



Council Communication

Office of the City Manager

Date

March 12, 2007

Agenda Item No. 33B

Roll Call No. 07-

Communication No. 07-144

Submitted by: William G. Stowe, Assistant City
Manager/Public Works/Engineering

AGENDA HEADING:

Bid No. V07-078, approving purchase of four (4) automated side-loading refuse trucks in the amount of \$691,936 for use in the Public Works Department.

SYNOPSIS:

Recommend approval to proceed with purchase of four (4) automated side-loading refuse trucks for use in the Public Works Department. The bid proposal was sent to 11 truck dealerships, and bids were received from three companies. The low bid was received from Peterbilt of Des Moines (Brad Wilson, President), 3445 Adventureland Dr. West, Des Moines IA 50009, in the amount of \$691,936 to include trade-in of four (4) units.

FISCAL IMPACT:

Amount: \$691,936

Funding Source: 2007-2008 Operating Budget, Fund EN151, Org PWK100101, Solid Waste Enterprise Fund, page 257

ADDITIONAL INFORMATION:

During the implementation of automated trash collection, the Public Works Department purchased then "state of the art" vehicles to best meet our needs. Three of those units had first generation automated arm assemblies that no longer operate at standards now necessary for the City's automated solid waste collection program. In addition, the online availability of the units being traded has been unsatisfactory due to high maintenance and consequent downtime. One additional unit is being purchased in lieu of a rear-end loader to ensure uninterrupted service in the event of a breakdown of existing equipment. Four units will be traded in, in conjunction with the purchase.

The units being purchased have diesel engines that are minimum horsepower and torque necessary to operate the hydraulic packer body. They also meet the new 2007 clean air emissions standards of 50 percent reduction in Nitrogen Oxides (NO_x) and a 90 percent reduction in Particulate Matter (PM) or

soot compared to the units that are being replaced. These trucks will utilize Bio-Diesel fuel to further reduce emissions that impact the environment.

While the performance of hydraulic packer equipment is reliant on horsepower and torque, fuel efficiency in future passenger vehicle purchases will continue to provide future opportunities for gaining fuel efficiencies with smaller or hybrid engines and decreases in the size of vehicles.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE