



April 29, 2022
Our 93rd Year

Ship To:
CITY OF COLUMBUS (OH)
3500 INDIANOLA AVE
Columbus, OH 43214
US

Bill To:
CITY OF COLUMBUS (OH)
4211 GROVES RD
Columbus, OH 43232-4104
United States

Attn:
Phone:
Email:

Altec Quotation Number: 1166887 - 1
Account Manager: John Travis Founds
Technical Sales Rep: Joe Kedanis

Unit / Body / Chassis Total 351,321.00 x 2 trucks \$702,642.00
Contingency Funds \$20,000.00
Total \$722,642.00

replaces BT21697 & BT21913

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
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- | <u>Item</u> | <u>Description</u> | <u>Qty</u> | <u>Price</u> |
|-------------|---|------------|--------------|
| 1. | <p>Altec Model TA60 Articulating Telescopic Aerial Device with a fiberglass upper boom and fiberglass insulator in the articulating arm and a proportional joystick upper control and toggle switches. Built in accordance to ALTEC's standard specifications and to include the following features:</p> <ul style="list-style-type: none"> A. Ground to Bottom of Platform Height: 59.8 ft at 14.3 ft from centerline of rotation (18.2 m at 4.4 m) B. Working Height: 64.8 ft (19.8 m) C. Maximum reach to edge of platform: 40.1 ft at 26.6 ft platform height (12.2 m at 8.1 m) D. Continuous Rotation E. Articulating Arm Articulation: 0 to 93 degrees. Insulator provides a minimum of 12 in (304.8 mm) of isolation. F. Articulating arm is a 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 maintains 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. G. Upper Boom Articulation: -25 to 75 degrees. Insulator provides minimum of 36.0 in (914.4 mm) of isolation. The telescopic upper boom is filament wound, square fiberglass that 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. H. Upper Controls: The upper controls system includes a proportional joystick upper control and toggle switches. I. Two sets of quick disconnect couplings at the platform. The open center hydraulic system on this unit requires the use of open center tools. J. The Altec ISO-Grip System (U.S. Patent No. 7,416,053) includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. This is not a primary protection system. Control Handle is a single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microamperes of leakage. | 1 | |

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	The control handle is green in color to differentiate it from other non-tested controllers. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation. The handle is tiller style and points away from elbow. Auxiliary control covers are non-tested blue silicon covers. The control console in non-tested non-metallic control console plate. The boom tip covers are non-tested non metallic and are not dielectrically tested, but they may provide some protection against electrical hazards.		
K.	Lifting eye: on lower boom with 1000 lb. capacity.		
L.	Lower Controls: A lower control station includes and is located on the curbside of the turntable. A selector valve is provided to override the upper controls.		
M.	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.		
N.	Outrigger/boom interlock system prevents boom from being unstowed until outriggers have been at least partially deployed.		
O.	Outrigger/unit selector control is 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.		
P.	Outrigger motion alarm provides audible alarm when any of the outriggers controls are operated.		
Q.	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 convenient troubleshooting feature saves time and reduces the risk of high pressure oil sprays.		
R.	Unit meets or exceeds ANSI 92.2 standards.		
2.	Automatic Upper Boom Stow Securing System with support cradle.	1	
3.	Pedestal, Rear Mount, High Cab Height - includes 43 inch (1092 mm) pedestal height, 91.5 inch (2324 mm) mast height - recommended for T55 and TA60, installed in tall cab height chassis	1	
4.	219 Single Two-Man Platform - Platform end mounted, rotates 180 degrees around boom tip. Platform has a capacity of 600lbs without liner. This option does not include material handling.	1	
5.	259 Polyethylene platform liner for two man platform, 50 kV rating (minimum)	1	
6.	Tool Circuit At Boom Tip, Additional Tool Outlet Set (TA End Mount)	1	
7.	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, platform, and outriggers. Secondary Stowage & Start/Stop is activated with an air plunger at the platform or momentary switch at the lower control station and outriggers.	1	

Include two speed throttle

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
8.	Electric Over Hydraulic Outrigger Controls	1	
9.	241 - Outrigger A-Frame with Flat-shoe - provides 149 inch (3785 mm) maximum spread outside to outside of shoe.	1	
10.	240 Modified flat-shoe, A-frame, Fixed Shoe, Outrigger installed at rear of body, with 101 inches (2565 mm) of spread at maximum penetration.	1	
11.	Custom unit color (specify color code). NAV4015	1	
12.	Custom Above Rotation Color NAV4015	1	
13.	Custom Pedestal/Tower Color NAV4015	1	
14.	Custom Inner Outrigger Leg Color NAV4015	1	
15.	Custom Outrigger Housing Color NAV4015	1	
16.	Custom Hydraulic Oil not Required, Compatible with Standard	1	
17.	HYBRID READY UNIT: For personnel, single platform machines. Unit will be manufactured with all the necessary components including modules and controls to interface to a hybrid system.	1	
<u>Unit & Hydraulic Acc.</u>			
18.	Scuff Pad 24 x 48 With Step For Use With Platform Liner (U&H Acc)	1	
19.	Platform Cover, 24 x 48, Soft Vinyl	1	
20.	TA50/55/60 Series Subbase	1	
21.	Subbase Blocks	1	
22.	Temperature Sight Gauge (FA Supplied)	1	
23.	30 Gallon Reservoir, Triangular, Sight/Temperature Guage Installed, Mounted in Cargo Area	1	
24.	Hydraulic Reservoir Guard Custom Option 1 -Hydraulic reservoir with lid.	1	
25.	HVI-22 Hydraulic Oil (Standard)	38	
26.	Standard Pump for PTO	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
27.	Muncie PTO	1	
28.	Hot Shift PTO (for Automatic Transmission)	1	
29.	Standard Altec PTO/Transmission Functionality with Park Brake Auto Neutral for Allison Automatic Transmissions: -Once the PTO switch is on, the Parking Brake is engaged, and the transmission is in a near stationary condition (i.e., below 5 mph) the transmission will be forced to neutral, and PTO will engage.	1	
30.	Standard Parking Brake Machine Interlock: Parking (holding) brake must be set before machine is operable.	1	
31.	Altec recommends any connection made to the tool circuit be done with Non-Conductive hose. If ordering a Hose reel, Altec recommends ordering a hose reel with Non-Conductive hose. The lower tool circuit hoses may be, or become, conductive. Death or serious injury could occur if the unit becomes energized while lower tool circuit is in use.	1	
32.	Install Tool Circuit With Quick Disconnects Below Rotation (Male Pressure Female Return), No Hose Reel	1	
33.	Misc Hydraulic Tool Custom Option 1 -H8508 Greenlee impact wrench with 10ft hose kit and QD's	1	
34.	Misc Hydraulic Tool Custom Option 2 -Greenlee crimping press PN 900049345	1	
35.	Misc Hydraulic Tool Custom Option 3 -Greenlee impact wrench PN 701069023	1	
36.	Misc Hydraulic Tool Custom Option 4 -LPK1240 Greenlee crimping press with 10ft hose kit and QD's	1	
37.	Flow Divider, Optional for Variable Tool Control - for installation of tools at tailshelf	1	
38.	Electro/Hydraulic Outrigger Valve Installation, Large TA Fts	1	
39.	Additional Unit/Hydraulic Accessory Greenlee crimping press PN 900049345	1	
40.	Additional Unit/Hydraulic Accessory Greenlee impact wrench PN 701069023	1	
41.	Additional Unit/Hydraulic Accessory LPK1240 Greenlee crimping press with 10ft hose kit and QD's	1	

Body

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
42.	Altec Body	1	
43.	Aluminum Body	1	
44.	Body Is To Be Built In Accordance With The Following Altec Standard Specifications:	1	
	A. Basic Body Fabricated From 3003 Grade Mill finish Aluminum.		
	B. All Doors Are Full, Double Paneled, Self-Sealed With Built-In Drainage For Maximum Weather-Tightness. Aluminum Hinge Rods Extend Full Length Of Door.		
	C. Welded Aluminum Frame Construction With Structural Channel Crossmembers.		
	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. Aluminum Treated For Improved Primer Bond And Corrosion Resistance.		
	G. Automotive Type Non-Porous Door Seals Fastened To The Door Facing.		
45.	Smooth Aluminum Floor	1	
46.	Aerial Service Line With Step (ASLS)	1	
47.	Finish Paint Body Custom Color (Provide Color And Code)	1	
	NAV4015		
48.	Undercoat Body	1	
49.	Approximate Body Length (Engineering to Determine Final Length)	1	
	150"		
50.	94" Body Width	1	
51.	46" Body Compartment Height	1	
52.	18" Body Compartment Depth	1	
53.	2 x 6 Drop-In Composite Retaining Board At Top Of Side Access	1	
54.	JEMS Battery Enclosure (JBE) located in cargo area of Body	1	
55.	Rope Lights (LED) Around Top And Sides Of Compartment Door Facings	8	
	To turn on only when truck is in park.		
56.	Stainless Steel Rotary Paddle Latches With Keyed Locks	9	
57.	All Locks Keyed Alike Including Accessories (Preferred Option)	1	
58.	Standard Master Body Locking System	9	
59.	Gas Prop Rigid Door Holders On All Vertical Doors	1	
60.	One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel	1	
61.	Hotstick Shelf Extending Full Length Of Body On Streetside	1	
62.	Two Hotstick Brackets On Streetside	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
63.	Standard Drop-Down Hotstick Door For One (1) Shelf On Streetside, Stainless Steel Slam Paddle Latch With Keyed Lock	1	
64.	1st Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers	2	
65.	2nd Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers	2	
66.	3rd Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers	2	
67.	1st Horizontal (SS) - Fixed Shelf With Removable Dividers On 4 Inch Centers On Bottom of Compartment	1	
68.	Rear Vertical (SS) - Adjustable Shelf With Removable Dividers On 4" Centers	2	
69.	1st Vertical (CS) - Partial Transverse Compartment Extending To The Rear Wall Of the Streetside	1	
70.	1st Vertical (CS) - Transverse Shelf	1	
71.	1st Vertical (CS) - 4 Inch High Transverse Drawer Kit On Slides, As Wide As Possible And Full Length, No Dividers (Slides To CS Only)	2	
	Dividers on 6" centers. Wood lined. rated for up to 500lbs and with heavy duty latches.		
72.	1st Vertical (CS) - Inverter Storage Inside Of Body Compartment With Guard And Provisions For Remote GFCI Receptacle (Mounted On Top Shelf Unless Otherwise Specified)	1	
	-Bottom of CS 1st per reference build.		
73.	2nd Vertical (CS) - Gripstrut Access Steps With Two (2) Sloped Grab Handles	1	
74.	3rd Vertical (CS) - Adjustable Shelf With Removable Dividers On 4" Centers	2	
75.	1st Horizontal (CS) - 4" High Drawer Kit On Slides, As Wide As Possible, Latched	4	
	Dividers on 4 inch centers		
76.	36" L Aluminum Tailshelf, Width To Match Body	1	
77.	Custom Aluminum Tailshelf Option	1	
	8" high removable composite retainer around all 3 sides of of tailshelf.		
78.	Smooth Aluminum Tailshelf Floor	1	
79.	Custom Aluminum Ladder Storage	1	
	-Aluminum ladder box		
	-8 inches high x full length of SS compartment top x 20 inches wide.		
	-Dog collar retainer.		
	-Roller at rear.		
80.	Battery Storage In Remote Aluminum Enclosure, Located Outside Of Body Compartments	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
81.	Aluminum Designator	1	
<u>Body and Chassis Accessories</u>			
82.	Set of Safety Chain D-Rings	1	
83.	Swivel Style Pintle Hitch (30 000 LB MGTW with 6 000 LB MVL), 11-Bolt T-Mount, Altec Preferred (T-125 Style), D-Rings, No Dock Bumper, 4x2/6x4 -24 inch mounting height from ground to load bearing surface.	1	
84.	ICC (Underride Protection) Bumper with Gripstrut Steps, Installed on Curbside and Streetside	1	
85.	Eyebolt for Trailer Breakaway Cable, 3/8 Inch	1	
86.	Rear Window Guard, 62 L x 20 H, typically mounted to Boom Rest	1	
87.	Rubber Belted Step, 12 H 7 D 24 W, Aluminum, Mounted Beneath Side Access Steps (Installed to Extend Approx. 2 Outward)	1	
88.	Platform Access Step from Body Floor	1	
89.	Mounting Brackets for Lights, Located on Lower Boom Rest	1	
90.	Lower Boom Rest	1	
91.	Platform Rest, Rigid with Rubber Tube	1	
92.	Plastic Outrigger Pad, 18" x 18" x 1"; With Handle	4	
93.	Outrigger Pad Holder, 20 L x 20 W x 3 H Fits 19.5 x 19.5 x 2 and Smaller Pads Bolt-On Bottom, Washout Holes with 3/4 Inch Lip Retainer, Steel -Install one near each outrigger.	4	
94.	Pendulum Retainers for Outrigger Pad Holders	4	
95.	Wheel Chocks Rubber with Metal Hairpin Handle 9.75 L x 7.75 W x 5 H (Pair) (Altec Preferred)	1	
96.	Mud Flaps with Altec Logo (Pair) -Rearward of front and rear tires.	2	
97.	5 LB Fire Extinguisher with Heavy Duty Bracket Installed Per DEPS 042 (Amerex #B402T)	1	
98.	Safety Harness and 4.5 Ft Lanyard (Fits Medium to Xlarge) Includes Pouch and Placards, Single Platform	2	
99.	Triangular Reflector Kit (Contains 3 Reflectors), Shipped Per DEPS 042	1	
100.	Slope Indicator Assembly for Machine with Outrigger	1	
101.	Vinyl Manual Pouch for Storage of All Operator and Parts Manuals	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
102.	Send Out for Spring Build Up	1	
103.	Sight Rods, Nylon, 48 inches, Fluorescent Orange (Pair), Mounted on Front Bumper Winch	1	
104.	Additional Body/Chassis Accessory tiered light bracket one each side of boomrest for mounting strobes, go lights, and perimeter lights.	1	
105.	Additional Body/Chassis Accessory Grab handle to extend from rear of body to rear of tailshelf on CS	1	
<u>Electrical Accessories</u>			
106.	Compartment Lights Wired To Dash Mounted Master Switch	1	
107.	Lights And Reflectors In Accordance With FMVSS 108 (Complete LED)	1	
108.	Strobe Beacon, Amber, LED, With Brush Guard (Tecniq #K10-AAAD-1), Class II (Permit May Be Required) -One each side of boomrest.	2	
109.	6-Position Strobes, Amber, LED, Two (2) Surface Mounted Lights In Grille, Two (2) Oval Lights On Body Sides, Two (2) Round Lights At Rear, Class II (Permit May Be Required) -2 additional lights on rear CS and SS corners of body. -8 total strobes all wired to light bar switch.	1	
110.	Strobe Lights Wired Ignition Hot	1	
111.	Directional Light Bar Option -Ecco part number ECC1200001E amber light bar with alley lights, take down lights, and controller. Install on top of cab.	1	
112.	Cargo Light, LED, 4 DIA, Grommet Mounted (Tecniq #T41-WC0T-1) -Mounted in CS rear cargo wall as high up on the wall as possible.	1	
113.	Flood Light, LED, With Aluminum Housing, 4.25 W x 4.25 H, No Switch on the Light (Hella #H71030401) (Altec Preferred) - 2 reverse lights mounted in ICC area, one each on outboard face of frame rails	2	
114.	Perimeter/Underbody Lights, LED, Black (Pair) (Whelen #PELCB) -One near each outrigger.	2	
115.	Remote Spot Light, LED, Permanent Mount, With Wireless Dash Mounted Controls And Programmable Wireless Remote (Go-Light #20074)	2	

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	-Mount on tiered bracket one each side of boomrest. Wired battery hot. Reference DJ 682012021 for tiered bracket		
116.	Auxiliary Lighting Wired Ignition Hot	1	
117.	Dual Tone Backup Alarm With Outrigger Motion Alarm	1	
118.	Altec Standard Multi-Point Grounding System	3	
119.	Altec Backup Camera System, 7 Inch Color LCD Monitor, Heated Infrared Camera With Day/Night Sensor And Audio	1	
	A. 7 Inch 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		
120.	Install backup camera monitor on the front windshield in lieu of the rearview mirror.	1	
121.	Relocate Trailer Receptacle Supplied With Chassis	1	
122.	Trailer Receptacle, 7-Way (Pin Type) Installed At Rear	1	
123.	Trailer Brake Controller, Electric (Tekonsha Voyager #9030)	1	
124.	Altec Modular Panel System (AMPS) - Includes Mounting Panel And Accessory Switches	1	
125.	Inverter Wired Ignition Hot To Switch Mounted In Chassis Cab	1	
126.	Pre-Wire Power Distribution Module 10 is a Compact Self-Contained Electronic System that Provides a Standardized Interface with the Chassis Electrical System	1	
127.	Install Secondary Stowage and Remote Start/Stop System in Final Assembly	1	
128.	Install Outrigger Interlock System In Final Assembly	1	
129.	Boom Out Of Stow Indicator With Magnetic Proximity Switch. Proximity switch installed on the boom rest. Indicator light installed in the chassis cab to illuminate when the unit is out of the rest.	1	
130.	Install Altec Telematics Control Unit (TCU) (Verizon), Includes In Cab Antenna	1	
131.	Additional Electrical Accessory	1	
	-Customer supplied Motorola 2 way radio installed in the cab with all needed antennas and wiring. weatherproof outside radio speaker installed and wired into the motorola radio with a selector switch for radio output selection (in cab v. outside of cab)		

Finishing Details

132.	Front and Rear Frame Mounted Components and Under Body Mounted Components Will Be Painted Black DEPS 005 DEPS 095 (Includes Non OEM Front Bumpers and	1	
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	Cabguards)		
133.	Custom Above Rotation Color NAV4015	1	
134.	Custom Pedestal Color NAV4015	1	
135.	Custom Inner Outrigger Leg Color NAV4015	1	
136.	Custom Outrigger Housing Color NAV4015	1	
137.	Finish Paint Body Accessories Custom Color (Specify Color Code) -NAV4015	1	
138.	Apply Non-Skid Coating (Black) to All Walking Surfaces DEPS 057	1	
139.	Heavy Duty Cargo Coating, Gator Hyde -Cargo area and tailshelf floor.	1	
140.	Altec Greenfleet Decals	1	
141.	Safety and Instructional Decals English	1	
142.	Vehicle Height Placard Installed In Cab DEPS 002	1	
143.	HVI-22 Hydraulic Oil Placard	1	
144.	DOT Certification Required -City of Columbus, OH	1	
145.	Dielectric Test Unit According to ANSI Requirements	1	
146.	Stability Test Unit According to ANSI Requirements	1	
147.	Focus Factory Build	1	
148.	Delivery Of Completed Unit	1	
149.	Inbound Freight	1	
150.	As Built Electrical and Hydraulic Schematics to be Included In the Manual Pouch (Deps 024)	1	
151.	Completed Test Forms To Be Included In The Manual Pouch: -Stability Test Form -Dielectric Test Form (For Insulated Units)	1	
152.	JEMS S Hybrid System Installation	1	

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153.	TA60 FA Installation	1	
Hybrid			
154.	JEMS S	1	
	<p>A. JEMS S will automatically shut off the engine to prevent vehicle idle if the integral safety interlocks are met: 1) Vehicle transmission is in park / neutral 2) Parking brake is satisfied (for chassis equipped with air-brakes) 3) JEMS Disconnect is not engaged. Interlocks will prevent the engine from automatically starting if the hood is open.</p> <p>B. Battery System: 4.4 kWhr, 100 Ah, 44 V lithium ion battery pack. JEMS battery pack includes a standard, internally integrated battery warming system. Pack installed inside a rugged, powder coat painted JEMS battery enclosure (JBE). Battery modules designed and tested to UN 38.3 including: a) Altitude Simulation b) Thermal Test c) Vibration d) Shock e) External Short Circuit</p> <p>C. Accessory Support: Step-down DC to DC voltage converter for providing power to 12 V accessories. 3000 W, 214 A maximum output. Safety features include output isolation and thermal shutdown.</p> <p>D. Battery Management Controller: Connects to battery modules via an RS-485 interface. The BMC collects data from each battery module, aggregates the data, and makes charge / discharge / health decisions based on values such as minimum voltage, maximum temperature, etc.</p> <p>E. JEMS Indicator: An LED backlit in-cab JEMS indicator provides the operator information on JEMS battery state of charge (SOC) and system status.</p> <p>F. Charging Inlet: SAE J1772 charging inlet located street side between the front of the body and the back of the cab allows for Level 1 or 2 charging.</p> <p>G. Charger: 1200 W battery charger with active cooling, 25 A maximum DC output current, 44 V output voltage. IP66 rated enclosure. California Energy Commission (CEC) compliant. UL 1564 compliant.</p> <p>H. PTO Integration (If Equipped): JEMS S is integrated with the in cab mechanical PTO switch, if equipped. With the PTO switch ON, the PTO will automatically engage when the engine is started from the ignition or the remote start / stop controls. The vehicle will automatically transition back into JEMS mode once the vehicle engine is turned off using the remote start / stop controls.</p> <p>I. Chassis Battery Support: While in JEMS mode, the system monitors chassis battery voltage and supplements chassis battery loads. The engine may start if the chassis battery voltage drops below a pre-determined level.</p> <p>J. JEMS Disconnect: A yellow disconnect button will be installed on the vehicle to disable operation of the system for maintenance, testing, or first responders. While engaged, the disconnect prevents the system from charging or discharging.</p> <p>K. JEMS Connect Data Portal: Three-year subscription to JEMS Connect data portal for tracking data at both a fleet and asset specific level. Fleet managers can track near-real time information such as fuel, engine hour, and emissions savings. JEMS Connect can also be used to track utilization and plug-in data. JEMS Connect data is accessed via Altec Connect website.</p>		
155.	no ePTO	1	
156.	JEMS Battery Enclosure Installation: inside cargo area, streetside, front of body, connectors facing cab.	1	
157.	Engine-off AC: Patented engine-off air conditioning system delivers cold air directly	1	

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	through the factory vents. JEMS monitors the chassis fan and blower settings in order to automatically manage cabin temperatures.		
158.	Fuel fired heater: 12 V fuel fired coolant heater delivers warm air directly through the factory vents. Diesel fuel type. Extreme Heating utilizes a fuel fired heater to provide powerful engine off heat in extreme cold climates through the factory controls and vents.	1	
159.	JEMS A/C Enclosure Installation: on boom stow, reinforcement required Non-connector side louvers to have 2 of clearance. Connector side to have a wire guard and 4 of clearance from the guard.	1	
160.	JEMS automatic anti-idle maximizes engine-off time by managing the chassis engine while in park / neutral at the jobsite. The vehicle will automatically start when the JEMS or chassis battery reaches a low, pre-determined level of charge.	1	
161.	Mobile / Jobsite Charge: Optional opportunity charge system, step-up DC to DC voltage converter uses 12 V energy from the vehicle alternator to charge both the JEMS and chassis battery systems. Mobile / jobsite charging system engages automatically when the JEMS lithium battery or chassis battery reaches a pre-determined level at the jobsite or while the vehicle's engine is running. 3000 W, 214 amp maximum output. Safety features include output isolation and thermal shutdown.	1	
162.	25ft Level 1, EVSE Style J1772 adapter for 110-120VAC, 15A, NEMA 5-15 For Plug-In Charging provided as a ship-loose item located in compartment	1	
<u>Chassis</u>			
163.	Altec Supplied Chassis	1	
164.	Chassis	1	
165.	Other Chassis Model Year 2026	1	
166.	International MV607	1	
167.	4x2	1	
168.	108 Clear CA (Round To Next Whole Number)	1	
169.	Extended Cab (Larger Cab With Half-Length Rear Doors Or No Rear Doors)	1	
170.	Low-Profile Hood	1	
171.	Chassis Cab	1	
172.	Dual Rear Wheel	1	
173.	Set Back Axle	1	
174.	Other Chassis Color NAV4015	1	
175.	Chassis Wheelbase Length - 202	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
176.	Cummins L9	1	
177.	Diesel	1	
178.	325 HP Engine Rating	1	
179.	Allison 3000 RDS Automatic Transmission (Left and Right Side PTO Openings Only)	1	
180.	GVWR 37,000 LBS	1	
181.	14,000 LBS Front GAWR	1	
182.	Spring Suspension	1	
183.	23,000 LBS Rear GAWR	1	
184.	Air Brakes	1	
185.	Park Brake In Rear Wheels	1	
186.	07BKS - International Exhaust (Right-Horizontal-Undercab-Vertical) (Cummins Engine Only) - Rear Wheel Drive Applications	1	
187.	16XJV - International Dash Cutout for Switch Panel	1	
188.	International - Disallow Regen while in PTO mode (13WEV)	1	
189.	International Heavy Duty Tail Light Wiring (08HAB)	1	
190.	International Transmission Dipstick Tube Enters Curbside of Transmission (13WGH)	1	
191.	International Vertical Exhaust To Be Even With Top Of Cab (07WCM) and (07WAZ)	1	
192.	International - Pre-Wire Chassis with Cab Pass-Thru (8HBE)	1	
193.	EPA Emissions	1	
194.	No Clean Idle Certification Required	1	
195.	15SXJ - International 50 Gallon Fuel Tank Non-Polished (Under Cab Left Hand)	1	
196.	15WDG - International 7 Gallon DEF Tank (Under Cab Left Hand)	1	
197.	120,000 Yield Strength (PSI)	1	
198.	3 Chassis Batteries	1	
199.	Other Battery Capacity (CCA) 650 CCA each battery	1	
200.	Battery Under Cab Left Hand	1	
201.	Air Horn Under Cab	1	
202.	AM/FM Radio	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
203.	Bluetooth	1	
204.	12V DC Power Outlet	1	
205.	Air Conditioning	1	
206.	Cruise Control	1	
207.	Keyless Entry	1	
208.	Power Door Locks	1	
209.	Power Windows	1	
210.	Tilt Steering Wheel	1	
211.	Tinted Windshield	1	
212.	Other Interior Cab Options	1	
	USB charging port		
213.	Single Alternator (300 amp Minimum)	1	
214.	Block Heater	1	
215.	Driver Controlled Locking Differential	1	
216.	Fiberglass Tilting Hood	1	
217.	Trailer Air Brake Package	1	
218.	Other Exterior Cab Options	1	
	Two front tow hooks		
219.	Air Ride Drivers Seat	1	
	Bucket seats with armrests		
220.	Air Ride Passenger Seat	1	
	Bucket seats with armrests		
221.	Other Seat Options	1	
	Rear bench seat		
222.	Additional Chassis Option	1	
	Electronic road speed governor 65-70mph		
223.	Additional Chassis Option	1	
	Remote engine control for body builder		
224.	Additional Chassis Option	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	Antifreeze shall be Nitrite and Sillicate free OAT coolant		
225.	Additional Chassis Option Cold starting package.	1	
226.	Additional Chassis Option Heated fuel/water separator	1	
227.	Additional Chassis Option Air dryer equipped with heater	1	
228.	Additional Chassis Option 185 amp alternator	1	
229.	Additional Chassis Option Battery disconnect	1	
230.	Additional Chassis Option Two hood mounted blind spot mirrors.	1	
231.	Additional Chassis Option Wheels painted white	1	
232.	Additional Chassis Option 3 sets of keys	1	

Additional Pricing

233.	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	
234.	Federal Excise Tax Item: If provided, Quote subtotal is an Estimate only. Final determined at invoicing.	1	

Miscellaneous

235.	Altec Provided Training	1	
236.	JEMS Connect: 12-months of access, from date of inservice, to JEMS Connect, which provides JEMS performance metrics and insights at both a fleet and asset level. JEMS Connect content is managed and delivered through your Altec Connect account. Access is for the first owner, non-transferrable, and non-refundable. Terms and exclusions apply (e.g., Terms and Conditions, and Warranty).	1	

Unit / Body / Chassis Total	351,321.00
FET Total	0.00
Total	351,321.00

Altec Industries, Inc.

x 2 trucks \$702,642.00
Contingency Funds \$20,000.00

BY _____

Total \$722,642.00

replaces BT21697 & BT21913

Joe Kedanis

Notes:

- 1 Altec will make every effort to honor this quotation. However, if major and irregular cost inflation occurs, price may be reviewed and confirmed closer to the production date.

For a quoted chassis model year beyond the current open order bank, chassis model year, specifications and price should be considered estimates only and subject to change. Chassis model year, specifications and price will be reviewed and confirmed when specific model year information becomes available from the OEM.
- 2 Altec takes pride in offering solutions that provide a safer work environment for our customers. In an effort to focus on safety, we would encourage you to consider the following items:

 - Outrigger pads (When Applicable)
 - Fall Protection System
 - Fire extinguisher/DOT kit
 - Platform Liner (When Applicable)
 - Altec Sentry Training
 - Wheel Chocks

The aforementioned equipment can be offered in our new equipment quotations. If you find that any of these items have not been listed as priced options with an item number in the body of your quotation and are required by your company, we would encourage you to contact your Altec Account Manager and have an updated quote version sent to you. These options must be listed with an item number in the quotation for them to be supplied by Altec.
- 3 The final fully loaded weight of the truck and structural ratings of the hitch assembly may reduce the towing capacity and the vertical load capacity of the finished truck. These capacities may not match the ratings of the chassis or hitch.
- 4 Altec Extended Warranty Option:

An Altec Extended Warranty is an extension of Altec's Limited Warranty and protects you from the repair cost associated with defects of materials and workmanship after the standard Limited Warranty expires.

Altec offers many types of coverages and coverage packages. Ask your Altec account manager for details. Quotes are available upon request.
- 5 Unless otherwise noted, all measurements used in this quote are based on a 40 inch (1016mm) chassis frame height and standard cab height for standard configurations.
- 6 Altec Standard Warranty:

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One (1) year parts warranty.

One (1) year labor warranty.

Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following 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.

Altec is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts

Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards

7 Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.

8 F.O.B. - #FOB_TERMS#

9 Altec values your data privacy. The Altec Family of Companies (including Altec, Inc., and it's subsidiaries) may collect telematics data from the equipment you own. Please review Altec's Equipment Data Privacy Notice on www.altec.com for more information. By purchasing equipment from Altec, you consent to Altec's right to collect and use such data.

10 Interest charge of 1/2% per month to be added for late payment.

11 Changes made to this order may affect whether or not this vehicle is subject to F.E.T. A review will be made at the time of invoicing and any applicable F.E.T. will be added to the invoice amount.

12 Trade-in offer is conditional upon equipment being maintained to DOT (Department of Transportation) operating and safety standards and remaining in compliance of DOT until arrival at an Altec Facility. This will include, but is not limited to engine, tires, lights, brakes, glass, etc. All equipment, i.e., jibs, winches, pintle hooks, trailer connectors, etc., are to remain with unit unless otherwise agreed upon in writing by both parties. ALTEC Industries reserves the right to re-negotiate its trade-in offer if these conditions are not met.

All reasonable and necessary expenses required of ALTEC Industries to execute transportation of the trade-in will be invoiced to the customer for payment if these conditions are not met to maintain DOT standards.

Customer may exercise the option to rescind this agreement in writing within sixty (60) days after receipt of purchase order. After that time ALTEC Industries will expect receipt of trade-in vehicle upon delivery of new equipment as part of the terms of the purchase order unless other arrangements have been made.

13 Any payment made by a credit card may be subject to a surcharge fee.

14 Estimated Delivery: 39-42 months after receipt of order PROVIDING:

A. Customer supplied chassis is received a minimum of sixty (60) days before scheduled delivery.

B. Customer approval drawings are returned by requested date.

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

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D. Customer expectations are accurately captured prior to major components being ordered (body, chassis) and line set date. Unexpected additions or changes made after this time or at a customer inspection will delay the delivery of the vehicle.

Estimated Delivery is based on information at time of quote and is subject to change.

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.

- 15 After the initial warranty period, Altec Industries, Inc. offers mobile service units, in-shop service and same day parts shipments on most parts from service locations nationwide at an additional competitive labor and parts rate. Call 877-GO-ALTEC for all of your Parts and Service needs.
- 16 This quotation is valid until #EXPIRE_DATE#. After this date, please contact Altec Industries, Inc. for a possible extension.
- 17 FINANCING AVAILABLE: Please contact Altec Capital at (888) 408-8148 or email finance@altec.com for more information.
- 18 Please direct all questions to John Travis Founds at