

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

3/22/12
Austin Water Utility

SUBJECT. Authorize negotiation and execution of an amendment to the professional services agreement with CP&Y, INC., Austin, TX, for engineering services for the Walnut Creek Wastewater Treatment Plant (WWTP) Water Resource Initiative (WRI) Tank Assessment & Repairs and High Service Pump Station Improvements project in the amount of \$405,865, for a total contract amount not to exceed \$857,171.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Wcwwtp Wri Tank Assess.& Repair/Hsps
Fund/Department/Unit:	3960 2207 7941
Funding Source:	Commercial Paper
Current Appropriation:	1,040,000.00
Unencumbered Balance:	415,643.35
Amount of This Action:	<u>(405,865.00)</u>
Remaining Balance:	<u>9,778.35</u>
Total Amount of this Action	<u><u>405,865.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION: The Water Resource Initiative (WRI) System, located at the Walnut Creek Wastewater Treatment Plant (WWTP), purifies and stores reclaimed water prior to its transport for beneficial use at sites such as golf courses, parks, the Mueller redevelopment, and the University of Texas. Construction of a 1 million gallon ground storage tank at Walnut started in 2001 and the tank was placed in service in 2003.

Council previously approved authorization for a contract with Chiang, Patel & Yerby, INC. (CP&Y) in an amount not to exceed \$400,000 for professional engineering services for an assessment and remedial design documents to repair the WRI system ground storage tank located in the northeastern part of the Walnut Creek WWTP and to make improvements at the WRI high service pump station to provide reliable service for increased reclaimed water demand. These improvements were undertaken in order to provide reliable service for increased demand for reclaimed water.

The specific nature and scope of the necessary remediation was not known until the assessment was completed. After completion of the assessment, CP&Y was authorized to prepare a Preliminary Engineering Report (PER) for the remedial repair design. The results of the PER showed that the tank, particularly its floor, was in worse condition than anticipated, and replacement of the tank was determined to be a more cost-effective long-term alternative than repair. This amendment will cover design and construction phase services for tank replacement.

This project is managed by the Public Works Department.