



# Council Communication

Office of the City Manager

Date

August 6, 2007

Agenda Item No. 42A

Roll Call No. 07-

Communication No. 07-490

Submitted by: Merrill Stanley, Deputy City Manager

## AGENDA HEADING:

Purchase of eight (8) 39,000 lb gross vehicle weight (GVW) single axle trucks.

## SYNOPSIS:

Recommend approval to purchase eight (8) 39,000 lb gross vehicle weight (GVW) single axle trucks from the low bidder, Truck Country Des Moines, (Brian McCoy, President), 4300 NE 14<sup>th</sup> Street, Des Moines, IA 50313 in the amount of \$1,184,000 with 8 units traded, to be used by the Public Works department for snow and ice control operations and year-round scheduled operations.

## FISCAL IMPACT:

Amount: \$1,184,000

Funding Source: 2007-2008 Operating Budget, Pg. 321, Fund IS201, Org PWK010407, Equipment Replacement Fund

## ADDITIONAL INFORMATION:

Bid No. V08-005 was issued for eight (8) trucks to replace existing trucks in the Public Works Department. Seven bids were mailed and eleven (11) responses were received from three (3) area truck dealerships with multiple body and equipment responses. The trucks being replaced meet recommended replacement criteria as established by the recent fleet study or are units that were originally purchased for uses other than snow and ice control. The bids received are a result of Fleet Services initiated specification development with input from the user divisions and represent a consistent approach of Centralized Fleet Management to increase the utilization of replacement vehicles and equipment and reduce maintenance costs.

The units being purchased have diesel engines that are minimum horsepower and torque necessary to operate the hydraulic snow and ice control equipment and dump body. 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 B5 (5% Bio-Diesel) fuel currently in use and are compatible with B20 (20% bio-diesel) 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.

All trucks are equipped with multi-purpose “hook-lift” technology and will be purchased with dump bodies and material spreaders as recommended in the recent Vehicle and Equipment Optimization Study report increasing the year round utilization of the units. Each truck will also be equipped with a front plow, underbody scraper and wing plow. The resulting bid evaluation and recommendation results in increased fleet consistency by placing eight (8) like truck chassis, with identical bodies, hydraulics, and electronic control systems in the fleet. The trucks being replaced are various makes and models, and have different equipment configurations and control systems.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**