

## CIP EXPENSE DETAIL

**DATE OF COUNCIL CONSIDERATION:**  
**CONTACT DEPARTMENT(S):**

3/22/12  
Austin Water Utility

**SUBJECT.** Authorize execution of a construction contract with QUEST CIVIL CONSTRUCTORS TEXAS, LLC, Phoenix, AZ for the Govalle Tunnel Centralized Odor Control Phase I and II project in the amount of \$3,903,422 plus a \$195,171.10 contingency, for a total contract amount not to exceed \$4,098,593.10.

**CURRENT YEAR IMPACT:**

<b>Department:</b>	<b>Austin Water Utility</b>
Project Name:	Govalle Tunnel Centralized Odor Control
Fund/Department/Unit:	4480 2307 8494
Funding Source:	AWU Fund Transfer
Current Appropriation:	5,135,000.00
Unencumbered Balance:	4,399,224.01
Amount of This Action:	<u>(4,098,593.10)</u>
Remaining Balance:	<u>300,630.91</u>
Total Amount of this Action	<u>4,098,593.10</u>

**ANALYSIS / ADDITIONAL INFORMATION:** This project was implemented in October 2010 to address odor complaints received from businesses and residents near the existing Govalle Wastewater Tunnel. This centralized bio-filter odor control facility will reduce the frequency and severity of odors resulting from the escape of foul air from the existing Govalle Wastewater Tunnel. The bio-filter facility will also provide corrosion protection for the existing Govalle Tunnel, shafts and laterals.

The primary portion of the project is located approximately ½ mile north of the E. Ben White Boulevard (Highway 71)/US 183 interchange, within the 78742 zip code in southeast Austin. Specifically, the bio-filter facility will be constructed at 800-814 Patton Avenue, adjacent to the existing Lockheed shaft site. The bio-filter will be composed of a system of underground piping, covered with a gravel layer and topped with a final mulch layer. Air will be pulled from the existing Lockheed tunnel shaft and forced through the bio-filter assembly. Work will also be performed within the existing Montopolis tunnel shaft located within the Roy G. Guerrero Colorado River Park (78741 zip code) to improve flow characteristics within the shaft and increase the efficiency of the odor control system.

The bid documents included two alternate bid items. Based on the pricing received and the additional benefit to the project, Alternate 1 will be included in the contract. This alternate will add dropshaft liner upgrades to the existing Canterbury shaft. The dropshaft liner upgrades will help to improve the hydraulic efficiency of the wastewater system, allowing the centralized odor control unit to perform more effectively. This portion of work is located in the 78702 zip code.

Due to the potential for plan changes and unforeseen conditions, a 5% contingency has been included to allow for the expeditious processing of any change orders.