

COUNCIL ACTION FORM

SUBJECT: ACCEPT COMPLETION OF YEAR FIVE OF THE WATER PLANT WELL REHABILITATION CONTRACT

BACKGROUND:

On September 13, 2016, City Council awarded a contract to Northway Well and Pump Company of Waukee, Iowa in the amount of \$75,923 to complete the fifth and final year of a five-year renewable contract for the rehabilitation of drinking water wells. This fifth year of the contract provided for the rehabilitation of five wells. As in previous years, it was recognized that additional well repair work may be required once each well was opened up for rehabilitation. It is generally not possible to know the extent of the repair work until each well was taken out of service for rehabilitation. It was anticipated that change orders would be necessary to pay for additional repair work as the need became known, and the contract includes unit prices for the most common repair items. There were three change orders approved during the course of the Year 5 work.

- On December 21, 2016, Change Order No. 1 was approved by the W & PC Department Director in the amount of \$2,430.00 for replacement of two sections of epoxy coated column pipe for Well No. 26.
- On January 31, 2017 Change Order No. 2 was approved by the W&PC Director in the amount of \$5,159.00 for replacement of one section of epoxy coated column pipe and one epoxy coated pump bowl assembly for Well No. 22.
- On March 20, 2017 Change Order No. 3 was approved by the W&PC Director in the amount of \$1,625.00 for the replacement of the epoxy coated pump motor adapter and the repair of well discharge head for Well No. 12.

The Water Plant operating budget (FY 2016/17) allocated \$76,000 for well cleaning, with an additional \$25,000.00 available for well repair work, as needed, during the well rehabilitations. All work for this year's contract has been successfully completed as of May 11, 2017. An Engineer's Statement of Completion has been filed with the City Clerk.

During this overall five-year contract, a total of 22 wells were cleaned and rehabilitated. This resulted in a total cost of \$326,192.00 for cleaning, with an additional \$75,913.35 for repairs. With the rehabilitation process complete, the average production yield of all 22 wells resulted in a 66% gain.

ALTERNATIVES:

1. Accept final completion of Year Five of the Water Plant well rehabilitation contract in the final amount of \$85,137.
2. Do not accept completion of Year Five of the Water Plant well rehabilitation contract at this time.

MANAGER'S RECOMMENDED ACTION:

Year 5 of the Water Plant well rehabilitation contract has been successfully completed in accordance with the city's plans and specifications. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.



ENGINEER'S STATEMENT OF COMPLETION

Water Plant Well Rehabilitation Project
Contract No. 2012-227

Engineer: Ames Water and Pollution Control Department

Contractor: Northway Well & Pump Company

I hereby certify that the rehabilitation of four drinking water wells, by a contract dated September 13, 2016, has been satisfactorily completed in general compliance with the terms, conditions, and stipulations of said contract.

The work was completed on May 11, 2017.

I further state that the total amount due the contractor for the fulfillment of said contract is \$85,137.00.



Lyle Hammes, P.E., Superintendent
City of Ames Water Treatment Plant

Date: May 22, 2017