



Council Communication

Office of the City Manager

Date May 19, 2008

Agenda Item No. 40E
Roll Call No. 08-
Communication No. 08-307
Submitted by: Merrill Stanley, Deputy City
Manager

AGENDA HEADING:

Approving the purchase of four (4) Heavy Duty Trucks, Bid No. V08-077

SYNOPSIS:

Recommend approval to purchase three heavy duty trucks to be used by the Public Works Department for snow and ice control operations and year round scheduled operations and one heavy duty truck with attached mechanical street sweeper for street cleaning operations.

FISCAL IMPACT:

Amount: \$749,798

Funding Source: \$676,508 Master Lease Agreement – Debt Administration, FIN900100, Operating Budget, page 155. \$73,290, CMO010407, Equipment Replacement, Operating Budget, page 89.

ADDITIONAL INFORMATION:

Three existing tandem axle trucks meeting established replacement criteria were identified for replacement with multiple function technologies for snow and ice control and year round material hauling. Two of the trucks being replaced were equipped with a dump box only and limited to material hauling, and were not utilized for snow and ice control operations. Two self propelled mechanical street sweepers exceeding replacement criteria were identified to be replaced with one single axle truck mounted mechanical street sweeper. All four trucks and attachments are expected to have a 10-12 year life cycle. Bids were mailed to 10 area equipment suppliers and chassis dealers. Nine bids were received by Purchasing and evaluated by Fleet Services.

Item 1: 56,000 lb GVW Tandem Axle Truck with existing City-owned hook lift technology installed and snow and ice control attachments

The low compliant bid of \$194,506 was received by O'Halloran International, (James O'Halloran Jr., President), Altoona, Iowa 50009. Alternate bids received by O'Halloran International and Freightliner of Des Moines, (Carl T. Schwab, President), 3601 Adventureland Dr., Altoona, Iowa, 50009 were not compliant to engine, transmission and snow and ice control attachment specifications. A higher compliant bid was received from Peterbilt of Des Moines, (Brad Wilson, President) 3445 Adventureland Dr., Altoona, IA 50009.

Item 2: Two 56,000 lb GVW Tandem Axle Trucks with snow and ice control attachments

The low compliant bid of \$365,000 was received by O'Halloran International. Alternate bids received by O'Halloran International and Freightliner of Des Moines were not compliant to engine, transmission and snow and ice control attachment specifications. A higher compliant bid was received from Peterbilt of Des Moines.

Item 3- 33,000 GVW Truck with mounted mechanical street sweeper

A single bid of \$190,292 was received from Trans-Iowa Equipment Inc. (Eric Thorson), 4607 SE Rio Court, Ankeny, IA 50021. Specifications developed provided the opportunity for other truck chassis suppliers to mount the specified mechanical street sweeping equipment on their chassis. Although only one bid was received for this item, staff recommends approval of the single bid as this equipment will replace two existing self-propelled street sweepers currently in the fleet and represents an overall fleet count reduction with reduced downtime, repair and maintenance costs, and increased productivity.

The units being purchased have diesel engines with minimum horsepower and torque necessary to operate the hydraulic snow and ice control equipment and dump body or street sweeper attachment. They meet the 2007 clean air emissions standards of 50 percent reduction in Nitrogen Oxides (NOx) and a 90 percent reduction in Particulate Matter (PM) or soot compared to the units that are being replaced. These trucks will utilize up to B20 (20% Bio-Diesel) fuel currently in use to further reduce emissions that impact the environment. While the performance of hydraulic operated equipment for snow and ice control is reliant on horsepower and torque, fuel efficiency in future passenger vehicle purchases will continue to provide the best opportunities for gaining fuel efficiencies with smaller or hybrid engines and decreases in the size of vehicles.

PREVIOUS COUNCIL ACTION(S):

Date: January 28, 2008

Roll Call Number: 08-163

Action: [On](#) Supplement C-1 to the City's Master Lease-Purchase Agreement for purchase of various vehicles and equipment for the Public Works Department, not to exceed \$750,000. Moved by Kiernan to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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