RESOLUTION 2014-1

Agenda Item

TO: Mayor and City Council

FROM: Mark S. Gaugh, City Manager

DATE: January 6, 2014

RE: Wastewater Plant Rotor Replacement

Issues

The wastewater plant currently operates two oxidation basins as part of the overall treatment process. The air is mixed in with the wastewater to be treated by four rotating shafts containing brushes that do the mixing. The rotor shafts have reached or surpassed their expected life and one of units failed a couple of years ago. This particular rotor shaft failed without warning, as they will do. By replacing this particular rotor, we will have two, nearly new units, with two older units remaining in service. We will most likely have to replace them within the next few years.

Alliance staff, the City and the City's engineering consultant looked at alternative methods of aeration to replace the rotor method. However, due to the depth of the basins, rotors will be the only practical method to accomplish the aeration.

Recommendation

Alliance staff obtained quotes from vendors who can supply this type of equipment. The lowest price of $82,550 was submitted by Fluid Equipment Company of Kansas City. A budget amendment for transfer from reserves will be necessary for this purchase, and funds are available to cover the expense.

Resolution 2014-1

A RESOLUTION FOR THE CITY OF CAMERON, CLINTON AND DeKALB COUNTIES, MISSOURI ACCEPTING A BID FROM FLUID EQUIPMENT COMPANY, KANSAS CITY, MISSOURI FOR A REPLACEMENT ROTOR USED AT THE WASTEWATER TREATMENT PLANT

WHEREAS, One of the oxidation ditch rotors at the City's wastewater treatment plant has failed, due to age and usage; and

WHEREAS, the rotor is an important part of the treatment plant process and is required for proper operation; and

WHEREAS, bids were obtained by Alliance Water Resources, the City's contract operator for the treatment plant, and the lowest quote was from Fluid Equipment Company.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Cameron, Clinton and DeKalb counties, Missouri, as follows:

Section 1. The City Council of the City of Cameron accepts the bid of $82,550 provided by Fluid Equipment Company, located in Kansas City, Missouri.

PASSED AND APPROVED this 6th day of January 2014.

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Mayor Dennis M. Clark

Attest:

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City Clerk/Finance Clerk