

COUNCIL ACTION FORM

SUBJECT: WPC FACILITY RAW WASTEWATER PUMPING STATION PIPE SUPPORTS FOR CHECK VALVE REPLACEMENT

BACKGROUND:

The City's Water Pollution Control (WPC) Facility was constructed in 1989. The existing pipe supports and pump check valves in place at the Raw Wastewater Pumping Station (RWPS) are original to the 1989 construction. Due to the environment present in the pumping station, the pipe supports have become severely corroded and are in need of replacement.

The check valves on the RWPS's four process pumps have reached the end of their useful lives and are beginning to fail. These check valves are needed to ensure that process flows are conveyed to the next step of the treatment process without short-circuiting through pumps that are not running.

On July 24, 2012, Council approved specifications and issued a Notice to Bidders to replace the pipe supports and check valves in the RWPS. Bids were opened for the project on August 15. The pipe supports were identified as the base bid, and check valve replacement was an alternate add item. Two bids were received and are summarized below:

Bidders	Pipe Support Base Bid	Check Valve Add Alternate	Total Project Bid Price
Story Construction Company	\$76,400	\$58,900	\$135,300
Garney Companies, Inc.	\$89,501	\$58,604	\$148,105

The updated project budget following the bid opening is as follows:

Pipe Supports	\$ 76,400
Additional Repairs	2,700
<u>Contingency</u>	<u>12,900</u>
Subtotal	\$ 92,000
 Check Vales	 \$ 58,900
<u>Contingency</u>	<u>8,900</u>
Subtotal	\$ 67,800
 TOTAL	 \$ 159,800

The FY 2011/12 WPC Facility CIP included \$92,000 for pipe support replacement. The check valves are an unanticipated repair. The work was bid together because the projects are in the same building and could be performed by the same contractor. The funding for the project, including the additional authorization requested in an earlier agenda item, is as follows:

FY 2011/12 CIP	\$ 92,000
Additional funding requested earlier tonight	<u>67,800</u>
TOTAL	\$ 159,800

ALTERNATIVES:

1. Award the pipe support and check valve replacement contract to Story Construction Company of Ames, Iowa in the amount of \$135,300.
2. Award only the pipe support replacement contract to Story Construction Company of Ames, Iowa in the amount of \$76,400.
3. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

The WPC Facility's Raw Water Pump Station pipe supports and pump check valves are critical to the operation of the WPC Facility. Failing to address these issues now may result in significant failures in the future that could result in environmental harm.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving issuing award of a pipe support and check valve replacement contract to Story Construction Company of Ames, Iowa in the amount of \$135,300.