

## AGENDA



## Recommendation for Council Action

## AUSTIN CITY COUNCIL

Regular Meeting: August 23, 2018

Item Number: 006

## Capital Contracting Office

Authorize award and execution of a construction contract with Matous Construction, Ltd., for the Hornsby Bend Biosolids Management Plant Thickener Complex Rehab Project in the amount of \$14,840,000 plus a \$1,484,000 contingency, for a total contract amount not to exceed \$16,324,000. [Note: 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 19.71% MBE and 1.16% WBE participation.]

<b>Lead Department</b>	Capital Contracting Office  <b><u>Managing Department(s)</u></b> Public Works Department
<b>Fiscal Note</b>	Funding is available in the Fiscal Year 2017-2018 Capital Budget of Austin Water.
<b>Purchasing Language</b>	Lowest responsive bid of two bids received through a competitive Invitation for Bid solicitation.
<b>For More Information</b>	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov.  NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Aiden Cohen, 512-974-1929, or the Project Manager, Jules Parrish, 512-974-9385.
<b>Council Committee,</b>	August 8, 2018 - recommended by the Water and Wastewater

<b>Boards and Commission Action</b>	Commission on a vote of 8-0 with Commissioner Penn recused and Commissioners Schmitt and Bell absent.
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### **Additional Backup Information:**

The Hornsby Bend Biosolids Management Plant receives all solids generated by Austin's two regional wastewater treatment plants, Walnut Creek and South Austin Regional. These solids are treated by thickening (Thickener Complex), anaerobic digestion, then are dewatered and composted. The Thickener Complex serves as a critical treatment process between the headworks (screening) and the anaerobic digesters.

The current thickening system utilizes Gravity Belt Thickeners. These Gravity Belt Thickeners are beyond their useful life (installed in 1990) and the associated electrical infrastructure is severely corroded and compromised. This construction project replaces the Gravity Belt Thickeners with more advanced centrifuges, a high speed process that uses the force from rapid rotation of a cylindrical bowl to separate wastewater solids from liquid, to ensure long-term thickening reliability and to contain corrosive gasses and odors from the thickening process.

Major benefits resulting from this project will include a significant reduction in the amount of wash water needed, significant odor/hydrogen sulfide gas containment, a safer work environment, and a significant increase to process reliability and infrastructure stability due to the replacement of corroded and aging thickening equipment and its associated electrical infrastructure.

This item includes three allowances totaling \$75,000. The allowance of \$40,000 will be used for miscellaneous concrete surface repair on the interior of the Flow Equalization Basin. The allowance of \$15,000 is included for miscellaneous concrete coating repair on the interior of the Flow Equalization Basin. The allowance of \$20,000 will be used to address unforeseen yard piping accommodations. An allowance is an amount that is specified and included in the construction contract or specifications for a certain item(s) of work whose details are not yet determined at the time of bidding.

There has been no public involvement in this project as all work is planned to be completed on the Hornsby Bend Biosolids Management Plant, which is a considerable distance from surrounding neighborhoods. No public impact is anticipated.

Prompt action is requested on this item to ensure the project moves into the construction phase. Failure to construct this project in a timely manner may result in unplanned thickening equipment and/or electrical failures at the Hornsby Biosolids Management Plant impacting the

facility's ability to process bio-solids.

Due to the potential for unforeseen conditions in rehabilitating aging infrastructure, 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 1,825 calendar days for completion of this project. This project is located within zip code 78725 which is located in the City's Extraterritorial Jurisdiction.

Matous Construction, Ltd., is located in Belton, Texas

Information on this solicitation is available through the City's Austin Finance Online website.

Link: Solicitation Documents

<[https://www.austintexas.gov/financeonline/account\\_services/solicitation/solicitation\\_details.cfm?sid=123370](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=123370)>.