

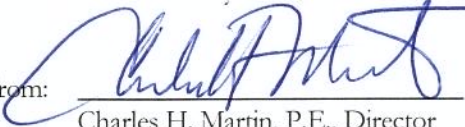


Lexington-Fayette Urban County Government
DEPARTMENT OF ENVIRONMENTAL QUALITY & PUBLIC WORKS

Jim Gray
Mayor

Susan C. Bush
Acting Commissioner

To: Mayor Jim Gray
Urban County Council

From: 
Charles H. Martin, P.E., Director
Division of Water Quality

Via: _____
Susan C. Bush, Acting Commissioner
Department of Environmental Quality & Public Works

Date: November 10, 2011

Re: **Request Approval for the purchase of Allen-Bradley Automation Equipment to upgrade the Blower Control System located at the Town Branch WWTP.**

The Division of Water Quality requests approval for the purchase of **Allen-Bradley Automation Equipment** in order to upgrade the Blower Control System located at the Town Branch Wastewater Treatment Plant. The current control system for these blowers is over 20 years old and needs to be upgraded in order to be compatible with future **SCADA** (Supervisory Control and Data Acquisition) upgrades currently underway at the Town Branch Wastewater Treatment Plant.

RS Logix 5000 Software has already been installed in preparation for the SCADA upgrade, and is currently controlling the Programmable Logic Controllers (PLC's) at several areas of the Treatment Plant including the Headworks, Dewatering and Screw Pump Buildings.

I have included with this request sole source documentation for CED of Lexington through Rockwell Automation, which is the only appointed distributor authorized to sell Allen Bradley and Rockwell Software products in the geographic area in which the Town Branch WWTP is located.

The cost of the upgrade will not exceed \$42,000.00 and is fully budgeted at 4002-303402-0001-91017.

Please contact me at 425-2455 should you have questions or need further information..

Attachment

Pc: Susan C. Bush, Acting Commissioner, Department of Environmental Quality & Public Works
Brian Marcum, Director of Central Purchasing
Mark Stager, Plant Superintendent Town Branch WWTP