

**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 of Filter Trak 660Sc laser Nephelometers (Turbidity Meters) for the Austin Water Utility in a total contract amount of \$112,404.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Removal And Replacement Of 20 Laser Nephelometers
Fund/Department/Unit:	3920 2207 6465
Funding Source:	AWU Fund Transfer
Current Appropriation:	150,000.00
Unencumbered Balance:	150,000.00
Amount of This Action:	(112,404.00)
Remaining Balance:	<u>37,596.00</u>
Total Amount of this Action	<u><u>112,404.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION:

This contract with HACH Company is for the purchase of 20 units of Filter Trak 660Sc Laser Nephelometer (Turbidity Meters) that are needed to replace current meters at Ullrich Water Treatment Plant. The units are over 10 years old and have exceeded their expected useful life of 7 years.

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.

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.