

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:

CONTACT DEPARTMENT(S):

Austin Water Utility

SUBJECT. Authorize negotiation and execution of an amendment to the professional services agreement with CH2M HILL INC., for programming and configuration and additional construction phase and services for the Water Distribution Control System and Lift Station Telemetry Supervisory Control and Data Acquisition (SCADA) System Improvements in the amount of \$1,110,237.35 for a total contract amount not to exceed \$2,100,902.63.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Water Dist Control Sys Replace
Fund/Department/Unit:	3920 2207 7207
Funding Source:	AWU Fund Transfer
Current Appropriation:	2,591,143.00
Unencumbered Balance:	991,116.26
Amount of This Action:	<u>(666,142.41)</u>
Remaining Balance:	<u>324,973.85</u>
Department:	Austin Water Utility
Project Name:	Ls Telemetry-Top End & Com Replacement
Fund/Department/Unit:	4480 2307 8231
Funding Source:	AWU Fund Transfer
Current Appropriation:	1,420,000.00
Unencumbered Balance:	568,771.81
Amount of This Action:	<u>(444,094.94)</u>
Remaining Balance:	<u>124,676.87</u>
Total Amount of this Action	<u><u>1,110,237.35</u></u>

ANALYSIS / ADDITIONAL INFORMATION: The City of Austin commissioned its current Supervisory Control and Data Acquisition Systems (SCADA) for its water distribution system and wastewater collection (lift station telemetry) system in August of 1999 and October of 2000 respectively. The computer hardware and software for these systems, as well as the associated communications equipment and infrastructure, have reached the end of their useful lives. The completed project will result in two SCADA systems sharing common communications infrastructure that will provide the City with a highly reliable means to manage the water distribution and wastewater collections systems that is also easily scalable to accommodate future growth. The project is being implemented in two phases. Phase I replaces the computers and software that are located at the monitoring and control centers. Phase II replaces and/or upgrades the communications equipment and infrastructure that the control centers use to remotely monitor and control the various water pumping and wastewater collection facilities.

To date, the consultant has completed the preliminary engineering and design phase for Phase I of this project. This supplemental amendment will provide for programming and configuration services of the new software to be installed, as well as provides for additional construction phase services needed to complete the Phase I of this project. Phase II is scheduled to start next fiscal year and the engineering services to complete that phase will be requested in a future amendment.

C2HM Hill is located in Austin, TX.