

## AGENDA



Thursday, April 23, 2009

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

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**Subject:** Authorize execution of a construction contract with NATIONAL POWER RODDING CORPORATION, Chicago, IL, for the Canterbury, Highway, and Bergstrom Sites Shafts and Lateral Repair Project in an amount of \$4,465,197.04 plus a \$446,519.70 contingency, for a total contract amount not to exceed of \$4,911,716.74.

**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:** George Jackson 974-7197; Steven Schrader 703-6635; Robin Field 974-7064; April Thedford 974-7141

**Purchasing Language:** Lowest bid of six (6) 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) by meeting the goals with 4.41 % MBE and 3.77 % WBE subcontractor participation.

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

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The Govalle Wastewater Tunnel was placed into service in 1988 and conveys wastewater generated in central and downtown Austin to the South Austin Regional Wastewater Treatment Plant (SAR WWTP). The Govalle Tunnel is approximately 8 miles long, 96 inches in internal diameter, cast-in-place concrete and is installed at an average depth of 100 feet.

The purpose of this project is to structurally repair the existing shafts and lateral at the Canterbury, Highway and Bergstrom sites to mitigate the impacts of corrosion and prevent future corrosion. A manned inspection of the Govalle Tunnel identified rehabilitation needs for the system. The first Govalle Tunnel System Rehabilitation and Improvements project at the Montopolis Site was substantially complete in 2008. This second Govalle Tunnel System Rehabilitation and Improvements project will be located at the Canterbury, Highway, and Bergstrom sites.

This project includes the structural repair of the three large diameter shafts (access, drop and flume shafts) using cementitious repair followed by application of an epoxy protective coating system. Repair of the Govalle Tunnel Hole, located at Station 272+30 will also be completed as part of this project through filling with a chemical grout, patching with cementitious material, and coating with epoxy. The temporary flow management (bypass pumping) required to divert wastewater flows for the structural repair is also included in this project. Carbon odor control units at all three sites will also be refurbished and replenished with new carbon and support structures for the media. The work also includes implementation of a health and safety plan, site security plan, hazardous area monitoring, and securing of tunneling access in order to complete the structural rehabilitation at the Canterbury, Highway and Bergstrom sites.

A 10% funding contingency has been requested because it is anticipated that extensive corrosion in the shafts and lateral may require additional materials and labor for patch work. The contract allows 400 calendar days for completion of this project.