CITY OF DES MOINES COmmunication Office of the City Manager	Agenda Item No. Roll Call No. Communication No.	43I <u>11-1016</u>
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AGENDA HEADING:

Approving the purchase of two, trailer-mounted, 15-inch wood chippers for use by the Forestry Division of the Public Works Department.

SYNOPSIS:

Recommend approval to purchase two, trailer-mounted, 15-inch drum-style wood chippers from Vermeer Corporation, 1210 Vermeer Road East, Pella, Iowa 50219, in the amount of \$82,916. These units are available on the National Joint Powers Alliance (NJPA) purchase contract. NJPA is a service and purchasing cooperative offering products, equipment and services to government and non-profit agencies. This equipment replaces three existing, smaller 12-inch chippers, thereby reducing the number of chippers maintained by the City. Wood chippers are used in emergency response clean-up and routine scheduled forestry and park operations.

FISCAL IMPACT:

<u>Amount</u>: \$82,916

<u>Funding Source</u>: FY2011-12 Operating Budget, City Manager's Office, Equipment Replacement Fund, IS201, CMO010407, page 55.

ADDITIONAL INFORMATION:

Three existing wood chippers exceeding established replacement criteria were identified for replacement with two larger units. Operating the larger units will result in increased operational efficiencies and safety. This replacement equipment, with all necessary options, is available off the NJPA purchasing contract from Vermeer Corporation. The three units being replaced will be remarketed through auction.

The units being purchased have diesel engines with minimum horsepower and torque necessary to operate units. They meet the 2007 clean air emissions standards for off-road heavy equipment; requirement of 60 percent reduction in Nitrogen Oxides (NOx) and a 65 percent reduction in Particulate Matter (PM), or soot, compared to the units that are being replaced. These units can utilize up to 20% Bio-Diesel (B20) fuel to further reduce emissions that impact the environment.

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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