

Posting Language

Recommend approval to negotiate and execute a professional services agreement with the following 7 staff recommended firms (or other qualified respondents) for Request for Qualifications Solicitation No. CLMP329: Harutunian Engineering, Inc. (WBE), CP&Y, Inc., Arcadis US, Inc., Jacobs Engineering Group, Inc., Black & Veatch Corp, Alan Plummer Associates, Inc., and Signature Automation, LLC (MBE), for engineering services for the 2022 Austin Water SCADA Services Rotation List in an amount not to exceed \$10,000,000.00.

MWBE

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 7.20% MBE and 2.91% WBE participation.

Lead Department

Financial Services Department

Managing Department

Capital Contracting

Client

Assistant Director of Engineering Services, Shay Ralls Roalson

Fiscal Note

Funding is available in the Capital Budget of the Austin Water Department.

Purchasing Language:

Staff recommendation is based on the seven most qualified firms out of nine firms evaluated through the City's qualification-based selection process.

Council Committee, Boards and Commission Action:

May 11, 2022 – To be reviewed by the Water and Wastewater Commission.

Additional Backup Information:

As a standard business practice, the City routinely engages the services of professional engineering firms to perform analysis, design and support services associated with construction or improvement of City capital assets. Rotation List contracting allows the City to always have a group of qualified consultants available to perform a specific type of recurring work in a timely manner to meet the project and operational needs of the City.

Prior to issuing, this solicitation was reviewed by the City's Rotation List Advisory Committee, which is made up of staff from Financial Service Department – Capital Contracting (FSD-CC), Small and Minority Business Resource Department (SMBR), Public Works Department (PWD), and other user departments. The total authorization amount, the number of firms to be recommended for selection, and the authorization amount per firm were discussed and reviewed by the Committee. FSD-CC expects that user departments will require these services to meet current and future engineering services' needs.

Austin Water (AW) has in operation several Supervisory Control and Data Acquisition (SCADA) systems used to monitor and control the various water and wastewater facilities including: water and wastewater treatment plants, water distribution pump stations and reservoirs, and wastewater collection lift stations. This Rotation List will serve multiple functions throughout the life cycle of the SCADA equipment: these systems occasionally

need support to correct a failure or deficiency; over time the hardware and software can become obsolete and therefore require replacement; and enhancements are required on the systems to accommodate new facilities or provide additional functionality. The City currently has a SCADA Services rotation list agreement with 5 firms to provide engineering services for Austin Water. It is anticipated that the contracting authority for the existing rotation list will be exhausted in the near future.

The professional engineering services will include the design and construction phase services of expansion and renovation projects associated with AW SCADA Systems. In addition, SCADA support services will include, but not be limited to, configuration, programming, troubleshooting and installation of the hardware and software associated with the SCADA systems such as the following: SCADA computer servers and Human Machine Interface (HMI) computers, Programmable Logic Controllers (PLC) and/or Remote Terminal Units (RTU), local area and wide area networks, SQL databases including those for storing historical and reporting information, and security systems and applications to keep the SCADA systems secure.

This request allows for the development of a professional services agreement with each of the 7 recommended firms until financial authorization is expended. Initial project assignments will be based on the firm's final ranking as determined during the Request for Qualifications evaluation (highest to lowest), the maximum cumulative contracted amount in comparison to the estimated task budget for that firm, and the firm's qualifications and availability of expertise at time of project need. Per firm authorizations may be increased or decreased, through the life of the contract, based on the needs of a particular assignment and will follow the established rotation list policies and procedures. If the City is unsuccessful in negotiating a satisfactory agreement with a recommended firm(s), if a selected firm ceases practice during the contract period, or if the City elects to terminate its agreement with one of the selected firms, the remaining assignments will be assigned to the remaining firm(s) for the duration of the contract period.

RECOMMENDED FIRMS:

Harutunian Engineering, Inc. is located in Austin, TX.

CP&Y, Inc. is located in Austin, TX.

Arcadis US, Inc. is located in Austin, TX.

Jacobs Engineering Group, Inc. is located in Austin, TX.

Black & Veatch Corp is located in Austin, TX.

Alan Plummer Associates, Inc. is located in Austin, TX.

Signature Automation, LLC is located in Addison, TX.

Strategic Outcome(s):

Safety, Health and Environment.

M/WBE Summary

Public notice was given for this Request for Qualifications CLMP329 2022 Austin Water SCADA Services Rotation List, through the City's Vendor Connection web portal. Nine firms submitted qualifications statements and responses were opened on February 7, 2022. Of the nine of submittals received two submittals were from MBE/WBE certified firms.

Participation goals stated in the solicitation were 7.20% MBE and 2.91% WBE. The recommended firms provided an MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department.

RECOMMENDED FIRM: Harutunian Engineering, Inc. – Total Participation:

M/WBE TOTAL – PRIME	92.80%
Harutunian Engineering, Inc., Austin, TX	92.80%
MBE TOTAL – SUBCONSULTANTS	7.20%
Hispanic Subtotal	Unknown
(FH) CADD Studio, Inc., Round Rock, TX (Drafting Services, Computer Aided Design Services)	
(MH) Zamora, LLC, Buda, TX (Surveying Services, Land Surveying)	
Native/Asian Subtotal	Unknown
(MA) CAS Consulting & Services, Inc., Austin, TX (Civil Engineering, Permitting Services, Environmental)	
(MA) HVJ South Central Texas – M&J, Inc., Austin, TX (Geotechnical-Soils, Lab & Field Testing, Soil Sampling and Preparation)	

RECOMMENDED FIRM: CP&Y, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME	89.89%
CP&Y, Inc., Austin, TX	89.89%
MBE TOTAL – SUBCONSULTANTS	7.20%
Native/Asian Subtotal	7.20%
(MA) Team One Integration, LLC, Addison, TX (Instrumentation Engineering)	7.20%
WBE TOTAL – SUBCONSULTANTS	2.91%
(FA) KWH Engineering, LLC, Dallas, TX (Electrical Engineering)	2.91%

RECOMMENDED FIRM: Arcadis US, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME	89.89%
Arcadis U.S., Inc., Austin, TX	89.89%

MBE TOTAL – SUBCONSULTANTS	7.20%
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Hispanic Subtotal	7.20%
(MH) Signature Automation, LLC, (Control Systems Engineering) Addison, TX	7.20%

WBE TOTAL – SUBCONSULTANTS	2.91%
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(FW) Harutunian Engineering, Inc., (Electrical Engineering) Austin, TX	2.91%
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RECOMMENDED FIRM: Jacobs Engineering Group, Inc. – Total Participation:

NON M/WBE TOTAL – PRIME	89.89%
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Jacobs Engineering Group, Inc., Austin, TX	89.89%
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MBE TOTAL – SUBCONSULTANTS	7.20%
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African American Subtotal	Unknown
(MB) Mbroh Engineering, Inc., (Computer Aided Design Services, Inspecting, Dallas, TX General/Engineering)	

Hispanic Subtotal	Unknown
(MH) Signature Automation, LLC, (Control Systems Engineering) Addison, TX	

WBE TOTAL – SUBCONSULTANTS	2.91%
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(FW) JRSA Engineering, Inc., Austin, (Electrical Engineering) TX	2.91%
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RECOMMENDED FIRM: Black & Veatch Corp – Total Participation:

NON M/WBE TOTAL – PRIME	89.89%
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Black & Veatch Corp, Austin, TX	89.89%
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MBE TOTAL – SUBCONSULTANTS	7.20%
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Hispanic Subtotal	Unknown
(MH) Civil Team Engineers, LLC, (Civil Engineering, Permitting, Environmental, Cost Austin, TX Estimating)	

<u>Native/Asian Subtotal</u>		<u>Unknown</u>
(MA) Encotech Engineering Consultants, Inc., Austin, TX	(Electrical Engineering, Structural Engineering)	
<u>WBE TOTAL – SUBCONSULTANTS</u>		<u>2.91%</u>
(FW) JRSA Engineering, Inc., Austin, TX	(Control Systems Engineering, Electrical Engineering, Instrumentation Engineering)	2.91%

RECOMMENDED FIRM: Alan Plummer Associates, Inc. – Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>		<u>89.89%</u>
Alan Plummer Associates, Inc., Austin TX		89.89%
<u>MBE TOTAL – SUBCONSULTANTS</u>		<u>7.20%</u>
<u>Native/Asian Subtotal</u>		<u>7.20%</u>
(MA) Encotech Engineering Consultants, Inc., Austin, TX	(Electrical Engineering)	7.20%
<u>WBE TOTAL – SUBCONSULTANTS</u>		<u>2.91%</u>
(FA) KWH Engineering LLC, Dallas, TX	(Electrical Engineering, Instrumentation Engineering)	2.91%

RECOMMENDED FIRM: Signature Automation, LLC – Total Participation:

<u>M/WBE TOTAL – PRIME</u>		<u>97.09%</u>
Signature Automation, LLC, Addison, TX		97.09%
<u>WBE TOTAL – SUBCONSULTANTS</u>		<u>2.91%</u>
(FA) KWH Engineering, LLC, Dallas, TX	(HVAC, Mechanical Engineering)	
(FW) PulseMAC Solutions, LLC, San Antonio, TX	(Panel Install./Maintenance, Programming & Integration, Computer Hardware/Software, Controlling, Indicating, and Measuring Equipment, Electrical Equipment/Supplies)	

FSD-Capital Contracting
Evaluation of Consultant Qualifications

**COMPOSITE
EVALUATION MATRIX**

Received: 7-Feb-22

Project: CLMP329 - 2022 Austin Water SCADA Services Rotation List

Project Manager: Dan Fredine

Firm (or Joint Venture)	Item 1	Item 2	Item 3a	Item 3b	Item 4			Item 5	Item 6	Item 7	Item 8	TOTAL POINTS	RANK
	[Yes or No]	[Yes or No]	[10]	[20]	[15]			[15]	[20]	[10]	[10]		
	MBE/WBE Procurement Program	Turned in all Required Documents	Team's Structure	Team's 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		
					PMgr {9}	PProf {4}	Pprinc. {2}						
Harutunian Engineering, Inc. (WBE)	Y	Y	9.10	17.70	8.70	3.80	1.80	14.74	19.30	10.00	8.72	93.86	1
CP&Y, Inc.	Y	Y	9.26	17.90	8.00	3.70	1.65	13.60	18.30	9.90	8.33	90.64	2
Arcadis US, Inc.	Y	Y	9.80	17.50	7.80	3.10	1.80	12.60	17.60	9.70	8.33	88.23	3
Jacobs Engineering Group Inc.	Y	Y	9.90	17.40	8.20	3.55	1.70	12.55	16.80	9.10	8.20	87.40	4
Black & Veatch Corp	Y	Y	9.20	14.70	8.05	3.05	1.65	12.20	17.90	9.60	8.33	84.68	5
Alan Plummer Associates, Inc.	Y	Y	8.60	15.60	8.00	3.35	1.75	11.80	16.60	9.10	8.89	83.69	6
Signature Automation, LLC (MBE)	Y	Y	9.50	14.78	7.60	3.35	1.75	13.25	17.10	7.80	8.45	83.58	7
Stanley Consultants, Inc.	Y	Y	8.70	16.18	7.80	2.55	1.70	11.35	15.90	8.50	8.31	80.99	8
Tetra Tech Inc	Y	Y	9.60	17.00	7.05	3.26	1.71	7.45	16.50	8.50	8.45	79.52	9