



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	November 17, 2020	COA Strategic Direction:	Health and Environment
Council Meeting Date:	December 10, 2020		
Department:	Capital Contracting Office		
Client:	Charles Celauro, Shay Roalson		
Agenda Item			
Recommend approval to award and execute a construction contract with PGC General Contractors, LLC, for Hornsby Bend Transfer Pump Station and Irrigation System Improvements project in the amount of \$15,875,000 plus a \$1,587,500 contingency, for a total contract amount not to exceed \$17,462,500.			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.			
Purchasing Language:	Lowest responsive bid of three bids received through a competitive Invitation for Bid solicitation.		
Prior Council Action:	N/A		
Boards and Commission Action:	November 17, 2020 — To be reviewed by the Water and Wastewater Commission.		
MBE/WBE:	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 33.38% MBE and 0.94% WBE participation.		

The Hornsby Bend Biosolids Management Plant (BMP) is the primary wastewater sludge processing facility for Austin Water. At Hornsby Bend BMP, wastewater sludge is processed by screening, thickening, anaerobically digesting, dewatering, and on-site composting. Water from the dewatering process is further treated in a side stream wastewater treatment plant and is stored in an on-site system of lagoons, or ponds. Hornsby Bend is permitted by the Texas Commission on Environmental Quality as a non-discharge treatment facility. As a non-discharge facility, all water from sludge processing that is stored in the lagoons must be retained in storage, disposed of on-site by means of irrigation, or transferred to another treatment facility.

The construction of a Transfer Pump Station and rehabilitation and expansion of the existing irrigation system will provide additional irrigation capabilities and the ability to transfer excess flow to South Austin Regional Wastewater Treatment Plant. Improvements will include a new Transfer Pump Station, new center pivot irrigation systems, a new precast electrical and control building, approximately 650 linear feet of 16-inch to 24-inch gravity suction pipe, approximately 14,500 linear feet of 6-inch to 16-inch pressurized distribution pipe, a new electrical load center, and conveyance lines across the Colorado River by Horizontal Directional Drilling.

This item includes the following six allowances:

- The allowance of \$10,000 will be used to address epoxy coating.
- The allowance of \$150,000 will be used to address owner directed bypass pumping of the existing irrigation system.
- The allowance of \$50,000 will be used to address contaminated soil or groundwater testing and removal.
- The allowance of \$150,000 will be used to address riprap.
- The allowance of \$63,000 will be used to address hot mix asphaltic concrete (HMAC) overlay at the existing side stream plant upper road.

The allowance of \$120,000 will be used to address Austin Energy removal of overhead electrical service. An allowance is an amount that is specified and included in the construction contract or specifications for certain items of work whose details are not yet determined at the time of bidding.

This contract will include award of the three following alternate bid items for the replacement and expansion of irrigation equipment and the removal of the Hyacinth Building which is no longer utilized for process treatment:

- An Alternate of \$910,000 will be used for the installation of irrigation center pivot units 1, 2, and 3.
- An Alternate of \$640,000 will be for the installation of Irrigation Center Pivot Unit 4.
- An Alternate of for \$4,150,000 will be used for the demolition of the Hyacinth Building.

An alternate bid is a specified item of the construction work that is priced separately and may be awarded as part of the contract if the bids are within the specified budget.

The site for this work is predominately on plant property which is not accessible to the public. The project is adjacent to the Hornsby Bend Bird Observatory. The construction activities will require a lane closure and detours for the birders. A portion of the work

is south of the plant on Austin Bergstrom International Airport at Crozier Lane. Occasional traffic control and lane closure may be required.

If this project is not approved, the treatment capacity to process sludge from Austin Water's wastewater treatment plants will be insufficient to meet demands.

Due to the potential for unforeseen conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 540 calendar days for completion of this project. This project is located within zip code 78725 in the Extra-territorial Jurisdiction.

PGC General Contractors, LLC is located in Austin, Texas.

MBE/WBE Summary

Public notice was given for this solicitation CLMC774, Hornsby Bend Transfer Pump Station and Irrigation System Improvements, through the City's Vendor Connection web portal. Three bids were received and opened on October 8, 2020. Of the three bids received none of the firms submitting were certified MBE/WBE. PGC General Contractors, LLC submitted the lowest responsive bid including an allowance of \$543,000 and total alternates of \$5,700,000.

	<u>Base Bid</u>	<u>Base Bid + Allowances + Alternates</u>
PGC General Contractors, LLC, Austin, TX	\$9,632,000	\$15,875,000
Matous Construction Ltd, Belton, TX	\$9,877,000	\$16,647,000
Flintco, LLC, Austin, TX	\$11,771,000	\$16,983,170

The contractor's choice of work methodology provides for eleven areas of subcontracting opportunities which are listed below. Project specific subgoals stated in the solicitation were 0.40% African American; 4.71% Hispanic; 1.17% Native/Asian; 0.91% WBE. Total participation estimated on base bid amount:

Base Bid: \$ 9,632,000.00

PRIME	NON M/WBE TOTAL	\$	4,901,100.00	50.88%
	PGC General Contractors, LLC, Austin, TX			
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	MBE TOTALS - SUBCONTRACTORS	\$	3,215,200.00	33.38%
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	<i>African American Subtotal</i>	\$	75,000.00	0.78%
	(MB) CVI Development, LLC, Austin, TX (Site work)	\$	75,000.00	0.78%
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	<i>Hispanic Subtotal</i>	\$	2,960,200.00	30.73%
	(FH) T. Morales Company Electric & Controls, LTD, Florence, TX	\$	2,950,200.00	30.63%
	(Construction, upgrade, wastewater treatment plant)			
	(MH) Environmental Safety Services, LLC, Austin, TX (Erosion control)	\$	10,000.00	0.10%
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	<i>Native/Asian American Subtotal</i>	\$	180,000.00	1.87%
	(MA) Alpha Paving Industries, LLC, Round Rock, TX	\$	180,000.00	1.87%
	(Construction, sidewalk and driveway, (Incl handicapped ramps))			
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	WBE TOTALS - SUBCONTRACTORS	\$	91,000.00	0.94%
	(FH) Melendrez Trucking, LLC, Austin, TX (Hauling services)	\$	75,000.00	0.78%
	(FW) Stephanie Clayton Photography, Austin, TX	\$	16,000.00	0.17%
	(Photography, construction)			
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	NON MBE/WBE TOTALS - SUBCONTRACTORS	\$	1,424,700.00	14.79%
	Techline Pipe, LLC, Hutto, TX (Pipe fittings, misc. (not otherwise classified), pipe, ductile iron, centrifugally cast, mech. join)	\$	750,000.00	7.79%
	United Rentals, Austin, TX (Barricades, traffic, portable)	\$	5,000.00	0.05%
	Commerce Controls, Inc., Novi, MI (Instrumentation,	\$	180,000.00	1.87%
	4LP, LLC, Lacombe, LA (Lightning protection systems)	\$	74,200.00	0.77%
	Shah Systems & Technology Corporation, Austin, TX	\$	157,500.00	1.64%
	(Switchgears and parts, metal, clad)			
	T Morales Co Electric & Controls Ltd, Florence, TX (Electrical)	\$	258,000.00	2.68%

The Contractor submitted an MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Small and Minority Business Resources Department. Second and third low bidder information is provided.

SECOND BIDDER – Matous Construction, Ltd, Belton, TX \$9,877,000
35.71% NON M/WBE prime participation; 0.74% African American; 11.10% Hispanic; 1.75% Native/Asian; 30.73% WBE; 19.98% Non M/WBE subcontractor participation.

THIRD BIDDER – Flintco, LLC, Austin, TX \$11,771,000
49% NON M/WBE prime participation; 0.64% African American; 30.75% Hispanic; 1.40% Native/Asian; 1.18% WBE; 16.53% Non M/WBE subcontractor participation.

Hornsby Bend Transfer Pump Station and Irrigation System Improvements

LOCATION MAP

