



Recommendation for Water & Wastewater Commission

Commission Meeting Date:	July 13, 2016
Council Meeting Date:	August 4, 2016
Department:	Public Works
SUBJECT	
Authorize execution of a construction contract with T MORALES COMPANY ELECTRIC & CONTROLS, LTD (WBE 52.88%) for the Davis Water Treatment Plant Power Distribution Upgrade project, in the amount of \$26,546,800 (base bid + allowance) plus a \$2,654,680 contingency, for a total contract amount not to exceed \$29,201,480. (District 10)	
AMOUNT AND SOURCE OF FUNDING	
Funding is available in the Fiscal Year 2015-2016 Capital Budget of the Austin Water.	
Purchasing Language:	Lowest bid of three bids received.
Prior Council Action:	N/A
For More Information:	Richard Duane, 512-974-7730; Chris Wolter, 512-972-0224; Denise Avery, 512-972-0104; Lucy Bonee, 512-974-7967; Sarah Torchin, 512-974-7141
Boards and Commission Action:	July 13, 2016- 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 14.15% MBE and 53.01% WBE participation

Originally constructed in 1953, the Davis Water Treatment Plant is a critical component of the Austin potable water system, producing potable water for the central, east and north parts of the city. Key functions at the plant are performed by original assets that are far beyond their expected useful life. Although the plant has undergone several process improvements over the years, much of the plant's electrical system has generally not been updated or rehabilitated since the original construction, and has deteriorated due to age and wear. This project will upgrade the electrical services to these process areas and replace outdated equipment. This project has been scoped and designed to improve these integral plant processes with minimal disruption to facility operations, thus significantly extending the useful life of the facility.

Major improvements generally include new 12,470 volt plant service cables from Austin Energy; a new incoming 15-KV substation building; conversion of in-plant distribution voltage from 4,160V to 12,470V; renovation of the chemical area switchgear/distribution; addition of 15-KV dedicated transformers for the Low Service Pump Station; new redundant 15-KV distribution cables and duct bank systems; renovation/upgrade of the plant administration and training buildings distribution system; and renovation of the emergency power distribution system. The project also includes raw water transmission line, chlorine line, and powdered activated carbon (PAC) line renovation.

The project is tentatively scheduled to begin in October 2016 and should be substantially complete in February 2020. Public communication to the affected areas has been continuous and is achieved through a combination of meetings, mailings and a website.

Due to the potential for unforeseen conditions or utility conflicts, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders.

The bid documents include allowances for a security system and lining of an existing raw water transmission line.

The contract allows 1,230 calendar days for substantial completion of this project. This project is located within zip code 78731 (District 10) and managed by the Public Works Department.

T Morales Company Electric & Controls is located in Florence, Texas.

M/WBE Summary

Bid documents were distributed to 4 general contractors. Bids were opened on May 26, 2016. T Morales Company Electric & Controls, LTD submitted the lowest of 3 bids received:

	<u>Base Bid + Allowance</u>
T Morales Company Electric & Controls, LTD. Florence, TX	\$26,546,800
Jay-Reese Contractors, Inc. Dripping Springs, TX	\$29,916,600
CYMI Industrial, Inc. Houston, TX	\$31,815,000

The contractor's choice of work methodology provides for subcontracting opportunities in 29 areas which are listed below. Project specific sub goals stated in the solicitation were 0.57% African American; 1.58% Hispanic; 1.09% Native/Asian American; and 1.95% WBE. Total participation estimated on the base bid amount of \$25,080,000:

WBE TOTAL – PRIME	\$13,262,588	52.88%
T Morales Company Electric & Controls, LTD. Florence, TX	\$13,262,558	52.88%
MBE TOTAL – SUBCONTRACTORS	\$3,548,842	14.15%
<u>African American Subtotal</u>	<u>\$258,466</u>	<u>1.03%</u>
(MB) AusTex Tree Service, LLC, Pflugerville, TX (landscape)	\$19,500	0.08%
(MB) Trini Construction Builder, Inc., Round Rock, TX (erosion control)	\$238,966	0.95%
<u>Hispanic Subtotal</u>	<u>\$2,949,376</u>	<u>11.76%</u>
(MH) Austin Underground, Inc., Lago Vista, TX (sewer & storm drain)	\$2,916,604	11.63%
(MH) Power Quality Engineering, Lago Vista, TX	\$32,772	0.13%
<u>Asian / Native American Subtotal</u>	<u>\$341,000</u>	<u>1.36%</u>
(MA) Shah System Technology Corp., LLC, Austin, TX (fuel oil)	\$162,000	0.65%
(FA) KLP Commercial, LLC, Round Rock, TX (hardwood lumber)	\$179,000	0.71%
WBE TOTAL – SUBCONTRACTORS	\$33,350	0.13%
(FW) Stephanie Braun Clayton, LLC, Austin, TX (construction photography)	\$33,350	0.13%
<u>NON TOTAL – SUBCONTRACTORS</u>	<u>\$8,235,250</u>	<u>32.84%</u>
APAC Texas Inc., Austin, TX (asphalt)	\$48,306	0.19%
Alpha Painting & Decorating, Round Rock, TX (painting)	\$83,000	0.33%
Alpha Insulation & Waterproofing, Round Rock, TX (insulation & waterproofing)	\$77,000	0.31%
Champion Site Preparation Inc., Georgetown, TX (excavation)	\$285,000	1.14%
Commerce Controls Inc., Novi, MI (process controls)	\$849,000	3.39%
CMC Steel Fabricators. Inc., Round Rock, TX (reinforcing steel)	\$115,000	0.46%
Chick Landscaping, Salado, TX (landscaping)	\$175,000	0.70%
CW Oates Masonry, Inc., Georgetown, TX (unit masonry)	\$303,135	1.21%
Ferguson Waterworks, San Antonio, TX (piping and valves)	\$311,000	1.24%
Haywood Baker Inc., Little Elm, TX (construction)	\$236,000	0.94%
Integrity Builders Supply, Lorena, TX (frames, doors & hardware)	\$7,707	0.03%
Jimsco Glass & Window, Inc., Temple, TX (windows)	\$16,950	0.07%
Matous Construction Ltd., Temple, TX (bldg. Construction)	\$4,874,984	19.44%
Metalink Corp, Austin, TX (chain link fencing)	\$8,400	0.03%

Seguin Fabricators, Seguin, TX (miscellaneous steel)	\$160,370	0.64%
Simplex Grinnell LLP, Round Rock, TX (Fire Alarm)	\$29,462	0.12%
Southern Acquisitions LLC, Austin, TX (overhead doors)	\$6,598	0.03%
System Controls & Inst., New Braunfels, TX (instrumentation)	\$258,982	1.03%
Tecta America, Pflugerville, TX (roofing)	\$95,000	0.38%
Texas Air Products Ltd, Austin, TX (louvers)	\$16,682	0.07%
Texas Concrete Materials, Ltd, Round Rock, TX (concrete)	\$135,000	0.54%
Thermal Mechanical, Manor, TX (heating)	\$142,674	0.57%

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


SECOND BIDDER – Jay-Reese Contractors, Inc., Dripping Springs, TX \$29,916,600
45.22% Non-MBE prime participation; 1.76% African American; 2.13% Hispanic; 1.29% Native/Asian; 2.43% WBE; 47.17% Non M/WBE subcontractor participation.

THIRD BIDDER – CYMI Industrial, INC. Houston, TX \$31,815,000
86.10% Non-MBE prime participation; 1.68% African American; 1.60% Hispanic; 0.00% Native/Asian; 1.97% WBE; 8.65% Non M/WBE subcontractor participation.

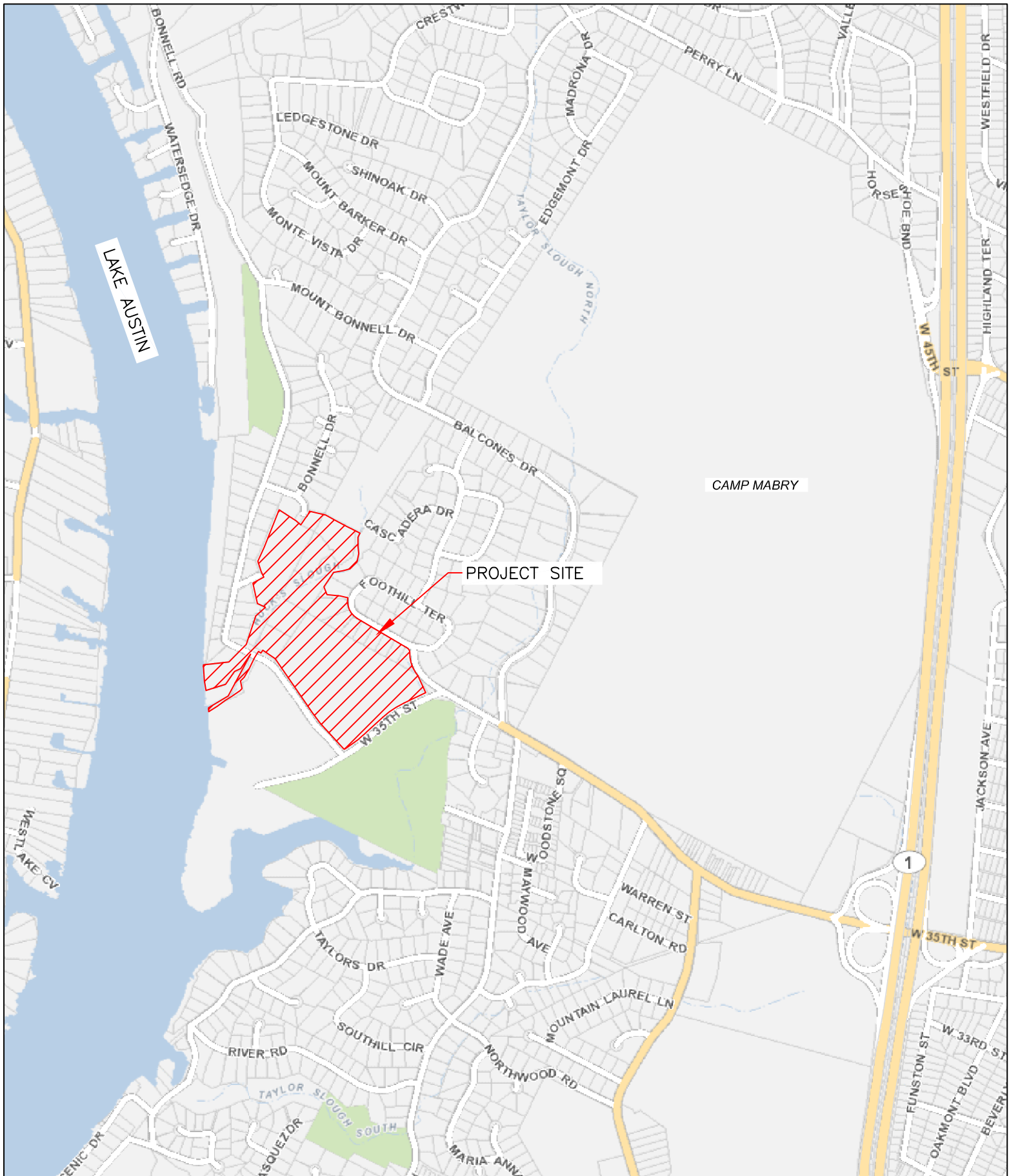
CERTIFIED BID TAB

CITY OF AUSTIN		PROJECT SPONSOR: AWU		BID OPENING DATE: 5/26/2016	
		BID CERTIFICATION: MaryLou Ochoa		TIME: 1:00 PM	
BID TABULATION		AUTHORIZED CONTACT REP: MaryLou Ochoa		LOCATION: 505 Barton Springs Rd., Suite 1045-	
		PROJECT MANAGER: Richard Duane		PRICE EXPIRATION: 120 CAL. DAYS	
		PROJECT CONSULTANTS: Harutunian Engineering, Inc.		LIQUIDATED DAMAGES: \$2,770.00/CAL. DAY	
PROJECT: Davis WTP Power Distribution Upgrade			CIP ID NO.: 2015.006		DURATION: 1290 CAL. DAYS
BID INVITATION NO: CLMC585			ESTIMATED AMOUNT: \$31,402,558.00		
FDU NUMBER(S): 3960 2207 7149			RESPONSES: 3		
BIDDER(S):		T. MORALES COMPANY ELECTRIC & CONTROLS, LTD		JAY-REESE CONTRACTORS, INC.	
LOCATION:		FLORENCE, TX		DRIPPING SPRINGS, TX	
GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.		BB		BB	
ADDENDA ACKNOWLEDGED		3		3	
BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT
1	1	L.S.	CONSTRUCTION OF DAVIS WATER TREATMENT PLANT POWER DISTRIBUTION UPGRADE, IN ACCORDANCE WITH CONTRACT REQUIREMENTS, COMPLETE AND IN PLACE FOR		
				\$ 25,080,000.00	\$ 28,391,000.00
EXCAVATION SAFETY SYSTEMS UNIT PRICES:					
	8,400	IN. FT.	TRENCH SAFETY SYSTEMS	\$ 2.00	\$ 16,800.00
				\$ 9.00	\$ 75,600.00
ALLOWANCES:					
ALLOWANCES #1 SECURITY SYSTEM				\$ 150,000.00	\$ 150,000.00
ALLOWANCES #2 PIPE LINING OF EXISTING RAW WATER TRANSMISSION				\$ 1,300,000.00	\$ 1,300,000.00
SUBTOTAL ALLOWANCES				\$ 1,450,000.00	\$ 1,450,000.00
TOTAL BID (TOTAL BID INCLUDES ALLOWANCES AND EXCAVATION SAFETY SYSTEMS UNIT PRICES, IF APPLICABLE.)				\$ 26,546,800.00	\$ 29,916,600.00

TRUE COPY OF BID TABULATION AS RECEIVED OR
CORRECTED IN ACCORDANCE WITH CONDITIONS
GOVERNING PROPOSALS.


 CAPITAL CONTRACTING OFFICE
 CONTRACT PROCUREMENT DIVISION
 CITY OF AUSTIN, TX

6/10/16
 DATE



A.R. DAVIS WTP
POWER DISTRIBUTION UPGRADE
CITY OF AUSTIN, TEXAS

PROJECT LOCATION



HARUTUNIAN
ENGINEERING
INCORPORATED

TEXAS FIRM REGISTRATION NUMBER F-2408
WWW.HEIWORLD.COM
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
305 EAST HUNTLAND DRIVE SUITE 500
AUSTIN, TEXAS 78752