



**Water & Wastewater Commission
Review and Recommendation**

Commission Meeting Date:	November 8, 2017
Council Meeting Date:	December 7, 2017
Department:	Public Works
Client:	Rolando Fernandez, Dan Fredine, Jeff Haasch, and Chris Chen
Agenda Item	
<p>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. (District 8)</p>	
Amount and Source of Funding	
<p>Funding is available in the Fiscal Year 2017-2018 Capital Budget of Austin Water.</p>	
Purchasing Language:	Lowest responsive bid of two bids received through a competitive Invitation for Bid solicitation.
Prior Council Action:	N/A
Boards and Commission Action:	November 8, 2017- 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 9.99% MBE and 1.70% WBE participation.

The Ullrich Water Treatment Plant (Ullrich WTP) was constructed in 1969 and is one of three regional water treatment plants that provides drinking water for the city. Operation of the treatment plant is assisted and largely controlled by a plant-wide computer system. This project has been developed to replace the many existing components within the plant's computerized Data Acquisition and Control System (DACS) that monitors and controls the plant. The existing equipment to be replaced is approximately fifteen years in age, has become obsolete and is past its useful life.

The work in this contract includes phasing out older outdated components of the current DACS and replacing them with current, contemporary software and programming features. Both hardware and software components will be updated in both the Human Machine Interfaces (HMI) computers and the Programmable Logic Controllers (PLC) systems that interface with the plant's instrumentation, and include both equipment panels and instrumentation cabling.

The terms of the contract provide for one allowance of \$100,000 to address potentially needed repairs to existing fiber optic cable banks throughout the Ullrich WTP. It is likely that some repairs to buried underground cable will be required when new connections of hardware and cabling are constructed and tested. An allowance is a funding source for specific use to a degree which cannot be ascertained at the time of bidding.

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.

All improvements will take place inside the facility and are not anticipated to impact the public.

The contract allows 730 calendar days for substantial completion and 760 calendar days for final completion of this project. This project is located within zip code 78746 (District 8). The project is managed by the Public Works Department and the lowest bidder, Control Panels USA, Inc. is located in Austin, Texas.

M/WBE Summary

Public notice was given for this solicitation CLMC660 Ullrich Water Treatment Plant Administration and Centrifuge SCADA Asset Replacement through the City's Vendor Connection web portal, which resulted in 510 contractors receiving notification and 71 contractors obtaining the bid documents. Two bids were received and opened on September 21, 2017.

Of the two bids received neither firm is certified MBE/WBE. Control Panels USA, Inc., submitted the lower responsive bid of two bids received including allowance of \$1,660,000:

	<u>Base Bid</u>	<u>Base Bid + Allowance</u>
Control Panels USA, Inc., Austin, Texas	\$1,560,000	\$1,660,000
Prime Controls, Pflugerville, Texas	\$1,719,500	\$1,819,500

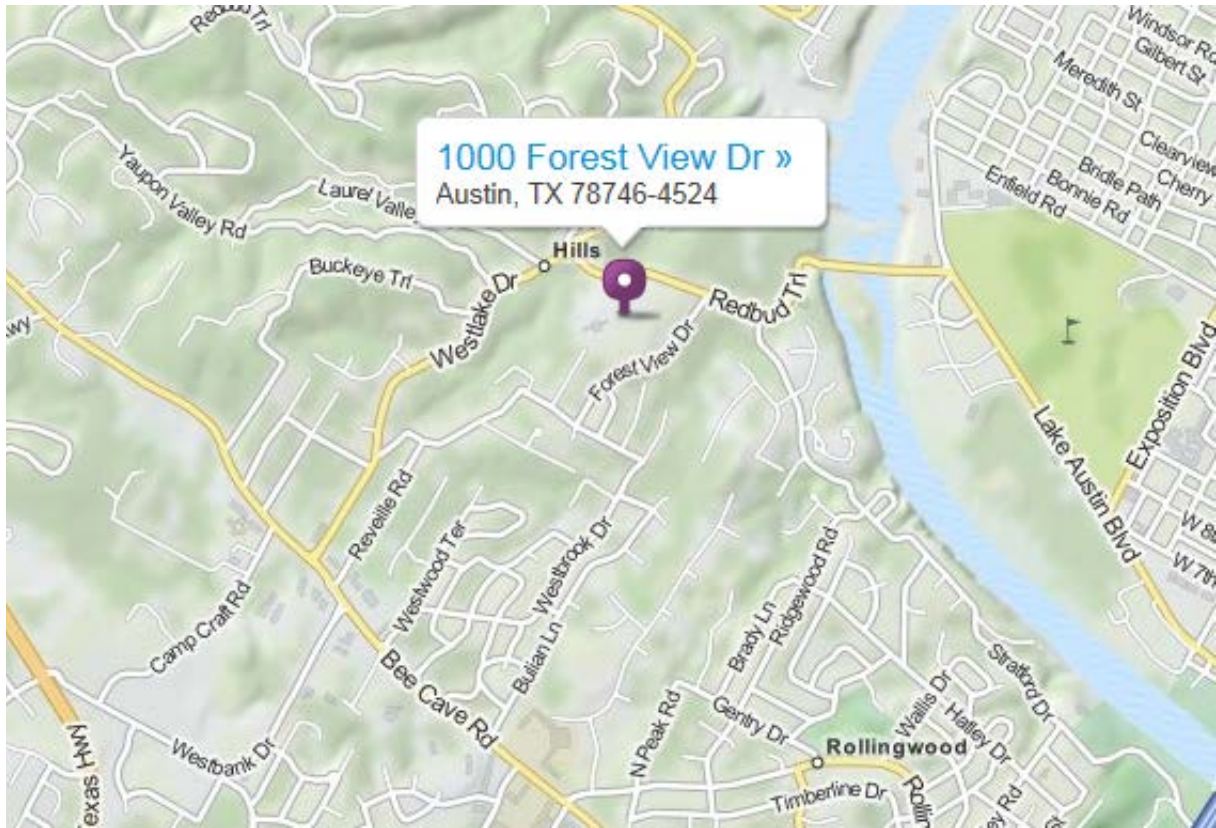
The contractor's choice of work methodology provides for eight areas of subcontracting

opportunities which are listed below. Project specific sub goals stated in the solicitation were 0.43% African American; 1.82% Hispanic; 1.01% Native/Asian; and 1.06% WBE. Total participation estimated on base bid amount of \$1,560,000:

NON M/WBE TOTAL – PRIME	\$1,355,072	86.86%
Control Panels USA, Inc., Austin, TX	\$1,355,072	86.86%
MBE TOTAL – SUBCONTRACTORS	\$155,878	9.99%
<u>African American Subtotal</u>	<u>\$8,558</u>	<u>0.55%</u>
JTE Company, LLC, Pflugerville, TX (elec.enclosure panels)	\$8,558	0.55%
<u>Hispanic Subtotal</u>	<u>\$126,318</u>	<u>8.09%</u>
The Cintman Group, Round Rock, TX (PC hardware & peripherals)	\$7,918	0.50%
T Morales Co Electric & Controls, Ltd, Florence, TX (Water treatment construction & upgrades)	\$118,400	7.59%
<u>Native/Asian Subtotal</u>	<u>\$21,002</u>	<u>1.35%</u>
AWS Communication, Inc., Austin, TX (modems)	\$21,002	1.35%
WBE TOTAL – SUBCONTRACTORS	\$26,450	1.70%
Stephanie Braun Clayton Photography, Austin, TX (construction photos)	\$26,450	1.70%
NON M/WBE TOTAL – SUBCONTRACTORS	\$22,600	1.45%
Roadway Specialties, Inc., Austin, TX (silt fencing and fence install & repair)	\$8,000	0.51%
T Morales Co Electric & Controls, Ltd, Florence, TX (electrical)	\$14,600	0.94%

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

SECOND BIDDER - Prime Controls, Pflugerville, Texas \$1,819,500
60.70% NON M/WBE; 1.19% African American; 6.89% Hispanic; 1.05% Native/Asian;
and 1.12% WBE; 29.05% Non M/WBE subcontractor participation



ULLRICH WATER TREATMENT PLANT

1000 FOREST VIEW DRIVE

AUSTIN, TEXAS 78746

CERTIFIED BID TAB

CITY OF AUSTIN	PROJECT SPONSOR: AWU BID CERTIFICATION & CONTRACT REP: MARYLOU OCHOA	BID OPENING DATE: 9/21/2017 TIME: 2:00P
BID TABULATION	PROJECT MANAGER: OMORUYI EBOMWONYI PROJECT CONSULTANTS: HARUTUNIAN ENGINEERING, INC. DURATION: 760 CAL. DAYS	LOCATION: 505 BARTON SPRINGS RD. SUITE 1045C PRICE EXPIRATION: 120CAL. DAYS LIQUIDATED DAMAGES: \$2,770 P/CAL. DA

PROJECT: ULLRICH WTP ADMINISTRATION & CENTRIFUGE SCADA ASSET REPLACEMENT	SUB ID# 5335.005
BID INVITATION NO: CLMC660	RESPONSES: 2
PROJECT NUMBER(S): 3920 2207 7167	ESTIMATE: \$1,800,000.00

BIDDER(S):	CONTROL PANELS USA INC.	PRIME CONTROLS	
LOCATION:	AUSTIN, TX	PFLUGERVILLE, TX	
GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.	BB	BB	
ADDENDA ACKNOWLEDGED	5	5	
	AMOUNT	AMOUNT	
BASE BID:	\$ 1,560,000.00	\$ 1,719,500.00	
ALLOWANCE #1 EXISTING FIBER OPTIC CABLE REPAIRS	\$ 100,000.00	\$ 100,000.00	
TOTAL BID (INCLUDES BASE BID PLUS SUBTOTAL ALLOWANCES)	\$ 1,660,000.00	\$ 1,819,500.00	

TRUE COPY OF BID TABULATION AS RECEIVED OR
CORRECTED IN ACCORDANCE WITH CONDITIONS
GOVERNING PROPOSALS.
M.O. 10/12/17
CAPITAL CONTRACTING OFFICE DATE
CONTRACT PROCUREMENT DIVISION
CITY OF AUSTIN, TX