



**Recommendation for  
Water & Wastewater Commission – 19-3108**

<b>Commission Meeting Date:</b>	October 9, 2019
<b>Council Meeting Date:</b>	October 17, 2019
<b>Department:</b>	Public Works Department
<b>Client:</b>	Beverly Mendez, Jules Parrish, Bill Stauber
<b>SUBJECT</b>	
Authorize negotiation and execution of a professional services agreement with CP&Y, Inc., (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLM274 to provide engineering services for Hornsby Bend Biosolids Management Plant Headworks in an amount not to exceed \$750,000.	
<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>	Staff recommendation is the most qualified firm out of six firms evaluated through the City's qualification-based selection process.
<b>Prior Council Action:</b>	
<b>Boards and Commission Action:</b>	October 9, 2019 – 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.

Hornsby Bend Biosolids Management Plant (BMP) Headworks receives wastewater sludge from two offsite wastewater plants (South Austin Regional and Walnut Creek) and an on-site side stream plant. Hornsby Bend BMP processes wastewater sludge by screening, thickening, anaerobically digesting, dewatering and on-site composting.

The current BMP Headworks was constructed in late 1990s. The reinforced concrete structure is original, but the mechanical (screens) and flow meters have been subsequently repaired and/or replaced and are beyond their useful life. The current headworks screens are undersized for peak flows and have the potential to blind requiring costly repairs. The screened flow is directed into a flow equalization tank (FEB). Excess flow during peak flows will enter the FEB without being screened. Additionally, the current BMP Headworks does not have a grit removal system allowing grit to enter the FEB.

The purpose of this project is to remove/demolish the existing headworks and replace it with a new headworks facility. The new headworks will address peak flows and projected higher flow rates, provide grit removal, replace severely corroded equipment and electrical infrastructure, provide accurate incoming flow metering and recording, and address odors.

The consultant shall present and provide a detailed report summarizing their findings based on its investigation and preliminary evaluation. The report will detail the consultant's solution options, budget constraints, cost estimates, recommendations, and a design and construction schedule for the recommended improvements.

The City intends to return to Council to request additional authorization for final design, bidding phase, construction phase, and warranty phase services, utilizing the selected firm to perform these additional services. The amount of authorization requested for the additional services will be determined after the preliminary engineering phase final recommendations are reviewed and approved by the City.

Hornsby Bend Biosolids Management Plant is located within zip code 78725, City of Austin's 2-Mile Extended Territorial Jurisdiction.

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

SECOND RANKED FIRM: Jacobs Engineering Group, Inc is located in Austin, TX

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents](#).

**M/WBE Summary**

Participation subgoals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Asian/Native American and 15.80% WBE. The recommended 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. The Second Ranked 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 number CLMP274, Hornsby Bend Biosolids Management Plant Headworks project, through the City's Vendor Connection web portal. Six firms submitted qualifications statements and responses were opened on July 11, 2019. Of the six submittals received, none of the firms submitting were certified MBE/WBE.

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

<u>NON M/WBE TOTAL – PRIME</u>	<u>58.20%</u>
CP&Y, Inc., Austin, TX	58.20%
<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>15.80%</u>
<u>African American Subtotal</u>	<u>01.90%</u>
(MB) Foster CM Group, Inc., Austin, TX (construction management)	01.90%
<u>Hispanic Subtotal</u>	<u>09.00%</u>
(MH) Azcarate & Associates Consulting Engineers, Inc., Dallas, TX (engineering services)	05.00%
(MH) V&A Consulting Engineers, Inc., Austin, TX (engineering services, Professional)	04.00%
<u>Native/Asian Subtotal</u>	<u>04.90%</u>
(MA) CAS Consulting & Services, Inc., Austin, TX (civil engineering)	04.90%
<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>16.00%</u>
(FW) Baer Engineering and Environmental Consulting, Inc., Austin, TX (permitting services, environmental)	05.00%
(FW) Holt Engineering, Inc., Austin, TX (geotechnical engineering)	02.00%
(FW) LKC Engineering and Sales, LLC dba LKC ES., Richardson, TX (engineering services, professional)	03.00%
(FW) MWM Design Group, Inc., Austin, TX (surveying services)	02.00%
(FW) The Rios Group, Inc., Round Rock, TX (utility locator services)	02.00%
(FW) Smith Turrietta, PLCC dba Susan Turreita Engineering, Austin, TX (cost estimating)	02.00%
<u>NON M/WBE TOTAL – SUBCONSULTANTS</u>	<u>10.00%</u>
Black and Veatch Corp, Austin, TX (wastewater treatment engineering)	10.00%

**SECOND RANKED FIRM:** Jacobs Engineering Group, Inc., Austin TX – Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>68.40%</u>
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Jacobs Engineering Group, Inc., Austin, TX	68.40%
<b><u>MBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>15.80%</u></b>
<b><u>African American Subtotal</u></b>	<b><u>01.90%</u></b>
(MB) HVJ Associates, Inc., Austin, TX (concrete engineering; traffic & transportation engineering)	01.90%
<b><u>Hispanic Subtotal</u></b>	<b><u>09.00%</u></b>
(MH) Garza EMC, LLC dba GarzaEMC, Austin, TX (Management consulting; land development and planning/engineering)	01.00%
(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)	07.00%
(MH), The Rios Group, Inc., Fort Worth, TX (utility locater service/underground)	01.00%
<b><u>Native/Asian Subtotal</u></b>	<b><u>04.90%</u></b>
(MA) CAS Consulting & Svcs, Inc. dba CAS Consulting & Services, Austin, TX (civil engineering)	02.90%
(MA) HVJ South Central Texas, Inc – M&J, Inc, Austin, TX (geotechnical-soils)	02.00%
<b><u>WBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>15.80%</u></b>
(FW) JRSA Engineering, Inc., Austin, TX (electrical engineering)	15.80%

**COMPOSITE  
EVALUATION MATRIX**

**Received: July 11, 2019**

**Project: CLMP274 Hornsby Bend Headworks Improvement**

**Project Manager: Jules Parrish**

Firm (or Joint Venture)	Item 1	Item 2	Item 3a	Item 3b	Item 4			Item 5	Item 6	Item 7	Item 8	SUB TOTAL	TOTAL POINTS	RANK
	[Yes or No]	[Yes or No]	[10]	[20]	[20]			[15]	[15]	[10]	[10]			
	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			
				PMgr [10]	PProf [6]	PPrin [4]								
CP&Y, Inc.	Y	Y	8.48	16.15	8.20	5.42	3.67	13.55	12.68	9.09	8.50	85.73	85.73	1
Jacobs, Engineering Group, Inc.	Y	Y	9.00	17.70	7.00	4.90	3.76	12.05	11.10	8.50	8.20	82.21	82.21	2
CDM Smith, Inc.	Y	Y	7.01	14.30	6.20	5.81	3.25	12.05	11.44	7.93	8.81	76.80	76.80	3
Garver, LLC.	Y	Y	7.31	11.50	8.40	4.40	3.21	13.13	11.96	6.61	8.59	75.11	75.11	4
AECOM Technical Services, Inc.	Y	Y	7.77	13.60	6.38	4.22	2.90	9.90	12.64	7.89	8.52	73.82	73.82	5
Whitman, Requardt & Associates, LLP	Y	Y	7.11	7.10	4.10	4.75	2.83	10.63	11.08	4.76	8.59	60.95	60.95	6