

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

8/8/13
WPD / Purchasing

SUBJECT:

Authorize award and execution of a 36-month requirements supply contract with C.C. LYNCH & ASSOCIATES, INC., for replacement equipment and captive repair parts for the Watershed Protection Department's Water Quality Monitoring system, with one 12-month extension option, for a total contract amount not to exceed \$500,000.

CURRENT YEAR IMPACT:

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|------------------------|------------------------|
| Department: | Watershed |
| Project Name: | Flow Meters |
| Fund/Department/Unit: | 4850 6307 9011 |
| Funding Source: | Drainage Utility Funds |
| Current Appropriation: | 200,000.00 |
| Unencumbered Balance: | 200,000.00 |
| Amount of This Action: | (200,000.00) |
| Remaining Balance: | <u>0.00</u> |

ANALYSIS / ADDITIONAL INFORMATION:

This contract will allow the Watershed Protection Department (WPD) to replace aging equipment in its Water Quality Monitoring System. The City has operated a storm water monitoring program for almost 30 years, employing various types of flow meters from different manufacturers. The City currently operates approximately 35 monitoring sites which include 60 flow meters. The last major purchase of flow meters was in 1999 to meet Y2K compliance. Many of the flow meters are beyond their recommended life and repair costs are continuing to increase. Additionally some of the communication technology in the existing flow meters will become obsolete within 18 months.

The Water Quality Monitoring Program has collected data to support the development of the Comprehensive Watershed Ordinance and Watershed Protection Ordinance, and environmental design criteria. These data are also used to calibrate models which in some cases are required by the City's TPDES municipal separate storm sewer system discharge permit administered by the Texas Commission on Environmental Quality. Over time, WPD has standardized on ISCO/Teledyne product because its capabilities surpass that of any other manufacturer, even to date. Many of the processes developed by WPD to manage and store storm water data are specifically based on the use Teledyne ISCO equipment. Recreating these processes for different types or manufacturers of equipment would result in a significant loss of productivity and multi-year delays in delivering useful data to internal and external customers. Additionally, equipment from other manufacturers would not be compatible with WPD's existing equipment, software databases, and processes. C.C. Lynch is the sole authorized supplier of Teledyne ISCO equipment in Texas.