



**Recommendation for  
Water & Wastewater Commission**

<b>Commission Meeting Date:</b>	March 8, 2017
<b>Council Meeting Date:</b>	March 23, 2017
<b>Department:</b>	Capital Contracting Office
<b>SUBJECT</b>	
<p>Authorize negotiation and execution of a professional services agreement with the following five (5) staff recommended firms (or other qualified responders) for Request for Qualifications Solicitation No. CLMP214: <b>HARUTUNIAN ENGINEERING, INC. (WBE/FW), CH2M HILL ENGINEERS, INC., BLACK AND VEATCH CORP., ARCADIS US, INC., AND CP&amp;Y, INC.</b>, for engineering services for the 2017 Austin Water SCADA Services Rotation List for an estimated period of three years or until financial authorization is expended, with the total amount not to exceed \$5,000,000 divided among the five (5) firms.</p>	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
<p>Funding is available in the Fiscal Year 2016-2017 Capital and/or Operating Budgets of Austin Water.</p>	
<b>Purchasing Language:</b>	Staff recommendation is selection of the 5 most qualified firms out of 10 firms evaluated through the City's qualifications-based selection process.
<b>Prior Council Action:</b>	N/A
<b>For More Information:</b>	Rolando Fernandez, 512-974-7749; Gary Quick, 512-972-0248; Sarah Torchin, 512-974-7141; Denise Avery, 512-972-0104
<b>Boards and Commission Action:</b>	March 8, 2017- 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- (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals or through the achievements of Good Faith 7.62% MBE participation and 2.68% WBE participation.

Austin Water (AW) has in operation a number of 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.

The professional engineering services will include, but not be limited to, the design and construction phase services related to upgrade, modernization and improvement projects associated with AW SCADA Systems. SCADA support services including, but not be limited to; configuration, programming, troubleshooting and installation of the hardware and software associated with the SCADA systems such as; 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 including routers, switches and cabling, and security systems and applications to keep the SCADA Systems secure.

As a standard business practice, the City routinely engages the services of professional engineering firms to perform analysis, design and related support services associated with construction, operation and/or improvements of these mission critical 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, it was reviewed by the City's Rotation List Advisory Committee, which is made up of staff from the Capital Contracting Office, Small and Minority Business Resource Department, and Public Works Department. 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. Upcoming projects are necessary to meet the current and future operational needs of Austin Water. These projects will require external engineering services to properly plan, evaluate, design, and implement.

The existing 2012 SCADA Services Rotation List was established utilizing five (5) firms to provide SCADA engineering services for Austin Water.

The selected firms for the new 2017 SCADA Services Rotation list will provide SCADA Engineering Services for various projects which include, but are not limited to:

- Design and construction phase services of expansion and renovation projects associated with AW SCADA systems,
- SCADA support services including, but not be limited to; configuration, programming, troubleshooting and installation of the hardware and software associated with the SCADA systems, and
- Emergency support services such as, on short notice, to provide assistance in troubleshooting and/or repairing or replacing, failed or malfunctioning equipment and/or applications related to the operations of AW's SCADA Systems.

The total funding authority for the 2017 Austin Water SCADA Services Rotation List is \$5,000,000 with the authority for each of the five (5) firms to be approximately \$1,000,000.

This request allows for the development of a professional services agreement with each

of the 5 recommended firms for an estimated period of 3 years or 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.

A complete solicitation package is on file with the City's Capital Contracting Office and is available on the City's Financial Services Austin Finance Online website.

**TOP RANKED FIRMS:**

HARUTUNIAN ENGINEERING, INC., is located in Austin, TX  
CH2M HILL ENGINEERS, INC., is located in Austin, TX  
BLACK & VEATCH CORP., is located in Austin, TX  
ARCADIS US, INC., is located in Austin, TX  
CP&Y, INC., is located in Austin, TX

**M/WBE Summary – Rotation List**

Notification of issuance of a Request for Qualifications on November 15, 2016 through the City's Vendor Connection web portal which resulted in 1,280 firms receiving notification. 101 firms obtained the solicitation documents and twelve submitted qualifications statements. Proposals were opened on 12/20/2016. 3 of 12 of the firms submitting were certified MBE/WBE firms.

Participation subgoals stated in the solicitation were 7.62% MBE and 2.68% WBE. The recommended firms provided a 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., Austin, TX

(FW) M/WBE TOTAL – PRIME	2.68%
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Harutunian Engineering, Inc., Austin, TX	

MBE TOTAL – SUBCONSULTANTS	7.62%
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African American

(MB) HVJ Associates, Inc., Austin, TX (geotech. - soils; lab and field testing services; boring, drilling, testing and soundings)
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Hispanic

(FH) CADD Studio, Inc., Round Rock, TX (drafting services; computer aided design services)
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(MH) Zamora, LLC, Buda, TX (surveying services; land surveying)

Native/Asian

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering; permitting services, environmental)

**RECOMMENDED FIRM:** CH2M HILL Engineers, Inc., Austin, TX

NON M/WBE TOTAL – PRIME 89.70%

CH2M HILL Engineers, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 7.62%

Hispanic Subtotal

(MH) Signature Automation, LLC, Addison, TX (electrical utility protection & control engineering; electrical engineering; instrumentation engineering)

WBE TOTAL – SUBCONSULTANTS 2.68%

K. Friese and Associates, Inc., Austin, TX (computer aided design services)

**RECOMMENDED FIRM:** Black & Veatch Corporation, Austin, TX

NON M/WBE TOTAL – PRIME 89.70%

Black & Veatch Corporation, Austin, TX

MBE TOTAL – SUBCONSULTANTS 7.62%

Native/Asian Subtotal

(MA) Encotech Engineering Consultants Ins., Austin, TX (control systems engineering; electrical engineering)

(MA) Quality Power LLC, Lakeway, TX (electrical engineering)

WBE TOTAL – SUBCONSULTANTS 2.68%

(FW) Austin CAD Services, Inc., Austin, TX (computer aided design services)

(FW) Dynamic Reprographics, Inc., Austin, TX (copying services)

**RECOMMENDED FIRM:** Arcadis US, Inc., Austin, TX

NON M/WBE TOTAL – PRIME 89.70%

Arcadis US., Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 7.62%

Hispanic Subtotal

(MH) IT Gonzalez Engineers, Austin, TX (surveying services)

WBE TOTAL – SUBCONSULTANTS 2.68%

(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering; control systems engineering)

**RECOMMENDED FIRM:** CP&Y, Inc., Austin, TX

NON M/WBE TOTAL – PRIME 89.70%  
CP&Y, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 7.62%

Native/Asian Subtotal

(MA) Team One Integration, LLC, Carrollton, TX (control systems engineering; instrumentation/engineering; computer aided design services)

WBE TOTAL – SUBCONSULTANTS 2.68%

(FW) LKC Engineering and Sales LLC, Richardson, TX (electrical engineering; engineering services, professional)

## Capital Contracting Office Evaluation of Consultant Qualifications

**COMPOSITE  
EVALUATION MATRIX**

**Received:** 12/20/2016  
**Project:** 2017 Austin Water SCADA Rotation List  
CLMP214  
**Project Manager:** Gary Quick

Firm (or Joint Venture)	Item 1	Item 2	Item 3	Item 4			Item 5	Item 6	Item 7	Item 8	TOTAL POINTS	RANK
	[Yes or No]	[Yes or No]	[10]	[25]			[25]	[20]	[10]	[10]		
	MBE/WBE Procurement Program	Turned in all Required Documents	Team's Structure	Project Manager Project Professional & 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		
			PM [12]	PPro [8]	PPrin [5]							
Harutunian Engineering, Inc. (WBE/FW)	Y	Y	9.60	11.60	8.00	5.00	23.60	19.40	9.60	10.00	96.80	1
CH2M Hill Engineers, Inc.	Y	Y	9.80	11.20	7.80	4.40	23.40	18.30	9.70	10.00	94.60	2
Black & Veatch	Y	Y	9.60	11.20	7.60	4.20	22.10	18.10	9.40	10.00	92.20	3
Arcadis US, Inc.	Y	Y	9.40	10.60	7.20	4.40	21.20	19.00	10.00	9.97	91.77	4
CP&Y, Inc.	Y	Y	9.20	10.00	7.80	4.60	22.30	18.50	9.00	10.00	91.40	5
Tetra Tech	Y	Y	9.40	11.20	7.40	4.40	20.60	17.30	9.60	9.97	89.87	6
EMA ,Inc.	Y	Y	9.60	10.60	7.40	5.00	21.80	16.10	8.20	10.00	88.70	7
Mbroh Engineering, Inc. (MBE/MB)	Y	Y	9.40	11.20	7.20	4.40	17.50	15.90	9.20	9.97	84.77	8
Schneider Engineering, Ltd.	Y	Y	8.20	8.60	5.40	3.40	16.60	12.90	6.80	9.97	71.87	9
Doris USA, Inc.	Y	Y	7.00	6.00	4.00	2.40	14.40	13.40	7.00	9.97	64.17	10
Signature Automation, LLC (MBE/MH)	NON RESPONSIVE											
Brown Engineers, LLC	NON RESPONSIVE											