

**COUNCIL ACTION FORM**

**SUBJECT: WPC FACILITY SCADA PHASE II PROJECT**

**BACKGROUND:**

The Water Pollution Control (WPC) Facility completed Phase I of its supervisory control and data acquisition (SCADA) system upgrade in 2008. In January 2010, Council approved an engineering services agreement with Barr Engineering to design Phase II of the SCADA system upgrades, which includes the replacement and expansion of field control elements. Implementation of Phase II elements will further enhance staff's ability to monitor and control the WPC Facility's processes and maintain the facility's long-standing record of regulatory compliance.

Staff has been working with Barr Engineering over the past year to finalize design elements for Phase II of the SCADA system upgrades. Design work for Phase II is now completed and is ready for bidding.

The cost estimate for this project is as follows:

\$ 398,000	Engineer's Construction Estimate
27,200	Design Services
10,000	Construction Inspection Services
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435,200	Subtotal
65,300	15% Contingency
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<b>\$ 500,500</b>	<b>Total</b>

The current year's approved Capital Improvements Plan (CIP) contains \$416,098 for the WPC Facility SCADA Phase II Project. The balance can come from anticipated savings in the FY 2011/12 CIP for the WPC Pump Replacement Project.

**ALTERNATIVES:**

1. Give preliminary approval of the plans and specifications and issue a Notice to Bidders for the WPC Facility SCADA Phase II Project, setting May 12, 2011 as the bid due date and May 24, 2011 as the date of public hearing and contract award.
2. Do not approve plans and specifications or issue Notice to Bidders at this time.

**MANAGER'S RECOMMENDATION:**

Design work for Phase II of the WPC SCADA system is now complete and ready for bidding. Completion of the SCADA Phase II upgrades is necessary to further improve monitoring, record-keeping, and optimization of plant operations and performance.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving plans and specifications for this project and issuing a Notice to Bidders.