

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY SCADA PROJECT**

**BACKGROUND:**

On May 24, 2011, Council approved a contract to Automatic Systems Company for the Water Pollution Control (WPC) facility's Supervisory Control and Data Acquisition (SCADA) Phase II construction. This is an upgrade of the plant control system, and is needed to further improve monitoring, record keeping, and optimization of the WPC facility's operations and performance. Design of this upgrade was performed by Barr Engineering Company of Minneapolis, Minneapolis.

It would be advantageous to retain Barr Engineering Company to perform construction inspection services during the construction phase of this project. Barr proposes to perform these services for the amount of \$47,505, plus \$3,000 for reimbursement of direct project costs. This equates to a total proposed amount of \$50,505, which cannot be exceeded without prior approval from the City.

With this work, an updated cost estimate for this project is as follows:

Construction	\$412,250
Engineering Design Services	27,200
Construction Inspection Services	50,505
<b>Total</b>	<b>\$489,955</b>

With the shifting of available CIP funds authorized by Council on May 24, the available funding for this project is \$496,782. This is sufficient to cover the cost of construction and construction-phase engineering services. Any increase in project costs during construction would need to be covered by savings from other CIP projects or to be authorized from the Sewer Fund available balance.

**ALTERNATIVES:**

1. Award a contract to Barr Engineering Company in an amount not to exceed \$50,505 for construction inspection services during the WPC Facility SCADA Phase II Project.
2. Do not award a contract to Barr Engineering Company, and direct staff to solicit competitive proposals for construction inspection services from qualified engineering firms.

**MANAGER'S RECOMMENDED ACTION:**

The design work and inspection of the work related to major portions of the WPC Facility SCADA Phase II Project are outside of staff's knowledge base. A qualified engineer is required to perform periodic inspection of the contractor's work to ensure that construction is completed in accordance with the project plans. Barr Engineering Company performed the design of the WPC Facility SCADA Phase II Project and, as a result, has an in-depth knowledge of the project requirements. Retaining Barr Engineering Company to perform the construction inspection services would ensure that the project is completed in accordance with the plans and specifications.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving a contract with Barr Engineering Company of Minneapolis, Minnesota in an amount not to exceed \$50,505 for construction inspection services during the WPC Facility SCADA Phase II Project.