

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	October 22, 2018
	Agenda Item No.	38C
	Roll Call No.	<u>18-1770</u>
	Communication No.	<u>18-516</u>
	Submitted by:	Bob Fagen, Finance Director

AGENDA HEADING:

Approving the purchase of two (2) replacement rubber tire tractor backhoes for use by the Sewers Division of the Department of Public Works.

SYNOPSIS:

Recommend approval of the purchase of two (2) replacement rubber tire tractor backhoes with equipment accessories per the Sourcewell Cooperative Purchasing Agreement contract number 032515-JDC from Murphy Tractor and Equipment Company, (Thomas Udland, President, 5087 NE 46th Avenue, Des Moines, IA 50317) in the amount of \$437,224.

FISCAL IMPACT:

Amount: \$437,224

Funding Source: 55% to FN024853 Sewers Sanitary Equipment Replacement and 45% to FN024855 Sewers Stormwater Equipment Replacement

ADDITIONAL INFORMATION:

- Equipment meeting or exceeding replacement criteria were approved for replacement by the Fleet Oversight Committee and are available from two (2) established cooperative government purchasing contracts Sourcewell and the State of Iowa Department of Administrative Services (IDAS) equipment purchasing contract. Quotes were solicited and compared from each contract. The results are shown in the table below.

Cooperative Purchasing Contract Comparison- Rubber Tired Tractor Backhoe		
Cooperative Purchasing Contract	Contract Holder	Contract cost per unit
Sourcewell	Murphy Tractor and Equipment	\$218,612
IDAS	Murphy Tractor and Equipment	\$219,657

- 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 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. Market availability of a rubber tire tractor loader with capacity and functionality has not changed since the previous purchase in 2017.
- A like brand and model is available from the Sourcewell contract. Due to specific needs of the operating division, limited competitive market availability and lower cost, the recommendation is to award from the Sourcewell contract.

PREVIOUS COUNCIL ACTION(S):

Date: May 8, 2017

Roll Call Number: [17-0798](#)

Action: Bids from the following:

- (B) [Murphy](#) Tractor & Equipment (Thomas Udland, President) for one (1) replacement rubber-tired tractor backhoe and accessories per State of Iowa Contract for use by the Public Works Department Sewer Division, \$214,810.51. ([Council Communication No. 17-384](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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