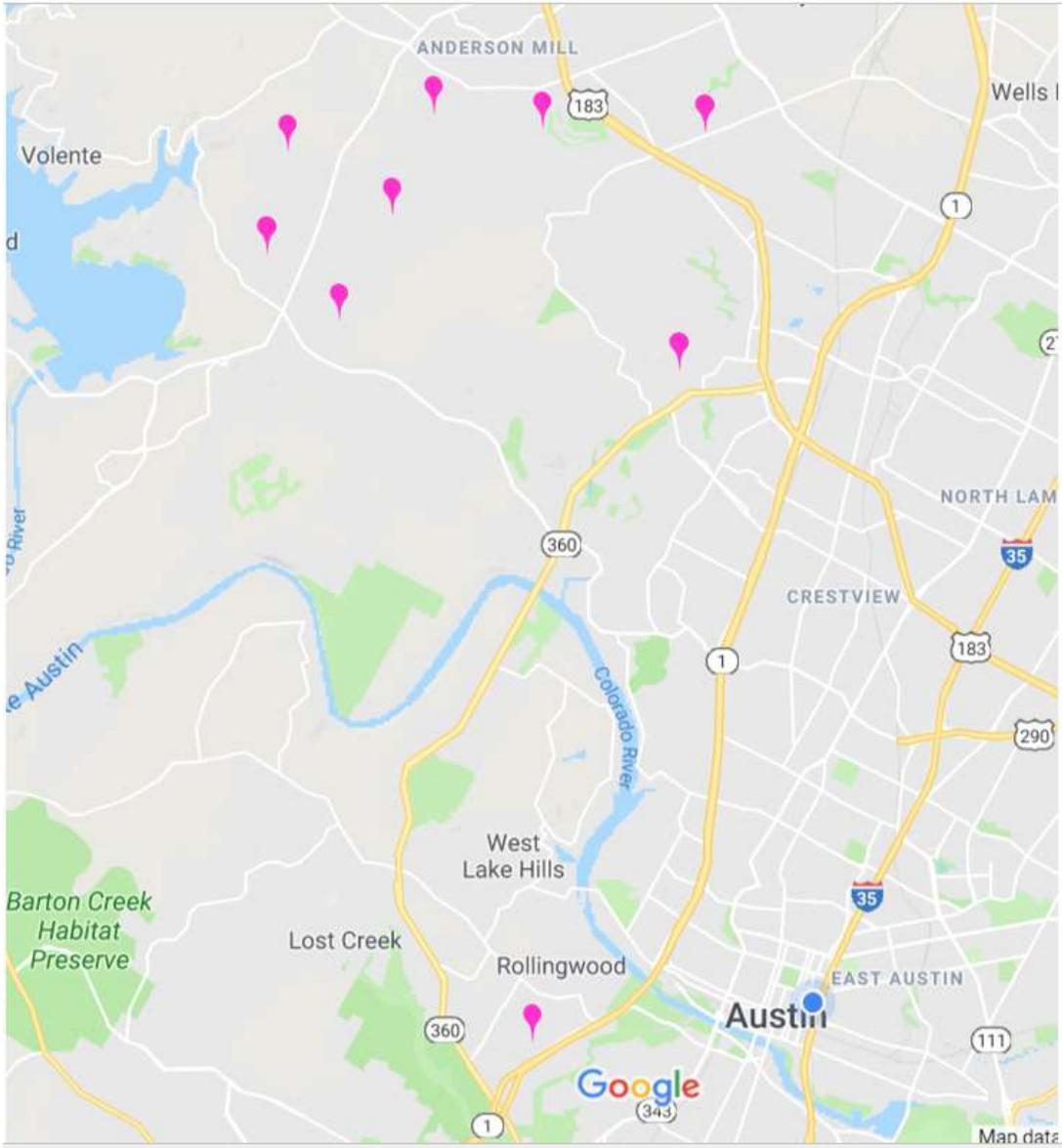
Firm (or Joint Venture)	Item 1	Item 2	Item 3a	Item 3b	Item 4			Item 5	Item 6	Item 7	Item 8	Item 9	TOTAL POINTS	RANK	
	[Yes or No]	[Yes or No]	[10]	[20]	[20]			[15]	[15]	[10]	[10]	[100]			[15]
	MBE/WBE Procurement Program	Turned in all Required Documents	Team's Structure	Team's Project Approach	Project Manager	Project Professional	and Project Principal Experience	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			Optional Interview
				PMgr [10]	PProf [6]	PPrin [4]									
CDM Smith, Inc.	Y	Y	9.61	19.20	8.19	5.25	3.49	13.86	13.30	9.70	8.19	90.80	14.10	104.90	1
K Friese & Associates, Inc. (WBE/FW)	Y	Y	9.61	17.90	8.78	5.40	3.68	13.54	13.50	9.80	8.33	90.55	13.45	104.00	2
Freese and Nichols, Inc.	Y	Y	8.91	18.95	8.27	4.83	3.24	13.12	13.70	9.25	8.33	88.60	13.50	102.10	3
Weston Solutions, Inc.	Y	Y	9.30	19.60	8.80	4.95	3.50	13.40	13.50	9.30	8.33	90.68	10.85	101.53	4
Jacobs Engineering Group, Inc.	Y	Y	9.40	19.00	9.50	4.78	2.84	12.82	13.30	9.80	8.33	89.77	10.75	100.52	5
BGE, Inc.	Y	Y	10.00	18.88	8.32	4.52	3.51	13.40	12.25	9.90	8.33	89.11	11.20	100.31	6
Parsons Water & Infrastructure, Inc.	Y	Y	8.80	17.68	8.77	4.48	3.53	13.00	13.27	9.50	8.33	87.36	-	87.36	7
Lockwood, Andrews, & Newnam, Inc.	Y	Y	9.90	14.50	9.10	4.98	3.38	13.76	12.90	9.42	8.33	86.27	-	86.27	8
HDR Engineering, Inc.	Y	Y	9.61	17.00	7.97	4.88	3.26	12.50	12.80	9.40	8.33	85.75	-	85.75	9
ARCADIS U.S., Inc.	Y	Y	8.43	18.47	7.82	4.30	3.13	12.36	14.00	9.10	7.63	85.24	-	85.24	10
AECOM Technical Services, Inc.	Y	Y	9.20	16.07	6.95	4.83	2.93	13.58	13.00	9.60	8.33	84.50	-	84.50	11
Binkley & Barfield, Inc.	Y	Y	8.93	15.80	8.27	4.90	3.21	12.56	11.60	9.70	8.33	83.29	-	83.29	12
Pape-Dawson Consulting Engineers, Inc.	Y	Y	9.01	15.35	8.02	4.68	2.88	13.01	12.80	8.40	7.63	81.79	-	81.79	13
Thonhoff Consulting Engineers, Inc.	Y	Y	8.80	13.57	8.72	4.93	3.21	13.34	12.67	8.40	7.63	81.27	-	81.27	14
Garver, LLC	Y	Y	9.60	15.52	6.82	4.88	3.00	12.78	11.67	8.50	7.63	80.40	-	80.40	15
Stantec Consulting Services, Inc.	Y	Y	9.11	14.83	7.55	4.38	2.88	11.48	12.30	9.30	8.33	80.18	-	80.18	16

## South Area LS



- Bend O' River FM
- Lost Creek WWTP FM
- Barton Creek Plaza LS
- Pearce Ln #1 LS/FM
- Pearce Ln #2 LS/FM
- Springfield LS/FM
- Bee Caves FM
- Bluffington #1 FM
- Bluffington #2 FM
- Treemont FM
- Travis County FM

North Area LS



- Boulder Ln LS
- Rock Harbour FM
- Four Points #1 LS/FM
- Four Points #2 LS/FM
- Four Points Center LS
- Spring Lake #2 LS/FM
- Great Hills LS
- McNeil Comm FM
- Texas Plume FM