

AGENDA



Thursday, June 18, 2009

**Contract and Land Management
RECOMMENDATION FOR COUNCIL ACTION**

Item No. 12

Subject: Authorize execution of Change Order #5 to the construction contract with OSCAR RENDA CONTRACTORS, INC., Roanoke, TX, for the ACWP Govalle 2 – Blunn Creek Wastewater Improvements (Re-bid) in the amount of \$906,137.50, for a total contract amount not to exceed \$5,975,857.50.

Amount and Source of Funding: Funding in the amount of \$906,137.50 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 Wells 479-1614; Gopal Guthikonda, P.E. 972-0240; Robin Field 974-7064; April Thedford 974-7141

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 10.52% MBE and 2.66% WBE subcontractor participation to date including this change order.

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

Prior Council Action: December 6, 2007 - Council awarded the construction contract.

This project replaced wastewater lines that had root intrusion, cracks, stormwater infiltration, collapsed pipe, missing pipe, holes, and misaligned joints. This project is part of the Austin Water Utility's Austin Clean Water Program (ACWP), which was developed to respond to the requirements of the Environmental Protection Agency's Administrative Order regarding sanitary sewer overflows.

This project included the installation of 30 linear feet of 6-inch pipe, 1,481 linear feet of 8-inch pipe, 963 linear feet of 12-inch pipe, 2,405 linear feet of 15-inch pipe, and 87 linear feet of 18-inch pipe, which were all installed by open-cut method. The project also included 286 linear feet of 30" FRPMP (Hobas) wastewater pipe that was installed in 42-inch steel encasement by tunneling methods. Creek stabilization improvements for Blunn Creek were also included. Affected streets included Riverside Drive, Alameda Drive, East Monroe Drive, Sunset Trail, and Edgecliff Terrace.

The Notice to Proceed was issued April 21, 2008, with 325 calendar days allowed for substantial completion. The duration was extended by 64 days in the change orders referenced below (1 thru 4). The original project scope is approximately 97% complete with all lines installed and accepting flow. Increased authorization is being requested for unanticipated changes and additional costs due to changed soils conditions, undocumented existing utility conflicts, and redesign of stream bank improvements due to a slope failure near Alameda and Riverside Drive. These factors necessitate additional work as described below:

Undocumented Existing Utility Conflicts

- Line A (Alameda and Sunset): On Alameda near the northern intersection with Sunset Trail, the Contractor encountered a leaking 6-inch water line that halted progress. The Contractor stopped production of the 15-inch wastewater line to fix the leaking water line, resulting in lost productivity. (\$41,100)

- Line A (East Monroe Avenue): While excavating on East Monroe between Travis Heights Boulevard and Alameda, the Contractor struck an unmarked gas line, causing a delay in production of the 15-inch wastewater line. (\$41,100)

- Line C (Riverside at Newning): While excavating in Riverside Drive, the Contractor encountered a 24-inch storm sewer line that was not indicated on the drawings, which necessitated a redesign and a delay in progress. (\$28,500)

Change in Subsurface Conditions

- Line A (Alameda): While excavating for the 15-inch wastewater line, the Contractor encountered and documented a change in subsurface conditions. The subsurface conditions changed to extremely hard rock and the Contractor required an additional 29 days to install 620 linear feet of pipe in the unexpected rock. These conditions were different than what was shown on the record information, and resulted in a significant slow down in production. (\$364,856.80)

Revised Stream Bank Improvements

- Line A (Riverside & Alameda): In late November 2008, the Contractor was excavating for a manhole at the intersection of Riverside and Alameda and encountered significant ground water. The initial dewatering operation was not producing adequate results. In order to avoid discharging silt laden water into Blunn Creek, the team of inspectors from Watershed, Public Works and ACWP directed the Contractor to revise his dewatering operations. The Contractor mobilized quickly to set up a 200-gallon tank with an attached filter fabric bag and added silt fence near the excavation. The tank was placed above the Blunn Creek stream bank and outside of the approved Limits of Construction. The discharge point of this dewatering operation was above the stream bank and the water filtered into the poor soils and caused a portion of the stream bank to break free and slide down into the creek. The creek was immediately cleaned up and temporarily stabilized. The combination of the stream bank slide, the poor condition of the existing soils, and the very steep bank adjacent to the roadway made the planned stream bank improvements inadequate. Coordination with Watershed began shortly thereafter and the stream bank improvements were redesigned to include restoration of this slump area. (\$430,580.70)