

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

1/31/13
Austin Water Utility

SUBJECT. Authorize negotiation and execution of an amendment to the professional services agreement with LOCKWOOD, ANDREWS AND NEWNAM, INC., Austin, TX, for additional engineering design phase services for the Spicewood Springs Pump Station Improvements in an amount not to exceed \$88,000, for a total authorization of \$1,615,559.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Spicewood Sprgs Ps 24 Inch Tm
Fund/Department/Unit:	3960 2207 7295
Funding Source:	Commercial Paper
Current Appropriation:	1,762,511.00
Unencumbered Balance:	1,762,511.00
Amount of This Action:	<u>(88,000.00)</u>
Remaining Balance:	<u>1,674,511.00</u>
 Total Amount of this Action	 <u><u>88,000.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION: The Spicewood Springs Pump Station was originally built in 1969 with improvements made in 1982 and a second building added in 1986. The original solicitation in 2007 anticipated two phases of work – electrical system upgrades and transmission main improvements. This work was accomplished through two separate construction packages.

The electrical system was outdated and has been upgraded to new 4,160-volt gear and motors through an electrical improvement project. This project was designed by Lockwood, Andrews, and Newnam (LAN) under this contract and construction was completed in December 2012.

A second improvement project, at the Spicewood Springs Pump Station, is underway by LAN and will address reported low pressure conditions in the Mesa/Greystone area by installation of transmission main improvements. The transmission main improvements project is currently in design phase. The transmission main portion of the Spicewood Springs Pump Station Improvements Project consists of approximately 1,730 linear feet of 24-inch water main and appurtenances, including a valve vault and pressure sustaining vault and related valves within and adjacent to the Spicewood Springs Pump Station site. The scope of this phase of the project also includes all electrical, instrumentation and controls for pressure monitoring, operation and necessary traffic control. The work will create a new pressure zone which will improve water pressure in all of the Mesa-Greystone service area.

The proposed amendment will provide professional engineering services for additional design and construction phase services for the transmission main improvements. The additional services include design and programming effort associated with instrumentation and control, data acquisition and monitoring for the instruments located at a pressure point site. Due to recent changes in the Austin Water Utility's standard controller for pressure monitoring and control applications, additional programming efforts are needed to ensure a complete, functional pressure monitoring system at the Spicewood Springs Pump Station.

This project is located in zip code 78759. This project is managed by the Public Works Department.