

AGENDA



Thursday, May 27, 2010

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION****Item No. 14**

Subject: Authorize negotiation and execution of a construction contract through the LOCAL PURCHASING COOPERATIVE with JOHNSON CONTROLS, INC., Austin, TX, for HVAC Services at the South Austin Regional Wastewater Treatment Plant in an amount of \$238,800 plus a contingency of \$23,880, for a total contract amount not to exceed \$262,680.

Amount and Source of Funding: Funding is available in the Fiscal Year 2009 - 2010 Capital Budget of the Austin Water Utility.

Fiscal Note: A fiscal note is attached.

For More Information: Lauren Tracey 972-0230; Frank Mays 974-7051; April Thedford 974-7141

Purchasing Language: Cooperative Purchase through the LOCAL PURCHASING COOPERATIVE. Johnson Controls, Inc. is an approved vendor/contractor through the competitive procurement process authorized by Texas Statute, Local Government Code, Chapter 271, Subchapter F.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9D of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program). This contract is a Cooperative Purchase; therefore, it is exempted under Chapter 791 of the Texas Local Government Code and no goals were established for this solicitation.

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

The South Austin Regional Wastewater Treatment Plant (SARWWTP)'s Train A Preliminary Treatment Building provides the first stage of treatment for wastewater entering Treatment Train A. The raw wastewater which enters the building carries with it high concentrations of Hydrogen Sulfide (H₂S). H₂S is corrosive and poses a health hazard to plant staff if not properly ventilated. Ventilation in this building is provided by eight duct headers and fans – four on each level of the building. The fans were replaced in 2000 and are considered to be in good condition per plant staff. The ducting, however, has suffered such extensive corrosion that it is no longer able to effectively supply ventilation to the building. This has resulted in a buildup of H₂S, rendering the building a potentially hazardous environment to its equipment and the plant staff. Corrosion and flooding has also caused significant damage in the MCC room on the ground level. The drop ceiling in the MCC room is in very poor condition as well. The air conditioning unit in the MCC room has also been rendered ineffective due to corrosion and is no longer cooling the MCC room adequately.

To rehabilitate the HVAC system in the Train A Preliminary Treatment Building, several improvements are required. The corroded duct work will be replaced with stainless steel ducting. Exhaust vents on the second level will be lowered to 18-inches from the floor to provide better ventilation as H₂S is heavier than air. The drop ceiling and air conditioning unit in the MCC room will also be replaced. New insulation will be installed above the drop ceiling to increase the protection for the electrical equipment and the air conditioning unit's coils will be coated to reduce corrosion.

A 10% contingency is included to address any unforeseen issues or complications which may be encountered during the rehabilitation.

Although this is a Cooperative Purchase and no goals were established for the solicitation, the Small Minority Business Resources Department (SMBR) reviewed the project scope and Johnson Controls obtained 67.00% MBE participation for this project.