

RESOLUTION NO. 2016 - 437

A RESOLUTION AUTHORIZING THE PURCHASE OF ONE (1) 2017 ALTEC MODEL TA40 TELESCOPING ARTICULATING AERIAL TRUCK, 33 INVERNESS CENTER PARKWAY, BIRMINGHAM, AL 35242, IN THE AMOUNT OF \$167,114.00, PURSUANT TO A NATIONAL COOPERATIVE CONTRACT AGREEMENT WITH NATIONAL JOINT POWERS ALLIANCE (NJPA) CONTRACT #031014-ALT.

WHEREAS, the City of Vineland Electric Utility is in need of a 2017 Altec Model TA40 Telescoping Articulating Aerial Truck and;

WHEREAS, the City of Vineland is a member of a National Cooperative Purchasing Agreement known as the National Joint Powers Alliance (NJPA) under member number 19409- and, NJPA is a national cooperative contract organization; and,

WHEREAS, NJPA, National Cooperative Purchasing Program has acted as lead agency and awarded Contract #031014-ALT, Public Utility Equipment with Related Accessories. Specific information regarding the contract may be found on the NJPA website at: www.njpacoop.org and,

WHEREAS, N.J.S.A. 52:34-6.2 permits the City of Vineland to purchase the 2017 Altec Model TA40 Telescoping Articulating Aerial Truck using the offered National Cooperative Contract without public bidding, subject to the submittal and acceptance of certain documentation by ALTEC Industries, Inc.;

WHEREAS, the City of Vineland intends under NJPA, under the Category: Public Utility Equipment with Related Accessories, Contract #031014-ALT, to purchase from Altec Industries, Inc., 33 Inverness Center Parkway, Birmingham, AL 35242 One (1) 2017 Altec Model TA40 Telescoping Articulating Aerial Truck, in an amount not to exceed \$167,114.00, as listed in the Quotation made available through the NJPA.

WHEREAS the Director of Public Works and the Qualified Purchasing Agent, with the concurrence of the Business Administrator, recommend the use of the National Cooperative Pricing through NJPA for this procurement;

WHEREAS, notice of the within purchase has been published on June 17, 2016, with a 10-day comment period as required by Local Finance Notice 2012-10 and;

WHEREAS, the City of Vineland Purchasing Agent has determined that the use of the offered National Cooperative Contract will result in cost savings after all factors, including charges for service, material and delivery have been considered and has verified that such equipment is not available through State Contract awarded by the Division of Purchase and Property in the New Jersey Department of the Treasury pursuant to N.J.S.A. 40A:11-12; and

WHEREAS, the availability of funds for said purchase to be awarded herein have been certified by the City Comptroller; and

CITY OF VINELAND, NJ

WHEREAS, the City of Vineland has certified that this meets the statute and regulations governing the award of said contracts;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF VINELAND, that the Purchasing Agent is authorized to prepare a purchase order to procure the One (1) 2017 Altec Model TA40 Telescoping Articulating Aerial Truck for a price not to exceed \$167,114.00

BE IT FURTHER RESOLVED that the purchase order shall contain a requirement that “the vendor shall maintain all documentation related to products, transactions or services under this contract for a period of five years from the date of final payment. Such records shall be made available to the New Jersey Office of the State Comptroller upon request”.

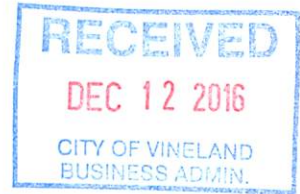
Adopted:

President of Council

ATTEST:

City Clerk

AWARD CONTRACT RESOLUTION REQUEST



From: Miguel A. Mercado, Purchasing Agent

To: Business Administration

Date of Request: December 9, 2016

City Council Meeting Date: December 27, 2016

Title: 2017 Altec Model TA40 Telescoping Articulating Aerial Truck

Competitive Process: National Cooperative Contract - National Joint Powers Alliance #31014

Commend Period Ended: December 9, 2016

Resolution Request:

This is a request to award the purchase of a 2017 Altec Model TA40 Telescoping Articulating Aerial Truck for the City of Vineland Electric Utility – Distribution Division in the amount of \$167,114.00 through the National Cooperative Contract – National Joint Powers Alliance, (NJPA). Purchasing the truck through the “national cooperative contract” is allowed under PL 2011, c.139.

The vendor is: ALTEC INDUSTRIES, INC.
33 Inverness Center Parkway
Birmingham, AL 35242

By using the national contract, the city will save time and costs associated with bid specification preparation, receiving bids and awarding a contract.

As required, a notice of intent to award this item using this NJPA contract was advertised with a comment period ending December 9, 2016. No comments were submitted or received.

If you have any questions or need additional information, please contact me.

CITY OF VINELAND
DEPARTMENTAL REQUEST

USE OF NATIONAL COOPERATIVE CONTRACT

TO: Purchasing Department

FROM: Department Electric Utility

DATE: 10-13-16

NAME OF COOPERATIVE NJPA - ALTEC VENDOR ID# 9343

NATURE OF REQUEST (COMMODITY) Aerial Truck - #A-40

AMOUNT \$ 167,114⁰⁰

\$171,941

Base

Budgeted Item: Yes

+ 5,173

5yr Warranty

- 10,000

Trade-In V698129

Account # E392 002-0-55-90-9003-2-9022000

The following documents must be attached:

Proposal from vendor

Cost savings documentation to support purchase – this will include pricing from other vendors with a complete analysis of each to show a cost savings vs. public bidding.

(conduct due diligence to determine if the contract will result in costs savings after all factors, including charges for service, material and delivery, have been considered.)

12. Approved by:

 
SIGNATURE (DIRECTOR, DEPARTMENT HEAD, SUPERVISOR)

Send copies to:
Business Administration
Finance Office

Ship To:
 CITY OF VINELAND (NJ)
 PO BOX 1508
 ATTN ACCOUNTS PAYABLES
 VINELAND, NJ 08362-1508
 US

Bill To:
 CITY OF VINELAND (NJ)
 PO BOX 1508
 ATTN ACCOUNTS PAYABLES
 VINELAND, NJ 08362-1508
 United States

Attn: John Boyle
 Phone: 856-794-4000
 Email: jboyle@vinelandcity.org

Altec Quotation Number: 320313 - 1
Account Manager: Dave Brobst
Technical Sales & Support: Lucinda T Oliver

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	<p>205 - ALTEC Model TA40 telescopic articulating with an insulating lower arm, insulating telescopic upper boom and the Altec ISO-Grip (U.S. Patent No. 7,416,053) system, an upper control system incorporating high resistance components at the boom tip, for installation behind chassis cab, built in accordance to ALTECS standard specifications and to include the following features:</p> <p>A. Ground to Bottom of Platform Height: 41.0 feet at 11.0 feet from centerline of rotation (12.5 m at 3.3 m)</p> <p>B. Working Height 45.7 feet (13.9 m)</p> <p>C. Maximum Reach to Edge of Platform: 29.5 feet at 17.4 foot platform height (9.0 m at 5.3 m)</p> <p>D. Lower Boom Insulator: Provides 12.0 inches (305 mm) of isolation</p> <p>E. Hydraulic System: The hydraulic system utilizes a high-efficiency, pressure compensating, load-sensing design to provide the required hydraulic flow and pressure on demand. For personnel lifting, the pressure range is 350 to 2,500 psi for the TA40, 3000 psi for the TA45 (2400 to 20,680 kPa) and flow is from 0 to 12.0 gpm (1 to 45.4 lpm). The system consists of a piston pump, hydraulic reservoir, lower control station, and upper control station.</p> <p>F. Pedestal: Post type pedestal design with large service openings. Pedestal consists of fixture welded steel tubing 12.75 inch (324 mm) diameter. The 1.0 inch (25.4 mm) top plate of the pedestal is machined after welding to provide a rigid, flat mounting surface for the rotation bearing. This extends the life of the bearing and reduces life cycle cost. The pedestal is attached to the chassis frame utilizing a shear plate installation technique.</p> <p>G. Rotation: Continuous rotation is provided by worm gear drive, equipped with extended shaft for manual rotation, driving a shear ball bearing rotation gear. The fully adjustable rotation drive assembly includes an external eccentric ring adjustment of the gearbox pinion gear to the main rotation bearing, permitting the ability to easily adjust backlash, reduce boom side play and ensure proper tooth contact over the life of the unit. This reduces life cycle cost. All bearing attachment bolts are easily accessed from outside the pedestal and inside the turntable.</p>	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
H.	Turntable: Steel fixture-welded structure with a 1.0 inch (25.4 mm) steel bottom plate. The bottom plate of the turntable is machined after welding to ensure a flat mounting surface for the rotation bearing. A steel ring is welded to the bottom plate to stiffen the plate and to protect the rotation bearing. For ease of maintenance, hydraulic valving is located on the side of the turntable and protected by a metal guard.		
I.	Articulating Arm: Tubular steel structure. The articulating arm is designed so that the articulating arm and lower boom are compensating. By raising the articulating arm only, the lower and upper boom maintain the same relative angle with the ground. By raising the articulating arm in conjunction with the lower boom, the operator is able to position himself more quickly and easily into the work area.		
J.	Lift Cylinders: The rod eye is welded to the rod while the blind end of the cylinder is of cast steel, one piece design, which utilizes cartridge-type, bi-directional counter-balance holding valves. Non-lubricated type bushings are used at the trunnion pins. The rod end has a spherical-type bearing.		
K.	Lower Boom: Fabricated, reinforced steel box structure. Ultra high molecular weight polyurethane slide pads are installed at the boom tip to guide the telescopic upper boom. These pads have a large contact area in order to reduce wear. The pads are shimmed and attached for ease of adjustment or replacement without disassembly of the booms.		
L.	Lower Boom Pivot Pin: high strength chrome plated steel with self-lubricating, replaceable, non-metallic bearings.		
M.	Telescopic Upper Boom: Centrifugally cast, round fiberglass, providing a minimum of 24.0 (610 mm) of isolation. The inner surface of the fiberglass boom is impregnated with a wax compound to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface has a smooth gelcoat finish.		
N.	Upper Boom Extension: The upper boom is extended and retracted by a double acting hydraulic cylinder installed within the booms. The boom extends and retracts over slide bearings located in the end of the lower boom.		
O.	Platform Leveling System: The platform is leveled by hydraulic leveling means, contained within the upper boom and designed to maintain the dielectric integrity of the aerial device. Controls for leveling and tilting the platform are located at the platform. Leveling for the platform includes two double acting cylinders incorporating counterbalance load holding valves to lock the platform in the event of hydraulic line failure. Cylinders are located at the platform and at the end of the lower boom. The master-slave action of the cylinders maintains a level platform throughout the full range of boom articulation.		
P.	Platform: Totally enclosed, fiberglass.		
Q.	Controls: Boom and articulating arm functions are controlled with a single handle control. Control, through non-metallic linkages, actuates the interlock section and four individual boom function valves. The control provides good metering capability at all boom speeds. The single handle control activates Lower BoomUp and Down, Upper BoomExtend and Retract, RotationClockwise/Counter-clockwise, and Articulating ArmRaise and Lower. Unit rotation is accomplished by moving the control from side to side similar to a tiller while upper boom operation is accomplished by twisting the control handle clockwise to retract and counter clockwise to extend.		
R.	Lower Boom Lifting Eye: provides for 1,000 pounds (454 kg) of lifting capacity.		
S.	Hydraulic Tool Circuit: Control easily accessible to the operator activates the tool circuit which provides 8.0 gpm (30.3 lpm) at 2,000 psi (13 790 kPa) One set of HTMA quick disconnect couplings is located in a protected location on the control cover at the platform. In the Off position, the circuit is designed to relieve pressure		

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	from the quick disconnect couplings.		
T.	Outrigger/Boom Interlock System: Helps prevent operator from using unit until all outriggers are lowered.		
U.	Outrigger/Unit Selector Control: Located near the outrigger controls, allows operator to divert hydraulic oil from machine circuit for outrigger operation. This reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.		
V.	Outrigger Motion Alarm: Provides audible alarm when any of the outriggers are in motion		
W.	Back-up Alarm, installed		
X.	Diagnostic Pressure Test Quick Disconnect Couplings: are located at the turntable to allow a mobile service technician to quickly and easily attach a test gauge to verify system and tool circuit pressure. This reduces life cycle cost.		
Y.	ISO 9001: This aerial device is designed in a facility that is certified to meet ISO 9001 requirements.		
Z.	ANSI Category C, 46 kV and below dielectric rating		
AA.	Manuals: Two (2) Operators and two (2) Maintenance/ Parts manuals.		
AB.	Paint: Altec Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection		
2.	458 - 58" pedestal height Engineering to determine	1	
3.	210 Single one man end-mounted platform with hydraulic rotator. Platform is 24 x 30 x 42 inches high (610 x 762 x 1067 mm), and rotates hydraulically 180 degrees about the boom tip.	1	
4.	Platform Cover, 24 x 30 Rigid	1	
5.	258 Polyethylene platform liner for one man platform, 24 x 30 inches (610 x 762 mm), 50 kV rating (minimum)	1	
6.	239 Platform capacity placard, 400 pounds (181 kg)	1	
7.	297 Tool circuit at tailshelf provides 8.0 gpm (30.3 lpm) and 2,000 psi (13 790 kPa). NOTE: Tool circuit below rotation is included when outriggers are selected.	1	
8.	343 Manual throttle control, captive air, 2-speed	1	
9.	295/310 Engine start/stop with secondary stowage system, 12 VDC electric powered. Includes pump and motor, operates from chassis battery. Control is captive air operated from the platform and toggle switch operated from the lower controls. This option allows the operator to completely stow the booms and platform in a situation wherein the primary hydraulic source fails.	1	
10.	No Outriggers	1	
11.	Powder coat unit Altec White.	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
12.	Custom Option Scuff pad with step for 24 x 30 inch (610 x 762 mm) platform liner to protect liner floor	1	
13.	Custom Option All hydraulic tool outlets at platform and rear of truck shall use Holmbury flat face A-Series premier plus quick connect couplers with dust covers: Part number 35620183.	1	
<u>Unit & Hydraulic Acc.</u>			
14.	Reservoir, 15 Gallon, Triangular, Mounted in Cargo Area	1	
	A. Internal return filter, 10 micron absolute, fiberglass media.		
	B. Ball valves in suction and return lines.		
	C. Suction strainer.		
	D. Filler/breather cap with dipstick.		
15.	267 - Pump, Right-Hand Rotation, 19 GPM	1	
16.	HVI-22 Hydraulic Oil (Standard).	40	
17.	Standard Pump For PTO	1	
18.	Hot shift PTO for automatic transmission	1	
19.	Muncie PTO (Altec Standard)	1	
20.	Standard PTO/Transmission Functionality for Automatic Transmissions - If chassis is in gear, and PTO switch is activated, PTO will not engage. Chassis will remain in gear. Once the chassis is shifted back into gear the PTO will disengage. For some truck configurations the PTO switch must be turned off to allow the transmission to shift into gear.	1	
21.	Stanley Impact Wrench/Drill, 7/16" QC (Requires 4-12 GPM, 750-2000 PSI) *To include fiberglass drill holder and Holmbury flat face A-Series premier plus quick connect couplers with dust covers: Part number 35620183	1	
22.	Additional Unit/Hydraulic Accessory Plastic techniques HD tool tray	1	
<u>Body</u>			
23.	Altec Body	1	
24.	Steel Body	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
25.	Aerial Service Line With Step (ASLS)	1	
26.	Body Is To Be Built In Accordance With The Following Altec Standard Specifications:	1	
	A. Basic Body Fabricated From A40 Grade 100% Zinc Alloy Coated Steel.		
	B. All Doors Are Full, Double Paneled, Self-Sealed With Built-In Drainage For Maximum Weather-Tightness. Stainless Steel Hinge Rods Extend Full Length Of Door.		
	C. Heavy-Gauge Welded Steel Frame Construction With Structural Channel Crossmembers And Tread Plate Floor.		
	D. Integrated Door Header Drip Rail At Top For Maximum Weather Protection.		
	E. Fender Panels Are Either Roll Formed Or Have Neoprene Fenderettes Mechanically Fastened.		
	F. Steel Treated For Improved Primer Bond And Rust Resistance.		
	G. Automotive Type Non-Porous Door Seals Fastened To The Door Facing.		
27.	Approximate Body Length (Engineering to Determine Final Length) 134"	1	
28.	94 Inch Body Width	1	
29.	Custom Body Compartment Height 50"	1	
30.	Custom Body Compartment Depth 20"	1	
31.	Finish Paint Body Altec White (Applies To Steel And Aluminum) - Burnsville; electrocathodic 12 step dipping process to ensure full adhesion to 100% of the body.	1	
32.	Undercoat Body	1	
33.	Custom Body Cargo Retaining Option 5 inch high drop in composite tailgate at rear of body	1	
34.	Treadplate On Streetside Compartment Tops (Not a Walking Surface)	1	
35.	Treadplate On Curbside Compartment Tops (Not a Walking Surface)	1	
36.	Rope Lights (LED) Around Top And Sides Of Compartment Door Facings . Tied into a master switch in the cab.	6	
37.	Stainless Steel Rotary Paddle Latches With Keyed Locks	6	
38.	All Locks Keyed Alike Including Accessories (Preferred Option)	1	
39.	Gas Shock (Gas Spring) Rigid Door Holders On All Vertical Doors	1	
40.	Chains On All Horizontal Doors	1	

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
41.	Standard Master Body Locking System (Standard Placement Is At Rear. Sidepacks With A Throughshelf/Hotstick Door At Rear, Standard Placement Is At The Front)	6	
42.	Two Chock Holders On Each Side of Body With Retaining Lip In Fender Panel	1	
43.	Hotstick Shelf Extending Full Length Of Body On Streetside	1	
44.	Hotstick Shelf Extending Full Length Of Body On Curbside	1	
45.	Two Hotstick Brackets On Streetside	1	
46.	Two Hotstick Brackets On Curbside	1	
47.	Plywood Lining For Hotstick Shelf On Streetside	1	
48.	Plywood Lining For Hotstick Shelf On Curbside	1	
49.	Standard Drop-Down Hotstick Door For One (1) Shelf On Streetside, Stainless Steel Slam Paddle Latch With Keyed Lock stainless steel paddle latch (matching and keyed same as compartments)	1	
50.	Standard Drop-Down Hotstick Door For One (1) Shelf On Curbside, Stainless Steel Slam Paddle Latch With Keyed Lock stainless steel paddle latch (matching and keyed same as compartments)	1	
51.	Body Frame Designed For Small TA Subbase	1	
52.	1st Vertical (SS) - 6 Inch High Pull-Out Drawer On Slides, As Wide As Possible, Latched, Modular Dividers (Egg Crate Style On 2 Inch Centers, Removable, And Configurable) NOTE: To have a adjustable shelf with 4" removable dividers directly under the 6 unit drawer assembly	1	
53.	2nd Vertical (SS) - Adjustable Shelf With Removable Dividers On 4 Inch Centers	3	
54.	1st Horizontal (SS) - Fixed Shelf With Removable Dividers On 4 Inch Centers To be centered in opening of compartment height-wise	1	
55.	Rear Vertical (SS) - Locking Swivel Hook(s) On A Fixed Rail (Left Wall)	1	
56.	Rear Vertical (SS) - Locking Swivel Hook(s) On A Fixed Rail (Rear Wall)	3	
57.	Rear Vertical (SS) - Locking Swivel Hook(s) On A Fixed Rail (Right Wall)	1	
58.	1st Vertical (CS) - Adjustable Shelf With Removable Dividers On 4 Inch Centers	3	
59.	1st Vertical (CS) - Louvered Panel On Rear Wall To Ventilate Compartment	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
60.	Custom 1st Vertical (CS) Compartmentation Add permanent shelf directly above inverter to protect it	1	
61.	1st Horizontal (CS) - Adjustable Shelf With Removable Dividers On 4 Inch Centers	1	
62.	Rear Vertical (CS) - Locking Swivel Hook(s) On A Fixed Rail (Left Wall)	2	
63.	Rear Vertical (CS) - Locking Swivel Hook(s) On A Fixed Rail (Rear Wall)	3	
64.	Rear Vertical (CS) - Locking Swivel Hook(s) On A Fixed Rail (Right Wall)	2	
65.	Custom Tailshelf Dimensions/Material To be 35" and built of 1/8" diamond safety treadplate with through tunnel storage. To have locking doors at each end and be watertight	1	
66.	Steel Outrigger Valve Cover/Guards Installed At Rear Of Tailshelf	1	
67.	Custom Ladder Storage (Please Specify The Following: Style, Material, Easy Retrieval Method, Retaining Method, Approximate Dimensions) installed on top of streetside body compartment, to be approx 132"L x 20"W x 8" H. To allow flat storage of ladder with roller at rear to allow ladder in/out ease. (roller to be external type) ladder to secure at rear with retainer chain. To have a removable cleanout at front of ladder box	1	
68.	Additional Body Option Supply 36 extra removable dividers	1	
69.	Additional Body Option Storage box on both streetside and curbside directly under and attached to tailshelf. Make the bottom edge of these boxes at the same height of the bottom of the body side packs. Box to be 24" x 26"D x bottom of compartmentation. To have flip down lid and be watertight. To have stainless steel slam latches keyed like body	1	
70.	Additional Body Option Expanded metal box, 42"L x 10"H x 10"D, mounted to streetside interior of body just under lid of rubber goods box	1	
71.	Additional Body Option Equipment box mounted on top of the ladder box, to be approx. 108" long x 20" wide x 10.5" wide, equipped with hinged lift up treadplate lid with assist handles and gas lid supports. To be plywood lined and vented towards the load area of the body. To be watertight and lid to be ferroxed	1	
72.	Additional Body Option Rubber goods box installed on curbside rear section. 84" long x 12" high x 20" wide. To be plywood lined and vented towards the inside of the body. Hinged, lift up treadplate lid with assist handles and gas props for lid. To be watertight and lid to be ferroxed	1	

Body and Chassis Accessories

73.	ICC (Underride Protection) Bumper Installed At Rear	1	
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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
74.	T-125 Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL)	1	
75.	Set Of D-Rings for Trailer Safety Chain, installed one each side of towing device mount.	1	
76.	Front Torsion Bar Installed On Chassis	1	
77.	Rear Torsion Bar Installed On Chassis	1	
78.	Material Rail 48"L With 6 Sliding Hooks installed curbside inside top of load area	1	
79.	Cable Step Installed At Rear, Single Step installed one each side at rear of tailshelf	2	
80.	Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)	1	
81.	Platform Rest, Rigid with Rubber Tube installed at tailshelf. NOTE: Platform rest to be a rubber tube on top of a steel structure. The steel structure is to be able to store (2) small reels underneath, supported by a steel rod with a pin on one side.	1	
82.	Custom Boom Rest Rubber padded upper boom rest equipped with a quick latch/release hold down to prevent damage during road travel.	1	
83.	Mud Flap Without Altec Logo (Pair) (For Use With Light Duty Chassis)	1	
84.	Anti-Sail Mud Flap Brackets (Pair)	1	
85.	Wheel Chocks, Rubber with Metal Hairpin Style Handle, 9.75" L X 7.75" W X 5.00" H (Pair)	2	
86.	Dock Bumpers (Pair), Fixed Mounting (Rectangular Bumper), Installed At Rear	1	
87.	U-Shaped Grab Handle installed one each side at rear of tailshelf	2	
88.	Custom Grab Handle U-Shaped grab handle installed at rear to be gusseted with angles at bottom. Gussets to be perpendicular to grab handle	1	
89.	Slope Indicator Assembly For Machine Without Outriggers	1	
90.	Ring Style Cone Holder For Installation On A Front Bumper (Holds up to four 15"x15" large cones)	2	
91.	Custom Wire Rack/Reel E-Z Products AS-60 Wire Rack/Reel. To be mounted vertically behind the drivers side of cab. With pedestal support running along side of inner body to floor. Payout reel shall accommodate utility hand coils of nominal dimensions: 35" outer diameter, 20" inner diameter, 8" coil height. To have a payout system (PVC PIPING) running from reel under cargo area floor to a 4 way roller system at rear of tailshelf or	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	under the tailshelf.		
92.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1	
93.	Triangular Reflector Kit, Shipped Loose	1	
94.	First Aid Kit, 2 Person	1	
95.	10 LB Fire Extinguisher With Heavy Duty Bracket, Installed installed in front curbside compartment	1	
96.	Vinyl manual pouch for storage of all operator and parts manuals	1	
97.	Additional Body/Chassis Accessory Counterweight as needed	1	
98.	Additional Body/Chassis Accessory Frame rails to be boxed in across bottom section in order to make a box as far forward as possible before hitting counterweight, etc. To have a 3" lip at the rear to prevent items from falling out	1	
99.	Additional Body/Chassis Accessory Ensure holes are drilled in the front bumper for NJ front liscense plate mounting.	1	

Electrical Accessories

100.	Compartment Lights Wired To Dash Mounted Master Switch	1	
101.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
102.	Altec Standard Amber LED Strobe Light with Brush Guard to be post mounted on left front of body. Top of strobe to be black. Independently controlled by dash mounted switch.	1	
103.	4-Corner Strobe Lighting, Amber LED strobes tied into same swith as the post mounted strobe	1	
	A. Two (2) Surface Mounted Lights in Front Grille		
	B. Two (2) Round Grommet Mounted Lights at Rear		
104.	Directional Light Bar, Amber, LED, 34.5" Long To be recessed and boxed in for protection utilizing expanded metal and structural channel	1	
105.	4.75" Diameter Incandescent Spot Light With Aluminum Housing Front two to be post-mounted . The rear (2) to be (1) on top of the the ladder box and (1) on the rear panel of the top storage box on curbside.	4	

All (4) lights to be tied into a lighted switch in the cab

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
106.	Custom Remote Spot/Flood HID Go light mounted on the center of the cab roof as far forward as possible. To have hardwired remote in cab dash as well as a radio remote for platform operation.	1	
107.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
108.	Altec Standard Multi-Point Grounding System	3	
109.	Custom Grounding Reel Hastings 21364 retractable payout reel, to be mounted under rear tailshelf. To be centered above ICC bumper.	1	
110.	Grounding Cable, 1/0 GA Yellow Jacketed Cable	40	
111.	Grounding Clamp, Aluminum C-Clamp Style With Smooth Jaws (Includes Ferrule and Heat Shrink Tubing)	1	
112.	Altec Backup Camera System, 7" Color LCD Monitor, Heated Infrared Camera with Day/Night Sensor and Audio To be wired into reverse so that it automatically activates when vehicle is backing up.	1	
	To be installed where rear view mirror would be.		
	<ul style="list-style-type: none"> A. 7" Color LCD Monitor With LED Backlighting And Proximity Indicators B. 2 Inputs With Independent Triggers C. Heated Infrared Camera With Day/Night Sensor And Audio D. Mirror/Normal View E. IP68 Rated F. Wide Viewing Angle (104 Degrees Horizontal x 78 Degrees Vertical) G. 20 Meter Cable Assembly 		
113.	PTO Hour Meter, Digital, with 10,000 Hour Display	1	
114.	7-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
115.	1800 Watt Pure-Sine Wave Inverter To be installed in bottom of 1st vertical on curbside. To have switch for on/off in cab	1	
116.	Deep Cycle Auxiliary Battery For Vented Applications (Group 31) installed under curbside access step.	2	
117.	120 Volt GFCI Receptacle Includes Weather-resistant Enclosure hard wired to the inverter	2	
	To be mounted one on curbside and one on streetside of body		
118.	Power Distribution Module Is A Compact Self-Contained Electronic System That Provides A Standardized Interface With The Chassis Electrical System. (Includes	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	Operator's Manual) . All components are circuit board mounted to facilitate replacement and reduce repair time should it be required.		
119.	Start/Stop/Throttle Module, 12 Volt System	1	
120.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1	
121.	Cab Interior Fluorescent Light with switch on it	1	
122.	Additional Electrical Accessory Pto/park brake interlock system shall disengage the pto when brakes are released for road travel and also to provide the chassis brakes must be set prior to activation.	1	
123.	Additional Electrical Accessory Install (1) white LED recessed light in accessway, (2) on S/S inside of load area and (1) on Curbside wall. All tied into 1 switch in the cab	1	
124.	Additional Electrical Accessory Allison transmission to be in neutral prior to aerial operations to be programmed into unit.	1	

Finishing Details

125.	Finish Paint Body Accessories Above Body Floor Altec White	1	
126.	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	
127.	Apply Non-Skid Coating to all walking surfaces including equipment box on top of ladder box	1	
128.	English Safety And Instructional Decals	1	
129.	Vehicle Height Placard - Installed In Cab	1	
130.	Placard, HVI-22 Hydraulic Oil	1	
131.	Dielectric test unit according to ANSI requirements.	1	
132.	Stability test unit according to ANSI requirements.	1	
133.	Delivery Of Completed Unit	1	

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UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
134.	Inbound Freight	1	
135.	Focus Factory Build	1	
136.	Additional Finishing Detail Shield all hydraulic hoses from exhaust heat. All hydraulic lines shall be protected as required from heat or sharp edges. Shield exhaust as required to protect against oil spray.	1	
137.	TA40 FA Installation	1	
<u>Chassis</u>			
138.	Chassis	1	
139.	Altec Supplied Chassis	1	
140.	2017 Model Year	1	
141.	Other Chassis Make And Model Kenworth T300	1	
142.	4x2	1	
143.	Other Clear Cab To Axle Length 85	1	
144.	Regular Cab	1	
145.	Chassis Cab	1	
146.	Chassis Color - White	1	
147.	Other Chassis Wheelbase Length 153"	1	
148.	Paccar PX-7	1	
149.	300 HP Engine Rating	1	
150.	Other Transmission Allison 3500RDS	1	
151.	GVWR 33,000 LBS	1	
152.	Other Front GAWR 12,000	1	
153.	21,000 LBS Rear GAWR	1	
154.	Air Brakes	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
155.	Park Brake In Rear Wheels	1	
156.	1247144 - Kenworth Horizontal Exhaust (Right-Horizontal-Under Cab-Horizontal) PX-7 Engine Only	1	
157.	No California Emission Requirements	1	
158.	Kenworth 56 Gallon Fuel Tank (Under Cab Left Hand)	1	
159.	Other Chassis DEF Tank small round 11gal located LH	1	
160.	Other Seat Options DR - Static HB with dual armrests Rider Seat: Kenwirth toolbox plus HB Vinyl	1	

Additional Pricing

161.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	
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Unit / Body / Chassis Total	Unit / Body / Chassis Total	171,941.00
	FET Total	0.00
	Total	171,941.00

Altec Industries, Inc.

BY _____

Lucinda T Oliver

Notes:

1 These options are not included in the quote total price. Selected options will change the quote total. Any options added after initial order will be re-quoted

1) 5 year extended warranty - full (Labor, material, expense, travel)
ADD \$5173.00

2) Yearly PM inspection and dielectric testing = 765.00 per year, for 5 years:
ADD \$3,825.00

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3) Trade In Value for Vehicle V698129

Deduct \$10,000.00

2 F.O.B. - Destination

3 Delivery: 260-280 days after receipt of order PROVIDING:

A. Order is received within 14 days from the date of the quote. If initial timeframe expires, please contact your Altec representative for an updated delivery commitment.

B. Chassis is received a minimum of sixty (60) days before scheduled delivery.

C. Customer approval drawings are returned by requested date.

D. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.

E. Customer expectations are accurately captured prior to releasing the order. Unexpected additions or changes made at a customer inspection will delay the delivery of the vehicle.

Altec reserves the right to change suppliers in order to meet customer delivery requirements, unless specifically identified, by the customer, during the quote and or ordering process.

4 This quotation is valid for 45 days. After this date, please contact Altec Industries, Inc. for a possible extension.

5 Please direct all questions to
Steve Bytof
570-991-1360