

COUNCIL ACTION FORM

SUBJECT: AWARD WATER PLANT RADIO TELEMETRY UPGRADES

BACKGROUND:

The Water Plant monitors and controls all of its remote sites via data telemetry radios. This radio system was originally installed in 1999. Since then, the radios have been replaced, but the original antennas and supporting equipment are still in use. This project will replace the original supporting equipment for all remote data telemetry radios.

On May 14, 2019, City Council approved plans and specifications and issued a Notice to Bidders for the Water Plant Radio Telemetry Upgrades. A total of three bids were received for this contract on June 12, 2019. The apparent low bidder is Jetco, Inc. of Altoona, Iowa, with a total bid price of \$53,200.

Bidder	Lump Sum Bid Amount
Jetco, Inc.	\$ 53,200
<i>Engineer's Estimate</i>	\$ 55,000
Automatic Systems Co.	\$ 97,317
Second Sight Systems, LLC	\$ 99,290

The adopted FY 2019/20 Capital Improvements Plan includes a Wellhead Rehabilitation project. The work is being completed in two separate construction contracts; the Radio Telemetry Upgrade Project (this CAF) and a separate Wellhead Controls and Repainting Project (Notice to Bidders is requested on a separate CAF at the same Council meeting).

Total Project Cost Estimate

Wellhead Controls & Repainting (*separate CAF on this agenda*)

Base bid 5 wells	\$205,000
Optional 2 wells	82,000
<u>25% contingency</u>	<u>72,000</u>
Subtotal	\$359,000

Well Antenna Replacement (*this CAF*)

Construction	\$53,200
<u>10% Contingency</u>	<u>5,300</u>
Subtotal	\$58,500

Total Project Estimate **\$417,500**

Authorized Budget

FY 18/19 CIP (<i>wellhead controls project</i>)	\$370,000
FY 19/20 CIP (<i>well antenna project</i>)	50,000
Total Authorized Funding	\$420,000

ALTERNATIVES:

1. Award the contract to Jetco, Inc. of Altoona, Iowa, in the amount of \$53,200 for radio telemetry upgrades at all remote sites.
2. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

It is in the City's best interest to replace failing equipment when needed to ensure Water Plant personnel can efficiently and effectively monitor and control the remote locations. The adopted FY 2019/20 CIP budget contains a Wellhead Rehabilitation project that includes upgrades to some remote site telemetry equipment. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.