

**CIP
EXPENSE DETAIL**

CONTACT DEPARTMENT(S):

Austin Water Utility

SUBJECT:

Authorize award and execution of a sole source contract with HACH COMPANY for the purchase and installation of turbidity and pH meters and associated control equipment for the Austin Water Utility in a total contract amount of \$197,717.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Davis Wtp - Meter Replacement (Adp)
Fund/Department/Unit:	3920-2207-6470
Funding Source:	AWU Fund Transfer
Current Appropriation:	220,000.00
Unencumbered Balance:	220,000.00
Amount of This Action:	<u>(197,717.00)</u>
Remaining Balance:	<u>22,283.00</u>
Total Amount of this Action	<u><u>197,717.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION:

This contract with HACH Company, Loveland, CO, is for the purchase of 29 units of Filter Trak 660Sc Laser Nephelometer (turbidity and pH meters) that are needed to replace current meters at Davis Water Treatment Plant. The units are over 10 years old and have exceeded their expected useful life of 7 years and intended use.

Turbidity is the measure of relative clarity of a liquid. Cloudiness or haziness of water is caused by large numbers of individual particles that are generally invisible to the naked eye. The meters are used to measure the level of turbidity in water being treated and are integral in the production of treated water. pH measures the acid or base chemistry of the water and is also integral in the production of treated water.

This purchase is necessary for the City to remain in compliance with the Texas Commission on Environmental Quality. HACH Company is the sole manufacturer and distributor within the United States.