

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	May 8, 2017
	Agenda Item No.	59B
	Roll Call No.	<u>17-798</u>
	Communication No.	<u>17-384</u>
	Submitted by:	Carl Metzger, Deputy City Manager

AGENDA HEADING:

Approving the purchase of one (1) replacement rubber tire tractor backhoe for use by the Sewers Division of the Department of Public Works.

SYNOPSIS:

Recommend approval of the purchase of one (1) replacement John Deere 710K model rubber tire backhoe with equipment accessories per the State of Iowa Department of Administrative Services (DAS) contract 17265/17267 from Murphy Tractor and Equipment Company, (Thomas Udland, President, 5087 NE 46th Avenue, Des Moines, IA 50317) at a total cost of \$214,810.51.

FISCAL IMPACT:

Amount: \$214,810.51

Funding Source: PW247411-55% Sanitary Sewer Maintenance operating budget/ PW247413-45% Storm Sewer Maintenance operating budget.

ADDITIONAL INFORMATION:

- An existing rubber tire tractor backhoe used by the Sewers Division meets replacement criteria and has been approved for replacement by the Fleet Oversight Committee. The City originally acquired the unit in 2007 under competitive bid specifications that yielded a single response due to the unique needs of the Sewers Division.
- The Sewers Division performs critical repairs to both sanitary and storm sewers up to the depth of 20 feet below surface grade. During the construction/repair activities, specific requirements are needed to perform lifting activities with the backhoe. These include activities such as:
 - Lifting and placing shoring
 - Lifting and placing sheeting
 - Lifting and placing pipe sections up to 42-inches diameter by eight (8) feet long
 - Lifting and placing precast barrel sections or precast inlet sections, etc.
- To perform these activities, equipment must meet certain capacity requirements and be highly mobile utilizing rubber tires. Specific requirements that separate the models of manufacturers include:

- Engine Horsepower
 - Front Loader Dump Height
 - Front Bucket Breakout
 - Backhoe Extendable Boom
 - Backhoe Digging Force
- The five (5) main requirements listed above are needed on a rubber tire unit for mobility to be driven on City streets without the need to trailer to and from work locations. A tracked excavator is not acceptable due to the need to drive the unit from location to location. Since only one (1) vendor responded to the competitive bid solicitation in 2007 another unit was replaced utilizing the State of Iowa contract in 2010.
 - Market availability of a rubber tire tractor loader with capacity and functionality has not changed since the time of purchase in 2007 or 2010. A like brand and model is available from the current State of Iowa DAS purchasing contract. Due to increased discounts from the manufacturer compared to 2010 costs, the current contract cost represents a 6% increase during the last seven (7) years.
 - Due to specific needs of the operating division, limited competitive market availability and nominal contract price increases, the recommendation is to award from the State of Iowa DAS contract.

PREVIOUS COUNCIL ACTION(S):

Date: August 23, 2010

Roll Call Number: [10-1392](#)

Action: Bids from the following:

- (F) [Murphy](#) Tractor & Equipment Company (Tom Volland/President) for one (1) replacement rubber tired industrial backhoe and accessories per State of Iowa Department of Transportation (DOT) Contract to be used by the Public Works Department, \$202,613. ([Council Communication No. 10-537](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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