

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:

9/25/14

CONTACT DEPARTMENT(S):

Austin Water Utility

SUBJECT: Authorize execution of a construction contract with EXCEL CONSTRUCTION SERVICES, LLC, for the Lockheed Rehab & Other Shaft Warranty Inspections project in the amount of \$4,567,000 plus a \$228,350 contingency, for a total contract amount not to exceed \$4,795,350.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Lockheed Rehab & Other Shaft Warranty Inspections
Fund/Department/Unit:	4570 2307 4677
Funding Source:	AWU FY13-14 Capital Budget
Current Appropriation:	2,660,264.00
Unencumbered Balance:	2,434,769.92
Amount of This Action:	<u>(2,224,606.00)</u>
Remaining Balance:	<u>210,163.92</u>
Project Name:	Lockheed Rehab & Other Shaft Warranty Inspections
Fund/Department/Unit:	4570 2307 4678
Funding Source:	AWU FY13-14 Capital Budget
Current Appropriation:	2,629,821.00
Unencumbered Balance:	2,444,815.40
Amount of This Action:	<u>(2,348,576.00)</u>
Remaining Balance:	<u>96,239.40</u>
Project Name:	Lockheed Rehab & Other Shaft Warranty Inspections
Fund/Department/Unit:	4570 2307 4679
Funding Source:	AWU FY13-14 Capital Budget
Current Appropriation:	411,478.00
Unencumbered Balance:	256,475.20
Amount of This Action:	<u>(222,168.00)</u>
Remaining Balance:	<u>34,307.20</u>
Total Amount of this Action	<u><u>4,795,350.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION: 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 Plant. The Govalle Tunnel is an approximately 8 mile-long, 96-inch internal diameter, cast in place concrete tunnel installed at an average depth of 100 feet. A manned inspection of the Govalle Tunnel identified rehabilitation needs for the system. The purpose of this project is to structurally repair the existing shafts and laterals at the at the Lockheed Shaft site location, including conducting warranty inspection and performing minor repairs as necessary at various site locations, to mitigate the impacts of the corrosion and protect against future corrosion. The work includes structural repair of large diameter shafts (the access, drop and flume shafts) and associated laterals at the site using cementitious material. The repair method includes the application of a protective coating system for structural restoration and corrosion resistance. Bypass pumping to divert wastewater flows for structural repair will be required. The work will include implementation of a health and safety plan, site security plan, hazardous area monitoring, and securing tunnel access. Due to the potential for unforeseen damages that may be discovered, a 5% contingency in funding has been included to allow for the expeditious processing of any change orders.