



Council Communication

Office of the City Manager

Date

June 18, 2007

Agenda Item No. 51K

Roll Call No. 07-

Communication No. 07-352

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

AGENDA HEADING:

Bid No. V07-078, Approving Purchase of One (1) Automated Side-loading Refuse Truck in the Amount of \$199,859 for Use in the Public Works Department.

SYNOPSIS:

On March 12, 2007, by Roll Call No. 07-468, the City Council approved the low dollar compliant bid for four (4) refuse trucks from Peterbilt of Des Moines. One additional refuse truck is now recommended for purchase following an electrical fire in an existing unit. Peterbilt of Des Moines (Brad Wilson, President, 3445 Adventureland Drive, West Des Moines, IA 50009) has agreed to honor its earlier bid price of \$199,859 from Bid V07-078. Staff recommends approval.

FISCAL IMPACT:

Amount: \$199,859

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

ADDITIONAL INFORMATION:

On May 7, 2007, Solid Waste unit #737 was rendered a 100 percent loss due to an electrical fire. Replacement is required to maintain efficiency in automated Solid Waste collection operations. The Public Works Department and Procurement Manager researched available options for replacement and determined that a competitive bid approved for four similar units in March 2007 could be extended to this unit. The matter was brought to the attention of the City Manager who agreed with staff and directed that use of the earlier bid be presented to Council for approval.

The unit being purchased will have a diesel engine with the minimum horsepower and torque necessary to operate the hydraulic packer body. It will also meet the new 2007 clean air emissions standards of a 50 percent reduction in Nitrogen Oxides (NOx) and a 90 percent reduction in Particulate Matter (PM) or soot compared to the unit that is being replaced. The truck 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 opportunities for gaining fuel efficiencies with smaller or hybrid engines and decreases in the size of vehicles.

PREVIOUS COUNCIL ACTION(S):

Date: March 12, 2007

Roll Call Number: 07-468

Action: [Peterbilt](#) of Des Moines for four (4) replacement automated side loading refuse trucks to be used by the Public Works Department, \$691,936. (Eleven bids mailed, six received). ([Council Communication No. 07-144](#)) Moved by Mahaffey to adopt. Motion Carried 6-1.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE