

COUNCIL ACTION FORM

SUBJECT: CHANGE ORDER NO. 5 TO CONTRACT FOR FIVE-YEAR WATER TREATMENT PLANT WELL REHABILITATION PROJECT

BACKGROUND:

On June 24, 2008, the Ames City Council awarded a contract to Northway Well and Pump Company of Marion, Iowa in the amount of \$66,130 for completing rehabilitation of four drinking water wells prior to June 30, 2009. This is the second year of a possible 5-year contract. At the time of contract award, staff indicated that additional well repair work may be required in conjunction with the rehabilitation work. It was also noted that the extent of the repair work would not be known until the wells were 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. The Water & Pollution Control Department has authorized change orders 3 & 4 totaling \$12,004.50. Staff has now determined that a fifth change order is needed for repairs to Well No. 18.

During the inspection of the pumping unit from Well No. 18, Northway found that a 10" x 50' non epoxy coated column pipe should be sand blasted and epoxy coated and the 13CM -2 stage pump bowl assembly needs the bearings and wear rings replaced. The cost for this work is \$4,455.75 which along with the previous change orders, exceeds 20% of the original contract and therefore requires Council approval.

The Water Treatment Plant operating budget includes \$65,750 for the well rehabilitation contract and \$70,000 for additional well repairs, as needed. The original contract amount was \$66,130; the total of all change orders to date for well repairs, including this proposed change order #5, total \$16,460.25; leaving \$53,159.75 available in the event additional repairs are necessary to the other wells to be rehabilitated in this year's contract.

ALTERNATIVES:

1. Approve Change Order No. 5 to the current year's Water Treatment Plant Well Rehabilitation Project in the amount of \$4,455.75 for Well No. 18 to sand blast and epoxy coat a 10" x 50' column pipe and replace the bearings and wear rings for the 13CM -2 stage pump bowl assembly.
2. Do not approve Change Order No. 5 to the five-year Water Treatment Plant Well Rehabilitation Project at this time and direct staff to begin planning for replacement of Well No. 18.
3. Do not approve Change Order No. 5 to the five-year Water Treatment Plant Well Rehabilitation Project at this time and allow the capacity of the Southeast Well Field to diminish by the quantity of water available from Well No. 18.

MANAGER'S RECOMMENDED ACTION:

It is in the city's best interest to maintain the capacity of the existing wells for as long as possible and postpone the need to construct new potable supply wells. Adequate funds are available in the operating budget to cover the expense of repairing Well No. 18, allowing the existing well to be returned to service.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving Change Order No. 5 to the current year's Water Treatment Plant Well Rehabilitation Project in the amount of \$4,455.75 for Well No. 18 to sand blast and epoxy coat a 10" x 50' column pipe and replace the bearings and wear rings for the 13CM -2 stage pump bowl assembly.