RESOLUTION 2017-7

Agenda Item

TO: Mayor and City Council

FROM: Zachary Johnson, Director of Utilities

DATE: March 6, 2017

RE: Wastewater Department Equipment Purchase

Purpose

As part of the 2014 Wastewater Treatment Plant Improvement Project the City addressed the issues with our solids processing. Our existing sludge thickening equipment had reached the end of its useful life and was in need of replacement. It was determined an upgrade to a belt filter press was the most feasible and effective upgrade. This improvement will increases our dewatered sludge from 4% solids to 16% solids, resulting in less volume of solids and therefore more efficient and cost effective disposal. The cost of the press and a truck for land application were included in the project.

Discussion

Our current land application equipment is a 1992 Ag-Chem Terra Gator which is not capable of handling 16% solids. When developing the project budget, $400,000 was allotted for the purchase of a new sludge truck. City Staff has worked with Alliance personnel to evaluate the specific needs for proper land application and reduce overall project costs. HDR evaluated the different vendor capable of providing this equipment and it was determined purchasing a new New Leader bed and a used chassis could reduce costs and still meet our requirements. We were able to work with the local vendor for New Leader to build a truck to match our budget and our needs. By selecting a 10-15 year old truck and a new 14' spreader, we are able to reduce the cost of the new equipment to $99,500.

Recommendation

Staff recommends the Council approve Riggins' proposal for a 2005 International 7400 with a 14' New Leader 5034 bed for the bid price of $99,500. Funds for this purchase were taken into consideration when establishing the 2014 Wastewater Project Budget and reflected in the 2017 City Budget.

Resolution 2017-7

A RESOLUTION FOR THE CITY OF CAMERON, CLINTON AND DeKALB COUNTIES, MISSOURI TO ACCEPT A PROPOSAL FOR A 2005 INTERNATIONAL 7400 WITH A NEW LEADER 5034 COMPOST SPREADER FROM RIGGINS AG SOLUTION GROUP

WHEREAS, the City of Cameron's Wastewater Division owns and operates a treatment facility which produces spreadable compost; and

WHEREAS, the City has recently upgraded plant operations to include a sludge press to reduce the moisture content of said compost; and

WHEREAS, a new sludge truck is necessary and was included in establishing the overall 2014 Wastewater Plant and Distribution Improvement Project budget.

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

Section 1. The Council does hereby accept the bid of $99,500 for a 2005 International 7400 with a 14 ft. New Leader 5034 stainless steel compost spreader bed and hereby awards the bid to Riggins Ag Solutions Group.

Section 2. The City Manager is authorized to sign ancillary documents to effect the transactions.

Section 3. This Resolution shall become effective upon the date of its adoption.

Section 4. The Mayor is authorized to sign this Resolution on behalf of the City of Cameron.

Section 5. The City Clerk is hereby directed to attest to the Mayor's signature.

PASSED AND APPROVED this 6th day of March 2017.

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Mayor Jerri Ann Eddins

ATTEST:

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City Clerk/Finance Clerk