

**CITY COUNCIL
COMMUNICATION:**

ITEM _____

02-084

**OFFICE OF THE CITY MANAGER
CITY OF DES MOINES, IOWA**

AGENDA:

FEBRUARY 18, 2002

SYNOPSIS -

On December 11, 2001, the City of Des Moines issued bids for a four-wheel drive industrial tractor with backhoe for use in the Public Works Department's Sewer Maintenance Division. Nine invitations to bid were issued, and four responses were received. Both the low and second low bids are not recommended due to non-compliance with specifications in critical areas of performance. As a result, the third low bid from Ziegler, Inc. (William Hoeft, President, 901 West 94th Street, Minneapolis, Minnesota 55420) is considered to be in substantial compliance and is recommended for approval.

SUBJECT:

PURCHASE OF
TRACTOR WITH
BACKHOE

TYPE:

FISCAL IMPACT -

RESOLUTION
ORDINANCE
RECEIVE/FILE

This item will cost \$91,815, and funding is currently available in the City's equipment replacement allocation for sanitary and storm sewer enterprise operations.

SUBMITTED BY:

WILLIAM STOWE
PUBLIC WORKS
DIRECTOR

RECOMMENDATION -

Approval.

BACKGROUND -

The Sanitary and Storm Sewer Maintenance Division of the Public Works Department performs excavations that address storm sewer system breakdowns. A tractor with backhoe unit is required to perform the excavation. The 1990 model currently used in the operation requires replacement due to normal wear and tear.

The Public Works Department issued specifications for a tractor with backhoe under Bid V02-77 on December 11, 2001. Bids were opened on January 2, 2002, and were subsequently reviewed by staff for compliance with equipment specifications. That review revealed the following results:

Low Bid - Rejected

The low bid received from Rueter's for a JCB Model 217 in the amount of \$77,475 after trade allowance is not considered to be responsive to the specifications due to exceptions in the following critical areas of performance-there were 14 exceptions including but not limited to:

Engine Horsepower: 102 hp specified, 92 hp bid

Operating Weight: 19,500 lbs. specified, 18,701 lbs. bid

Torque Converter: 2.09:1 specified, 2.54:1 bid

Front Axle Rating: 21,200 lbs. specified, 12,810 bid

Second Low Bid - Rejected

The second low bid received from Mid-Land Equipment Company for a Case Model 590 Super M in the amount of \$89,111 after trade allowance does not meet specifications due to exceptions in the following critical areas of performance-there were a total of 11 exceptions to the bid including but not limited to:

Engine Horsepower: 102 hp specified, 99 hp bid

Operating Weight: 19,500 lbs. specified, 17,000 lbs. bid

Torque Converter: 2.09:1 specified, 2.63:1 bid

Loader Breakout Force: 12,900 lbs. specified, 10,980 lbs. bid

Backhoe Overall Reach: 29'-11" specified, 27'-2" bid

Third Low Bid - Accepted

The bid from Ziegler, Inc., for a 1998 Caterpillar Model 446B in the amount of \$91,815 after trade allowance is considered to be in substantial compliance with the specifications to the bid. Although the bid from Ziegler did contain minor exceptions, none are considered to be critical to the machine's performance.

Funding for purchase of the recommended unit is currently available in the equipment replacement allocation for the sanitary and storm sewer enterprise operations and purchase of the unit is recommended.
