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**WATER POLLUTION CONTROL**

**MEMORANDUM**

To: Gregg Mandsager, City Administrator

Cc: Nancy Lueck, Finance Director

From: Roger Kirby, Director WPCP

Date: June 29, 2011

Re: Upgrade of the SCADA systems at the Lift Stations

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**INTRODUCTION:** There is \$30,000 in the Capital Outlay for fiscal year 2010/2011 for upgrade to SCADA systems at two of our lift stations. There is also \$90,000 in the Capital for upgrades to our last three stations in 2011/2012. We have been upgrading these on a regular basis every year instead of doing all twenty one lift stations at once.

**BACKGROUND:** Costs have escalated drastically in the last couple of years and the new cost estimate we received was \$30,000 for each station. We have decided to combine all 5 remaining lift stations into one purchase to obtain a possible price break. We will need to carry forward the \$30,000 from the 2010/2011 Capital outlay and combine it with the \$90,000 for 2011/2012. This gives us a total budgeted amount of \$120,000 for this upgrade.

**RECOMMENDATION/RATIONALE:** We received an attached quote from Electric Pump for \$96,500 for upgrades to all 5 remaining lift stations and also a quote from ICS Healy-Ruff \$90,089 (including the required panel views).

Staff recommends we accept the quote for \$96,500 from Electric Pump even though it is a little higher. The reasons to stay with the Electric Pump quote are: All of the other stations SCADA components are the same as this quote, so we already have existing spare parts; we will not have to run the stations manually during change over; will not require any extra interface modules; and all lift stations and the plant will be utilizing Siemens Technology with which our staff has been trained to operate and use. We were also informed the ICS system could slow down our entire system because of the differences.

Please include this item for the city council meeting on July 7<sup>th</sup>, 2011. Please let me know if you have any questions.