

CITY OF HIGH POINT

AGENDA ITEM



Title: Sole Source for YSI 6600 V2-4 Multi-parameter Water Quality Loggers

From: Terry Houk – Public Services Director

Meeting Date: September 6, 2016

Public Hearing: N/A

Attachments: Justification from NC State University

PURPOSE:

This equipment is used by Public Services for field remote monitoring of water supply lakes.

BACKGROUND:

The YSI probes are part of a contracted monitoring program conducted by NC State University. It gives real time data on the quality and treatability conditions of water leaving out water supply lakes. The hardware interface provided by YSI is the only acceptable product that will transmit and receive the NC State proprietary software communication and processing protocols that convert the data.

BUDGET IMPACT:

Funds for these parts are available in FY 2016/2017.

RECOMMENDATION / ACTION REQUESTED:

The Public Services Department is recommending that Council approve this purchase to YSI Inc. in the amount of \$34,034.50.

Center for Applied Aquatic
Ecology
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August 18, 2016

To Whom It May Concern:

A sole source justification is requested for the purchase of **2 each YSI, Inc. 6600 V2-4 Multi-parameter Water Quality Loggers** with medium depth sensor, 4 Optical ports, 1 pH/ORP port and a 6560 Conductivity/Temperature probe kit from YSI, Inc. 1700 Brannum Lane, Yellow Springs, OH 45387. The requested instruments are to be replacements for the same type of equipment used in the City of High Point/NCSU Center for Applied Aquatic Ecology City Lake and Oak Hollow Lake monitoring program which are owned by the Center for Applied Aquatic Ecology. These are the only instruments that will interface with current profiler equipment and communications software.

Specific reasons for this request are as follows,

1. The YSI, Inc. 6600 Multiparameter Water Quality Loggers is the only instrument that can be used with the profilers installed on City and Oak Hollow reservoirs. Our RTRM and data acquisition computer software and hardware is now configured for this type of multi-parameter water quality logger. Cables and dataloggers are specific to these sondes.

2. These water quality loggers have field replaceable probes that are easily changed under harsh field conditions in the field, a feature that only YSI, Inc. equipment has. This is necessary feature for the success of our field-monitoring program. This capability allows us to easily switch sensors that we have on hand from one sonde to another giving us little down time. The NCSU-CAAE has an extensive inventory of these sensors that are specific to the 6600 sonde which will save the City of High Point money.

If you required further information or have any questions, please contact me immediately.

Kind Regards,



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