

**CITY OF LA VISTA  
MAYOR AND CITY COUNCIL REPORT  
MARCH 6, 2018 AGENDA**

<b>Subject:</b>	<b>Type:</b>	<b>Submitted By:</b>
AUTHORIZATION TO PURCHASE BOOM TRUCK	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JEFF CALENTINE DEPUTY DIRECTOR OF PUBLIC WORKS

**SYNOPSIS**

A resolution has been prepared to authorize the purchase of one (1) 2018 AT37G Articulating Telescopic Aerial Device (Boom Truck), from Altec Industries, Inc., Birmingham, Alabama, in an amount not to exceed \$96,229.

**FISCAL IMPACT**

The FY 17/18 Biennial Budget provides funding for the proposed purchase.

**RECOMMENDATION**

Approval

**BACKGROUND**

Currently the traffic control technician operates out of an existing streets truck that wasn't designed to function as a traffic control repair vehicle. Any repairs to overhead traffic signals require the use of a boom, which the current vehicle is not equipped with. When repairs are required the technician has to borrow the boom truck from the parks division, which is much larger than what is needed and requires an additional staff person to operate an arrow board for traffic control. This truck will have the necessary traffic warning devices equipped on the vehicle, so in most instances this work will become a one man operation. In addition the technician carries a ladder to do sign repair work which will be more efficiently and safely performed by using the boom. The proposed vehicle will be equipped with the necessary tools and parts to complete repairs without constantly driving back and forth between Public Works and the job site. This truck will serve a dual function and will be utilized during the fall for decorating and installing Holiday Lights throughout the City.

The proposed vehicle will be purchased through the National Joint Powers Alliance (NJPA), contract #031014-ALT. The NJPA operates just like the state bid but on a national scale.

**RESOLUTION NO. \_\_\_\_\_**

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, AUTHORIZING THE PURCHASE OF ONE (1) 2018 AT37G ARTICULATING TELESCOPIC AERIAL DEVICE FROM ALTEC INDUSTRIES, INC., BIRMINGHAM ALABAMA IN AN AMOUNT NOT TO EXCEED \$96,229.00.

WHEREAS, the City Council of the City of La Vista has determined that the purchase of a boom truck is necessary; and

WHEREAS, the FY17/18 Biennial Budget provides funding for the proposed purchase; and

WHEREAS, Subsection (C) (9) of Section 31.23 of the La Vista Municipal Code requires that the city administrator secure Council approval prior to authorizing any purchase over \$5,000.00.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of the City of La Vista, Nebraska, do hereby authorize the purchase of one (1) 2018 AT37G Articulating Telescopic Aerial Device from Altec Industries, Inc., Birmingham Alabama in an amount not to exceed \$96,229.00.

PASSED AND APPROVED THIS 6TH DAY OF MARCH, 2018.

CITY OF LA VISTA

\_\_\_\_\_  
Douglas Kindig, Mayor

ATTEST:

\_\_\_\_\_  
Pamela A. Buethe, CMC  
City Clerk

December 14, 2017  
Our 88th Year**Ship To:**  
CITY OF LA VISTA (NE)**Bill To:**  
CITY OF LA VISTA (NE)Attn:  
Phone:  
Email:**Altec Quotation Number:** 408303 - 2  
**Account Manager:** Travis Allen  
**Technical Sales Rep:** Martin Guandique

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	<u>Unit</u>	
1.	ALTEC Model AT37G telescoping/articulating continuous rotation aerial device with an insulating articulating arm, insulating telescopic upper boom, and the patented ISO-Grip insulating system at the boom tip. Includes the following features: <ul style="list-style-type: none"><li>A. Ground to bottom of platform height: 37.8 feet</li><li>B. Working height: 42.8 feet</li><li>C. Maximum reach to edge of platform. Side Mounted Platform: 26.6 feet. End Mounted Platform: 28.3 feet (at 14.4 foot platform height).</li><li>D. Telescopic boom extension: 9 feet 8 inches</li><li>E. Continuous rotation</li><li>F. Insulating Aerial Device, ANSI Category C, 46kV and Below</li><li>G. Articulating Arm: Articulation is from -7 to 90 degrees. Insulator provides 12 inches of isolation.</li><li>H. Compensation System: By raising the articulating arm only, the telescopic boom maintains its relative angle in relation to the ground. The work position is achieved through a single function operation.</li><li>I. Telescoping upper boom: Articulation is from -25 to 75 degrees.</li><li>J. Master/ Slave Leveling: Platform automatically maintains level during boom articulation through a lifetime master/slave hydraulic leveling system that requires no major preventive maintenance.</li><li>K. The INSULATING UPPER CONTROL SYSTEM includes a single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle is green in color to differentiate it from other non-tested controllers.</li><li>L. One set of tool outlets at the platform providing up to 5 gpm of flow for open center tools</li><li>M. Hydraulic System: Open center system operating at 5gpm and 2,400 psi.</li><li>N. Unit is painted with a powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion.</li><li>O. Structural Warranty all of the following applicable major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.</li></ul>	1

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	P. Manuals: Two (2) operator and Maintenance/Parts manuals	
2.	AT37G Unit Model	1
3.	Engine Start/Stop & Secondary Stowage System: 12 VDC powered motor and pump assembly for temporary operation of the unit in a situation wherein the primary hydraulic source fails. Electric motor is powered by the chassis battery. This feature allows the operator to completely stow the booms and platform. Secondary Stowage & Start/Stop is activated with an air plunger at the platform and switch at the lower control station.	1
4.	Post style pedestal mounting	1
5.	Poly Hydraulic Reservoir, Pedestal Mounted, 7 Gallon (Includes Sight Gauge)	1
6.	Single, One (1) Man, Fiberglass Platform; End Mounted with 180 degree rotator. 24 x 30 x 42 inches, includes hydraulic tilt.	1
7.	Two (2) Platform Steps	1
8.	Soft nylon reinforced vinyl platform cover for a 24 x 30 inch platform	1
9.	Platform liner for a 24 x 30 x 42 inch platform	1
10.	Platform Capacity, 400LBS.	1
11.	Altec Patented ISO-Grip Insulating 4 Function, Proportional Speed, Upper Control Handle - with safety interlock and interlock guard. Forward/back operates upper boom in/out, tiller operates rotation CW/CCW, up/down operates lower boom up/down, and twist operates articulating arm up/down. Platform leveling is controlled with a separate interlocked control handle.	1
12.	Manual lowering valve located at the boomtip. For use in emergency situations to allow the operator to lower the boom to the ground	1
13.	Powder coat unit Altec White.	1
<b><u>Unit &amp; Hydraulic Acc.</u></b>		
14.	HVI-22 Hydraulic Oil (Standard).	9
15.	Standard Pump For PTO	1
16.	Hot shift PTO for automatic transmission	1

**Body**

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
17.	108 Inch Universal Small Aerial Body for a 60 Inch CA Chassis with 38 Inch Long Side Access Tailshelf to Meet the Following Specifications: <ul style="list-style-type: none"><li>A. Basic body fabricated from A40 grade 100% zinc alloy coated steel</li><li>B. All doors are full, double paneled, self-sealed with built-in drainage.</li><li>C. Stainless steel hinge rods extend full length of door.</li><li>D. Door hinges are zinc alloy material attached with rivets</li><li>E. All doors contain stainless steel, flush mounted, paddle activated rotary style latches with two-stage locking, including keyed locks and adjustable strikers.</li><li>F. Heavy-gauge welded steel frame construction with smooth galvanneal floor.</li><li>G. Possible contact edges are folded for safety.</li><li>H. Door header drip rail at top for maximum weather protection.</li><li>I. Neoprene or rolled fenders on wheel fender panels.</li><li>J. Steel treated for improved primer bond and rust resistance.</li><li>K. Automotive underseal applied to body.</li><li>L. Automotive type non-porous door seals fastened to the door facing.</li><li>M. 108 Inch Body Length</li><li>N. 40 Inch Body Height (Standard)</li><li>O. 94 Inch Body Width (Standard)</li><li>P. 20 Inch Body Compartment Depth (Standard)</li><li>R. 8 Inch Body crossmembers (Standard)</li><li>S. No Treadplate On Compartment Tops</li><li>T. 6 Inch tall wooden tailboard installed at the rear of body cargo area</li><li>U. Stainless Steel Rotary Paddle Latch With Lock (Standard)</li><li>V. Master Body Locking System (Standard)</li><li>W. One (1) wheel chock holder installed in fender panel on each side of body.</li><li>X. Gas Shock Type Rigid Door Holders For Vertical Doors (Standard)</li><li>Y. Chains On Horizontal Doors</li><li>Z. Hotstick shelf extending full length of body on curbside.</li><li>AA. Drop-Down Hot Stick Door For One (1) Shelf (Right Side)</li><li>AB. Two (2) Hot Stick Brackets</li><li>AC. 1st Vertical streetside (LH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers</li><li>AD. 1st Horizontal streetside (LH) - One (1) Fixed Shelf With Removable Dividers On 8 Inch Centers</li><li>AE. Rear Vertical streetside (LH) - Six (6) Adjustable Locking Swivel Hooks</li><li>AF. 1st Vertical curbside (RH) - Seven (7) Adjustable Locking Swivel Hooks, Louvered Panel Installed in Cargo Wall</li><li>AG. 1st Horizontal curbside (RH) - Vacant</li><li>AH. Rear Vertical curbside (RH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers</li><li>AI. Lexan Rock Guards Installed In Front Of Body At The Bottom</li><li>AJ. One (1) Small Bolt-On Grab Handle Installed At Rear Of Curbside Compartments</li><li>AK. 38 Inch Tailshelf with Integrated Side Access Steps and Smooth Galvanneal Floor Installed at Rear of Body</li></ul>	1

<u>Item</u>	<u>Description</u>	<u>Qty</u>
<b><u>Body and Chassis Accessories</u></b>		
18.	ICC Underride Protection	1
19.	Combination 2 Ball (10,000 LB MGTW) And Pintle Hitch (16,000 LB MGTW)	1
20.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1
21.	Rear Torsion Bar Installed On Chassis	1
22.	Appropriate counterweight added for stability.	1
23.	Platform Rest, Rigid with Rubber Tube	1
24.	Boom Rest for a Telescopic Unit	1
25.	Mud Flaps With Altec Logo (Pair)	1
26.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1
27.	Slope Indicator Assembly For Machine Without Outriggers	1
28.	Safety Harness And 4.5' Lanyard (Fits Medium To Xlarge) Includes Pouch and Placards	1
29.	5 LB Fire Extinguisher With Light Duty Bracket, Installed (In Cab or Inside Compartment Only)	1
30.	Triangular Reflector Kit, Installed	1
31.	Vinyl manual pouch for storage of all operator and parts manuals	1
<b><u>Electrical Accessories</u></b>		
32.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1
33.	Altec Standard Amber LED Strobe Light With Brush Guard Post Mounted On Streetside Front Compartment Top	1
34.	Single tone back up alarm installed between the chassis frame rails at the rear of the chassis. To work in conjunction with chassis reverse drive system	1
35.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
36.	Ford Upfitter Switches (Supplied With Chassis)	1
37.	Start/Stop/Throttle Module, 12 Volt System	1
38.	Install secondary stowage system.	1
39.	PTO Indicator Light Installed In Cab	1

#### Finishing Details

40.	Powder Coat Unit Altec White	1
41.	Finish Paint Body Accessories Above Body Floor Altec White	1
42.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1
43.	Apply Non-Skid Coating to all walking surfaces	1
44.	English Safety And Instructional Decals	1
45.	Vehicle Height Placard - Installed In Cab	1
46.	Placard, HVI-22 Hydraulic Oil	1
47.	Dielectric test unit according to ANSI requirements.	1
48.	Stability test unit according to ANSI requirements.	1
49.	Focus Factory Build	1
50.	Delivery Of Completed Unit	1
51.	Inbound Freight	1
52.	Altec Stock/Global Spec, AT37G, Ford F550 4x4, Diesel, 60CA, TB	1
53.	Stock Unit	1

#### Chassis

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<u>Item</u>	<u>Description</u>	<u>Qty</u>
54.	Altec Supplied Chassis	1
55.	Altec Stock Chassis	1
	A. 2017 Model Year	
	B. Ford F550	
	C. Chassis Color - White	
	D. Class V (16,001-19,500 LBS)	
	E. Regular Cab	
	F. 4x4	
	G. 60 Clear CA (Round To Next Whole Number)	
	H. 145 Wheelbase	
	I. 18,000 LBS GVWR	
	J. 7,000 LBs Front Axle Rating	
	K. 13,660 LBs Rear Axle Rating	
	L. Ford 6.7L Power Stroke Diesel	
	M. Ford 6R140 6-Speed Automatic Transmission (w/PTO Provision)	
	N. Ford E/F250-550 Single Horizontal Right Side Exhaust	
	O. 98R - Operator Commanded Regeneration (OCR)	
	P. 50-State Emissions	
	Q. Clean Idle Certification	
	R. No Idle Engine Shut-Down Required	
	S. Hydraulic Brakes	
	T. Park Brake In Rear Wheels	
	U. Ford 40 Gallon Fuel Tank (Rear)	
	V. Ford 7.2 Gallon DEF Tank (Mid Mount)	
	W. Cruise Control	
	X. Block Heater	
	Y. Snow Plow Package	

**Pricing**

56.	Stock Unit - delivered	1	\$96,229
	Non Skid Compartment Tops		
	Compartment Lighting		
	Single Hand Drawer Kit In Rear Vertical CS		
	Strobe Beacon CS Behind Cab		
	7 Way RV Type ILO 6 Way		

Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty

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Altec Industries, Inc.

BY \_\_\_\_\_

Martin Guandique

**Notes:**