

## AGENDA



## Recommendation for Council Action

## AUSTIN CITY COUNCIL

Regular Meeting: December 7, 2017

Item Number: 022

## Capital Contracting Office

Authorize award and execution of a construction contract with Control Panels USA, Inc., for the Ullrich Water Treatment Plant Administration and Centrifuge SCADA Asset Replacement project in an amount of \$1,660,000 plus a \$166,000 contingency for a total not to exceed \$1,826,000. (Note: This contract will be awarded in compliance with and administered pursuant to City Code Chapter 2-9A [Minority Owned and Women Owned Business Enterprise Procurement Program] by meeting the goals with 10.00% MBE and 1.70% WBE participation.)

District(s) Affected: District 8

<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 or Aiden Cohen, 512-974-1929.

<b>Council Committee, Boards and Commission Action</b>	November 8, 2017 - Recommended by the Water and Wastewater Commission on a vote of 8-0 vote with Commissioner Castleberry off the dais and Commissioners Blanding and Turrieta absent.
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### **Additional Backup Information:**

The Ullrich Water Treatment Plant was constructed in 1969 and is one of three regional water treatment plants that provides drinking water for residents of Austin. Operation of the treatment plant is monitored and controlled by a data acquisition and control computer system. This contract will replace many existing components within the plant's computerized systems that monitor safety, treatment processes, and treatment plant operations. The existing control system equipment is approximately fifteen years old, obsolete, and past the recommended operating lifespan.

This contract includes updates to both hardware and software components of the human machine interfaces computers and the programmable logic controllers systems that interface with the plant's instrumentation. The scope includes installation of equipment panels and instrumentation cabling.

This contract includes an allowance of \$100,000 for repairs to existing fiber optic cable throughout the Ullrich Plant. It is likely that underground cable repairs will be required as new fiber optic connections are constructed and tested. An allowance is an amount specified in the construction contract for certain items of work when specifications have not been determined at the time of bidding.

Since much of the automated systems for data acquisition and SCADA controls are outdated, with some controls no longer functional, a delay in approval of this construction project will have an adverse on operations of one of the City's largest water treatment plans.

All improvements will take place on water treatment plant property and no public impact is anticipated.

Due to the potential for unknown conditions when working in an operating water treatment facility, 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 cost associated with the project.

The contract allows 760 calendar days for completion of this project. This project is located within zip code 78746 (District 8).

Control Panels USA, Inc. is located in Austin, Texas.

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

<[https://www.ci.austin.tx.us/financeonline/vendor\\_connection/solicitation/solicitation\\_details.cfm?sid=116467](https://www.ci.austin.tx.us/financeonline/vendor_connection/solicitation/solicitation_details.cfm?sid=116467)>.