

A G E N D A



Recommendation for Council Action (CCO)

Austin City Council	Item ID:	60245	Agenda Number	6.
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Meeting Date: August 4, 2016

Department: Capital Contracting Office

Subject

Authorize award and execution of a construction contract with T MORALES COMPANY ELECTRIC & CONTROLS, LTD, for the Davis Water Treatment Plant Power Distribution Upgrade project in the amount of \$25,096,800, plus an allowance of \$1,450,000 and 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 Austin Water.

Fiscal Note

A fiscal note is attached.

Purchasing Language: Lowest responsive bid of three bids received through a competitive Invitation for Bid solicitation.

Prior Council Action:

For More Information: Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Lucy Thompson, 512-974-7967; Richard Duane, 512-974-7730; Chris Wolter, 512-972-0224.

Boards and Commission Action: July 13, 2016 - Recommended by the Water and Wastewater Commission on a vote of 8-0 vote with Commissioners Blanding, Parker, and Penn absent.

Related Items:

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 14.06% MBE and 46.22% WBE participation.

Additional Backup Information

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 This project will upgrade the electrical services to these process areas and replace outdated equipment.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-kilovolt substation within a building; conversion of in-plant distribution voltage from 4160 volt to 12,470 volt; renovation of the chemical area switchgear/distribution; addition of 15-kilovolt dedicated transformers for the Low Service Pump Station; new redundant 15-kilovolt distribution cables and duct banks systems; renovating/upgrading the plant administration and training buildings distribution system; and renovating the emergency power distribution system. The project also includes raw water transmission line renovation and powdered active carbon and chlorine line renovation.

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

This project is scheduled to be constructed in coordination with the ongoing Treated Water Discharge Project. A delay would impact the schedule of both projects.

This item is related to the amendment to the Professional Services Agreement with Harutunian Engineering Inc. for the Davis Water Treatment Plant Power Distribution Upgrade project.

The allowance of \$1,450,000 will be used to address the lining of an existing raw water transmission line and a security system. 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.

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

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

Information on this solicitation, including bid tabulation, is on file with the City's Capital Contracting Office and is available on the City's Financial Services Austin Finance Online website. Link: [Solicitation Documents](#).