

**COUNCIL ACTION FORM**

**SUBJECT: ACQUISITION OF TRUCK CHASSIS, BODY, AERIAL PLATFORM AND ACCESSORIES FOR 40 FOOT AERIAL TRUCK**

**BACKGROUND:**

The City's fleet has several aerial trucks, and four of these are used by Electric Services. The Electric Technical Services Division maintains the electric substations. These substations are in remote areas, with security fencing around the perimeter and with low clearance under power lines. For technicians to work safely in these confined areas, a small aerial truck is needed with a low-profile boom.

The City's current fleet does not have a truck with the proper configuration and size to work in these substations. In the past a truck has been leased for this maintenance, but leasing a truck with the proper configuration has become increasingly expensive. Staff evaluated the cost and utilization of the leased truck and determined that a purchase would provide a cost savings versus leasing. Funding was approved in the FY 14/15 budget for the purchase of this equipment. The truck will be delivered after July 1, 2014.

**The first bid is for the purchase of the four wheel drive truck chassis. The second bid is for the purchase of a 40-foot aerial platform and body with accessories which will be mounted on the truck chassis.**

**CHASSIS:**

Bids were received for the chassis bid as follows:

<b>Bidder</b>	<b>Make</b>	<b>Year</b>	<b>Model</b>	<b>Engine</b>	<b>Bid</b>
<b>Dewey Ford, of Ankeny, IA</b>	<b>Ford</b>	<b>2015</b>	<b>F550</b>	<b>Gas</b>	<b>\$ 35,043</b>
Truck Equipment, Inc. of Des Moines, IA	Ford	2014 (Used)	F550	Diesel	38,000
Dewey Ford	Ford	2014	F550	Diesel	41,893
Dewey Ford	Dodge	2014	Ram	Diesel	46,822

Evaluation of the bids determined that the equipment offered complies with the specifications required by the City. The base bid from Dewey Ford, Inc. of Ankeny, IA for the Ford F550, gas engine, four-wheel drive truck chassis for \$35,043 is acceptable.

**AERIAL PLATFORM, BODY, & ACCESSORIES:**

The following bids were received for the Aerial Platform, Body and Accessories:

<b>Bidder</b>	<b>Lift Brand</b>	<b>Year</b>	<b>Lift Model</b>	<b>Body Brand &amp; Model</b>	<b>Bid</b>
ABM Equipment & Supply, LLC of Hoskins, MN	Versalift	2014	VST-40-I	Brand FX, FB-84 DLPXS	\$83,527
ALTEC Industries, Inc. of St. Joseph, MO	ALTEC	2014	AT40M	Altec-Astoria, LGSS	\$90,075
Truck Equipment, Inc. of Des Moines, IA	Dura-Lift	2014	DPM-40DU	Brand FX, FB-84 DLPXS	\$92,523

Evaluation of the aerial platform, body and accessories bids determined that **the equipment offered by all three bidders does not comply with the specifications requested by the City.** The City specified a 48-inch wide bucket. The City also specified the capacity of the Jib Crane be 1,000 lbs. The evaluation also considers the side-reach capability of the boom. These units were compared to the requirements outlined above to identify how well suited they are for bucket size, jib capacity and side-reach. The results are listed below:

<b>Bidder</b>	<b>Lift Brand</b>	<b>Lift Model</b>	<b>Boom Side Reach</b>	<b>Bucket Dimensions W x L x H inches</b>	<b>Jib Crane Capacity: LBS.</b>
ABM Equipment & Supply, LLC	Versalift	VST-40-I	30-ft, 2-in.	30 x 24 x 42	1,000
ALTEC Industries, Inc.	ALTEC	AT40M	30-ft, 8-in.	38 x 24 x 42	800
Truck Equipment, Inc.	Dura-Lift	DPM-40DU	31-ft, 6-in.	42 x 24 x 42	1,000

The bid from ABM Equipment, LLC, offers a 30-inch wide bucket, ALTEC Industries offers a custom 38-inch, and Dura-lift offers a 42-inch. Further investigation revealed that the Dura-lift 42-inch wide bucket in conjunction with the specified rated 1,000 lb. jib crane is the widest offered in the industry. Electric staff carries tools in the bucket with the worker, requiring the wide bucket to provide sufficient room for the employee to work. The bucket offered by **ABM is too narrow at 30 inches to accommodate the worker and needed tools. ALTEC does not offer the minimum 1,000 Lb. capacity Jib.**

**The Dura-lift unit provides the widest bucket at 42-inches wide, and a jib with 1,000 lb. capacity, the desired minimum. City staff has determined the 42-inch wide bucket will be adequate to perform the required work. Therefore, Dura-lift is the unit with the acceptable bucket, jib crane, and side-reach.**

The adopted FY 2014/15 budget includes \$140,000 to purchase this truck with body and aerial platform. If the recommended bids are accepted, total expenses will be as follows:

Purchase price of truck chassis from Dewey Ford	\$ 35,043
Purchase price of aerial platform, body & accessories	92,523
<u>Tax 6% use tax</u>	<u>7,654</u>
Total cost of aerial truck	\$ 135,220

**ALTERNATIVES:**

1. Award a contract to Dewey Ford, of Ankeny, IA for the Ford F550, gas engine, four-wheel drive truck chassis for \$35,043; and award a contract to Truck Equipment, Inc. of Des Moines, IA for the Dura-Lift DPM-40DU aerial platform, and Brand FX body at \$92,523, for a total price of \$127,566 plus tax for this aerial truck.
2. Reject the bids and re-bid.

**MANAGER'S RECOMMENDED ACTION:**

Both Fleet Services and Electric Services staff agree that purchasing the Dura-lift aerial unit and Brand FX Body from Truck Equipment of Des Moines, mounted on the Ford F550 from Dewey Ford of Ankeny, will provide a quality machine to meet the established service requirements at a reasonable price. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.