

AGENDA



Thursday, April 23, 2009

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION****Item No. 15**

Subject: Authorize execution of a construction contract with T. MORALES COMPANY ELECTRIC AND CONTROLS, LTD, (MBE/FH, 51.94%), Florence, TX., for Walnut Creek Wastewater Treatment Plant Electrical Distribution Improvements, Phase 2 in the amount of \$19,905,650 of which, \$4,217,000 are alternate bid items, plus a \$995,282 contingency, for a total contract amount not to exceed \$20,900,932.

Amount and Source of Funding: Funding is available in the Fiscal Year 2008-2009 Capital Budget of the Austin Water Utility.

Fiscal Note: A fiscal note is attached.

For More Information: Robert Egan 974-7220; Jim Randig 972-0259; Robin Field 974-7064; April Thedford 974-7141

Purchasing Language: Lowest bid of three (3) bids received.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9A of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program) through achievements of Good Faith Efforts with 2.61% MBE and 2.08% WBE subcontractor participation.

Boards and Commission Action: Recommended by the Water and Wastewater Commission.

Prior Council Action: April 8, 1998 – Council approved Consultant Selection for Design and Construction Services for Phase 1; February 10, 2000 – Council approved the Contract for Construction-Electrical Power Distribution System Upgrade; March 22, 2001 – Council approved Change Order #2 to Contract for Construction; October 11, 2001 - Council approved an amendment to Consultant's Contract for Design and Bidding Services for Phase 1; January 2, 2002 – Council approved the Contract for Construction - Phase 1 Electrical Distribution Upgrade.

The City of Austin's Walnut Creek Wastewater Treatment Facility located at 7113 FM 969 was placed in service in 1977 and since then it has been expanded in numerous phases. The Plant is currently permitted to treat an average daily flow of 75 million gallons per day (MGD). The primary electrical power system upgrade is needed to provide reliable power to Walnut Creek Wastewater Treatment Plant. Phase I of the project was successfully completed in 2002 and provided the facility with a new electrical substation and 15,000-volt switchgear.

This project includes a new 8,000 square foot electrical substation building, 15,000-volt switchgear, distribution transformers, feeder cables, and approximately 6550 feet of electrical duct bank for power distribution to the south and west areas of the facility. The project also includes replacement of the 480 volt settled wastewater pump motors with 4160 volt high efficiency motors, new 4160 and 480 volt motor control centers for the process air blower and settled wastewater pumping systems. The project will provide significant energy savings by automating the process air system utilizing dissolved oxygen for blowers control and revamping two of the existing blowers to improve their efficiency. The contract construction duration is 910 calendar days.