



## Recommendation for Water & Wastewater Commission

<b>Commission Meeting Date:</b>	January 13, 2016
<b>Council Meeting Date:</b>	January 28, 2016
<b>Department:</b>	Capital Contracting Office
<b>SUBJECT</b>	
<p>Authorize negotiation and execution of a professional services agreement with the following 10 staff recommended firms (or other qualified responders) to Request For Qualifications Solicitation No. CLMP186: <b>AECOM TECHNICAL SERVICES, INC., CH2M HILL ENGINEERS, INC., CAROLLO ENGINEERS, INC., CP&amp;Y, INC., CDM SMITH INC., HDR ENGINEERING, INC., JACOBS ENGINEERING GROUP INC., BLACK &amp; VEATCH CORPORATION, ARCADIS U.S., INC., FREESE &amp; NICHOLS, INC.</b>, for engineering services related to the 2016 Large Scale Water and Wastewater Facilities Engineering Services Rotation List Contracts for an estimated period of three years or until financial authorization is expended, with the total amount not to exceed \$20,000,000 divided among the 10 firms.</p>	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Staff recommendation is selection of the 10 most qualified firms out of 31 firms evaluated through the City's qualifications-based selection process.
<b>Prior Council Action:</b>	N/A
<b>For More Information:</b>	Kevin Critendon, 512-972-0191; Denise Avery, 512-972-0104; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141
<b>Boards and Commission Action:</b>	January 13, 2016- 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 subconsultant participation.

As a standard business practice, the City of Austin routinely engages the services of professional engineering firms to perform analysis, design and related support associated with construction or improvement of City capital assets. Rotation list contracting allows the City of Austin 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 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, Austin Water Utility, 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.

The last Water and Wastewater Facilities Engineering Services Rotation List was established in 2010 utilizing 10 firms and included both large and small projects. The new Water and Wastewater Facilities Engineering Services Rotation List was separated into two rotation lists, one for large scale projects and one for small scale projects. The recommended firms for the 2016 Large Scale Water and Wastewater Facilities Engineering Services Rotation List will provide professional services for facilities engineering projects of a general or routine scope that are large in scale (more than \$200,000 and up to \$1,000,000 in design fees), have a critical schedule, or are of an emergency nature.

Over the next five years, as part of its Capital Improvement Program, The Austin Water Utility currently anticipates spending approximately \$335 million for water treatment and related facility improvements. The Water and Wastewater Facilities Engineering Services Rotation List will provide Austin Water Utility with the necessary engineering support for many of these Capital Improvement Program projects. The following projects are provided as examples of the types of projects that could be assigned using the large scale rotation list.

- Walnut Creek Water and Waste Treatment Plant Sludge Transfer Line
- Springfield Force Main Replacement
- Barton Creek Plaza Lift Station Improvements
- Walnut Creek Water and Waste Treatment Plant Storm water Improvements
- Pearce Lane Lift Station Phase 2 Upgrade and New Force Main
- Ullrich Water Treatment Plant Supervisory Control and Data Acquisition Network Infrastructure Replacement
- Walnut Creek Water and Waste Treatment Plant Headworks Improvements

The total funding authority for the 2016 Large Scale Water and Wastewater Facilities Engineering Services Rotation List is \$20,000,000 with the authority for each of 10 firms to be approximately \$2,000,000.

The funding authority for the current 2010 Water and Wastewater Facilities Engineering Services Rotation List has been expended. A delay in establishing the 2016 Large Scale Water and Wastewater Facilities Engineering Services Rotation List contract would negatively impact facility improvement project delivery schedules.

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

of the 10 recommended firms for an estimated period of three 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 the time of the 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:**

AECOM TECHNICAL SERVICES, INC. is located in Austin, TX

CH2M HILL ENGINEERS, INC. is located in Austin, TX

CAROLLO ENGINEERS, INC. is located in Austin, TX

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

CDM SMITH INC. is located in Austin, TX

HDR ENGINEERING, INC. is located in Austin, TX

JACOBS ENGINEERING GROUP INC. is located in Austin, TX

BLACK & VEATCH CORPORATION is located in Austin, TX

ARCADIS U.S., INC. is located in Austin, TX

FREESE & NICHOLS, INC. is located in Austin, TX

**M/WBE Summary – Rotation List**

Notification of issuance of a Request for Qualifications on August 24, 2015 through the City's Vendor Connection web portal resulted in 1830 firms receiving notice. The solicitation was obtained by 159 firms and 31 submitted qualification statements. None of the firms were certified MBE/WBE firms.

Participation subgoals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Native/Asian; and 15.80% WBE. The recommended firms each 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:** AECOM TECHNICAL SERVICES, INC., Austin, TX

Total Participation:

NON M/WBE TOTAL – PRIME

68.40%

AECOM Technical Services, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANT

**15.80%**

African American Subtotal

1.90%

(MB) HVJ Associates, Austin, TX (Geotechnical engineering)

Hispanic Subtotal

9.00%

(FH) Macias & Associates, LP, Austin, TX (surveying services, global positioning system services aerial photogrammetry services, CAD services, mapping services, drafting services, utility locator services)

(MH) Jose I Guerra, Inc., Austin, TX (engineering services, mechanical engineering))

Native/Asian Subtotal 4.90%

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, permitting services)

(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumental engineering)

**RECOMMENDED FIRM:** CH2M HILL ENGINEERS, INC., Austin, TX

Total Participation:

NON M/WBE TOTAL- PRIME 68.40%

CH2M Hill Engineers, Inc. Austin, TX

MBE TOTAL – SUBCONSULTANTS 15.80%

African American Subtotal 1.90%

(MB) HVJ Associates, Austin, TX (Geotechnical soils)

Hispanic Subtotal 9.00%

(MH) Garza Bury, LLC, Austin, TX (civil engineering, survey services)

(MH) Signature Automation, LLC, Addison, TX (programming services, control systems engineering, environmental engineering)

(MH) Jaime Beaman AIA, dba Casabella Architects, Austin, TX (architect services)

(MH) Jose I Guerra, Inc., Austin, TX (engineer services, mechanical engineering, electrical engineering)

Native/Asian Subtotal 4.90%

(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) McGray & McGray Land Surveyors, Inc. (surveying, services)

(FW) Hicks & Company, Environmental/Archeological Consultants, Austin, TX (permitting, environmental)

(FW) K. Friese & Associates, Inc., Austin, TX (civil engineering, environmental engineering)

(FW) Susan Roth Consulting, Austin, TX (planning, permitting, construction admin)

**RECOMMENDED FIRM:** CAROLLO ENGINEERS, INC., Austin, TX – Total Participation:

NON M/WBE TOTAL – PRIME 68.40%

Carollo Engineers, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 15.80%

African American Subtotal 1.90%

(MB) HVJ Associates, Austin, TX (Geotechnical soils)

(FB) CPM Consultants, Austin, TX (inspection services, construction management)

Hispanic Subtotal 9.00%

(MH) Garza Bury, Austin, TX (mechanical engineering)

(FH) Macias & Associates, LP, Austin, TX (surveying & subsurface utility engineering, surveying services)

(MH) Negrete & Kolar Architects, Austin, TX (architect services)

Native/Asian Subtotal 4.90%

(MA) JQ Infrastructure, LLC, Dallas, TX, (structural engineering)

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, Permitting services)

(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering)

**RECOMMENDED FIRM:** CP&Y INC., Austin, TX- Total Participation:

NON M/WBE TOTAL – PRIME 68.40%

(MA) Chiang Patel & Yerby Inc./CP&Y Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 15.80%

African American Subtotal 1.90%

(MB) HVJ Associates, Austin, TX (geotechnical soils)

Hispanic Subtotal 9.00%

(FH) Macias & Associates, LP, Austin, TX (surveying services)

(MH) V&A Engineering, Houston, TX (coating systems and corrosion protection)

(MH) Azcarate & Associates Consulting Engineers, LLC, Dallas, TX (engineering services, mechanical engineering)

(MH) GarzaBury, LLC, Austin, TX (engineering services, consulting, management consulting, civil engineering)

Native/Asian Subtotal 4.90%

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, permitting)

(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering)

**RECOMMENDED FIRM:** CDM SMITH, INC., Austin, TX- Total Participation:

NON M/WBE TOTAL – PRIME

CDM Smith Inc., Austin, TX

MBE TOTAL – SUBCONSULTANT 15.80%

African American Subtotal 1.90%

(MB) HVJ Associates, Austin, TX (geotechnical engineering)

Hispanic Subtotal 9.00%

(MH) Garza Bury LLC, Austin, TX (civil engineering)

Native/Asian Subtotal 4.90%

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering, cost estimating, construction management)

(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) Axiom Engineers, Inc., Austin, TX (permitting, environmental, site assessment, civil engineering, drainage engineering)

(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering)

(FW) K2 Partners, LLC, Wimberely, TX (design services, drafting services, reproduction, mapping services)

(FW) Susan Roth Consulting, LLC, Austin, TX (planning, construction administration)

NON M/WBE TOTAL – SUBCONSULTANTS

Garver, LLC, Austin, TX (environmental engineering)

**RECOMMENDED FIRM:** HDR ENGINEERING, INC., Austin, TX

Total Participation:

NON M/WBE TOTAL – PRIME 68.40%

HDR Engineering, Inc., Austin, TX

MBE TOTAL – SUBCONSULTANTS 15.80%

African American Subtotal 1.90%

(MB) Foster CM Group, Inc., Austin, TX (project scheduling)

Hispanic Subtotal 9.00%

(FH) Macias & Associates, LP, Austin, TX (surveying services)

(MH) Aguirre & Fields, LP, Austin, TX (civil engineering, structural engineering)

Native/Asian Subtotal 4.90%

(MA) Encotech Engineering Consultants, Inc., Austin, TX (mechanical engineering, structural engineering)

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering, construction management)

WBE TOTAL – SUBCONSULTANTS 15.80%

(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, permitting services, )

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

(FW) Holt Engineering, Inc., Austin, TX (geotechnical soils)

(FW) MWM DesignGroup, Inc., Austin, TX (surveying services, architectural services, buildings architectural design, building permit services)

**RECOMMENDED FIRM:** JACOBS ENGINEERING GROUP INC., Austin, TX  
Total Participation:

**NON M/WBE – PRIME**

Jacobs Engineering Group Inc., Austin, TX

**MBE TOTAL – SUBCONSULTANTS** **15.80%**

**African American Subtotal** **1.90%**

(MB) HVJ Associates, Inc., Austin TX (geotechnical soils, civil engineering)

**Hispanic Subtotal** **9.00%**

(MH) Jose I Guerra, Inc., Austin TX (engineering services, structural engineering)

(MH) V & A Consulting Engineers, Houston, TX (corrosion control, engineer services, waste water treatment engineering)

**Native/Asian Subtotal** **4.90%**

(MA) Encotech Engineering Consultants, Inc., Austin, TX (mechanical engineering)

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)

**WBE TOTAL – SUBCONSULTANTS** **15.80%**

(FW) Harutunian Engineering Inc., Austin, TX (electrical engineering, instrumentation)

(FW) MWM Design Group Inc., Austin, TX (surveying services, civil engineering)

(FW) Axiom Engineers, Inc., Austin, TX (permitting, environmental, site assessment, drainage engineering)

(FW) Cox McLain Environmental Consulting, Inc., Austin, TX (consulting services, environmental consulting, site assessment)

**NON M/WBE TOTAL – SUBCONSULTANTS**

Cardno, Inc., Round Rock, TX (subsurface utility engineering)

**RECOMMENDED FIRM** : BLACK & VEATCH CORPORATION, Austin, TX  
Total Participation :

**NON M/WBE– PRIME** **68.40%**

Black & Veatch Corporation, Austin, TX

**MBE TOTAL – SUBCONSULTANTS** **15.80%**

**African American Subtotal** **1.90%**

(MB) HVJ Associates, Inc., Austin TX (geotechnical engineering, civil engineering)

**Hispanic Subtotal** **9.00%**

(MH) Jose I Guerra, Inc., Austin TX (civil engineering, structural engineering)

(FH) Macias & Associates, LP, Austin, TX (surveying services)

**Native/Asian Subtotal** **4.90%**

(MA) Gupta & Associates, Inc., Austin, TX (electrical engineering)

(MA) Encotech Engineering Consultants, Inc., Austin, TX (mechanical engineering, civil engineering)

(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering, monitoring services, cost estimating, water wastewater treatment engineering)

<b>WBE TOTAL – SUBCONSULTANTS</b>	<b>15.80%</b>
(FW) MWM Design Group Inc., Austin, TX (civil engineering, monitoring services, cost estimating, water wastewater treatment engineering)	
(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, permitting services)	
<b><u>RECOMMENDED FIRM:</u></b> ARCADIS U.S., INC., Austin, TX- Total Participation:	
<b>NON M/WBE TOTAL – PRIME</b>	<b>68.40%</b>
Arcadis U.S., Inc., Austin, TX	
<b>MBE TOTAL – SUBCONSULTANTS</b>	<b>15.80%</b>
<b>African American Subtotal</b>	<b>1.90%</b>
(MB) HVJ Associates, Austin, TX (geotechnical soils)	
<b>Hispanic Subtotal</b>	<b>9.00%</b>
(MH) Azcarate & Associates Consulting Engineers, LLC, Dallas, TX (mechanical engineering)	
(FH) Macias & Associates, Austin, TX (surveying services)	
<b>Native/Asian Subtotal</b>	<b>4.90%</b>
(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)	
<b>WBE TOTAL – SUBCONSULTANTS</b>	<b>15.80%</b>
(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering)	
(FW) PE Structural Consultants, Austin, TX (structural engineering)	
<b><u>RECOMMENDED FIRM</u></b> : FREESE AND NICHOLS, INC., Austin, TX-	
	Total Participation :
<b>NON M/WBE TOTAL – PRIME</b>	<b>68.40%</b>
Freese and Nichols, Inc., Austin, TX	
<b>MBE TOTAL – SUBCONSULTANTS</b>	<b>15.80%</b>
<b>African American Subtotal</b>	<b>1.90%</b>
(MB) HVJ Associates, Inc., Austin, TX (geotechnical engineering)	
<b>Hispanic Subtotal</b>	<b>9.00%</b>
(MH) V&A Consulting Engineers, Houston, TX (corrosion control, cathodic protection, electrolysis)	
(MH) GarzaBury LLC, Austin, TX (civil engineering)	
<b>Native/Asian Subtotal</b>	<b>4.90%</b>
(MA) CAS Consulting Services Inc., Austin, TX (civil engineering)	
(MA) Encotech Engineering Consultants, Inc., Austin, TX (structural engineering, mechanical engineering,)	
<b>WBE TOTAL – SUBCONSULTANTS</b>	<b>15.80%</b>
(FW) Harutunian Engineering, Inc., Austin, TX (electrical engineering, instrumentation engineering)	



(FW) Baer Engineering and Environmental Consulting, Austin, TX (environmental engineering, permitting services, )

(FW) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying services, global positioning, land surveying)

**Composite**

**Received:** September 23, 2015

**EVALUATION MATRIX**

**Project:** CLMP186, 2016 Large Scale W&WW Facilities Engineering Services RL

**Project Manager:** Kevin Critendon

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 and Project Professional 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]	PProf [8]	PPrin [5]						

AECOM Technical Services, Inc.	Y	Y	9.13	10.88	7.25	4.75	23.88	16.88	9.13	10.00	91.90	1
CH2M Hill Engineers, Inc.	Y	Y	8.50	11.00	6.75	3.63	23.50	18.75	9.25	10.00	91.38	2
Carollo Engineers, Inc.	Y	Y	8.50	10.63	6.88	3.88	24.38	18.00	8.63	10.00	90.90	3
CP&Y, Inc.	Y	Y	9.13	9.88	7.13	4.25	22.50	18.25	9.00	10.00	90.14	4
CDM Smith Inc.	Y	Y	8.38	10.38	5.75	4.13	22.13	17.75	8.75	10.00	87.27	5
HDR Engineering, Inc.	Y	Y	8.63	9.88	7.00	3.50	20.13	17.75	8.50	10.00	85.39	6
Jacobs Engineering Group Inc.	Y	Y	8.50	8.75	6.13	3.75	20.38	17.88	8.25	10.00	83.64	7
Black & Veatch Corporation	Y	Y	8.50	9.38	6.25	3.75	19.63	17.88	8.13	10.00	83.52	8
Arcadis U.S., Inc.	Y	Y	8.00	9.38	5.00	3.63	21.25	16.75	8.88	10.00	82.89	9
Freese and Nichols, Inc.	Y	Y	8.13	9.63	6.63	3.75	19.13	17.25	8.38	9.84	82.74	10
Parsons Water & Infrastructure Inc.	Y	Y	8.38	8.75	6.63	3.75	19.50	17.00	8.25	10.00	82.26	11
Brown & Gay Engineers, Inc.	Y	Y	7.75	9.13	6.75	3.88	19.88	16.75	7.63	10.00	81.77	12
Alan Plummer and Associates, Inc.	Y	Y	7.38	9.50	5.50	3.63	20.00	17.25	8.25	10.00	81.51	13
Atkins North America, Inc.	Y	Y	6.63	9.38	6.25	3.25	19.00	16.50	8.50	10.00	79.51	14

Lockwood, Andrews & Newnam, Inc.	Y	Y	8.00	8.50	5.88	4.00	18.38	16.50	8.25	10.00	79.51	14
Kennedy/Jenks Consultants, Inc.	Y	Y	8.13	8.75	5.50	4.25	18.13	16.50	7.88	10.00	79.14	16
LJA Engineering, Inc.	Y	Y	7.38	8.25	6.38	3.88	17.38	16.38	8.00	10.00	77.65	17
Tetra Tech, Inc.	Y	Y	7.25	6.50	5.63	4.25	19.13	17.50	6.75	9.90	76.91	18
Binkley & Barfield, Inc.	Y	Y	7.25	8.38	5.50	3.38	18.38	15.50	7.25	10.00	75.64	19
Whitman, Requardt & Associates, LLP	Y	Y	6.38	7.88	5.00	3.13	19.13	16.88	6.63	9.90	74.93	20
Weston Solutions, Inc. (WESTON)	Y	Y	7.25	7.88	5.00	3.25	17.50	16.13	7.75	10.00	74.76	21
Garver, LLC	Y	Y	7.88	7.25	5.25	3.13	18.38	15.25	7.25	9.99	74.38	22
Espey Consultants, Inc., dba RPS	Y	Y	7.25	7.38	5.25	3.50	15.63	15.25	7.88	10.00	72.14	23
DCS Engineering, LLC	Y	Y	7.25	8.38	5.00	3.00	16.13	14.50	7.00	9.99	71.25	24
Thonhoff Consulting Engineers, Inc.	Y	Y	6.13	7.88	5.38	3.38	15.63	15.50	6.88	10.00	70.78	25
KCI Technologies, Inc.	Y	Y	7.75	7.75	5.13	3.38	13.38	14.25	6.88	9.99	68.51	26
Cobb, Fendley & Associates, Inc	Y	Y	6.13	7.00	4.75	3.00	15.75	14.25	7.00	10.00	67.88	28
Kalluri Group, Inc.	Y	Y	5.50	7.88	5.50	3.25	14.63	13.75	7.38	9.99	67.88	27
Pape-Dawson Consulting Engineers, Inc. dba Pape-Dawson Engineers, Inc.	Y	Y	7.13	6.88	4.75	3.13	14.13	13.50	7.63	10.00	67.15	29
Malone/Wheeler, Inc.	Y	Y	6.88	6.13	4.25	3.00	13.50	12.50	6.25	10.00	62.51	30
CYMI Industrial, Inc.	NON-RESPONSIVE											