

**From:** Adam Cox <[Adam.Cox@altec.com](mailto:Adam.Cox@altec.com)>  
**Sent:** Wednesday, December 20, 2023 11:46 AM  
**To:** Ney, Rick <[Rick.Ney@sheboyganwi.gov](mailto:Rick.Ney@sheboyganwi.gov)>  
**Subject:** RE: Altec truck

Rick,

See updated quote below to reflect the addition of a disconnect switch. Let me know if you have any questions; thank you again for the opportunity.

Major unit	\$205,646
Shipping	1,896
Boxes and Tools	<u>18,148</u>
Total	\$225,690

Customer				Service Request	
Estimate #	913264			Service Request #	5902624
Customer	CITY OF SHEBOYGAN			Unit Information	
Account #	1008510	Payment Terms	CREDIT CARD	Customer Vehicle #	
Contact	TIM BULL			Model	LR8-60E70RM
Email	timothy.bull@sheboyganwi.gov			Chassis VIN #	1FVACWFDXRHVF5948
Phone		Fax		Mileage	
Mobile				Unit Serial #	1023JF4676
Altec Representative				Assy Serial #(FA)	027-1003706464
Contact	Jeffrey G Lawrence			In-Service Date	
Email	Jeff.Lawrence@altec.com				
Phone	920-289-0664	Fax			
This Estimate Expires: 09-FEB-24					
Notes:					

Item	Description	Hours	Labor	Material	Expenses	Total
1	INSTALL CUSTOMER REQUESTED STORAGE BOXES (2 UNDERBODY, 1 THROUGH BOX, 1 S/S FRONT OPENING BOX)	10.00	\$1,390.00	\$10,119.75	\$0.00	\$11,509.75
2	PROVIDE CUSTOMER WITH REQUESTED TOOLS/ACCESSORIES	0.00	\$0.00	\$5,407.30	\$0.00	\$5,407.30
3	~OPERATIONAL TEST	0.25	\$34.75	\$0.00	\$0.00	\$34.75
4	SUPPLIES AND ENVIRONMENTAL DISPOSAL FEES	0.00	\$0.00	\$0.00	\$41.25	\$41.25
5	FREIGHT ESTIMATE	0.00	\$0.00	\$0.00	\$1,155.00	\$1,155.00
Totals		10.25	\$1,424.75	\$15,527.05	\$1,196.25	\$18,148.05

\*This estimate is provided with the understanding that items may be discovered during the repair process that may require additional labor and/or materials to repair. Examples would include, but are not limited to, hidden damages or items that were not clearly visible or known at the time of estimate, damaged internal components, fasteners and pins that may be rusted, seized or broken.

\*\*This estimate does not include City, County, State or Federal taxes.

\*\*\*Transportation or towing of the vehicle is not included in the estimate unless specified.

\*\*\*\*Freight charges are estimated and may be adjusted to reflect the actual cost incurred on the invoice.

Please sign below to authorize this estimate			
Printed Name:	P.O.		Date:
Signature:			Would you like to keep salvageable parts removed from the unit?
			Yes No

## **Altec Service Group Limited Warranty**

Products rebuilt or repaired by Altec Service Group are warranted to be free from defects in material and workmanship at the time of rebuild/repair subject to the following provisions:

- § Labor Coverage: For a period of six (6) months following the date of repair, no charge for labor shall be made for a repair or replacement by the Altec Service Group.
- § Travel Coverage: For a period of thirty (30) days following the date of repair, no charge for travel shall be made for a repair or replacement at the customers location by the Altec Service Group.
- § Parts Coverage: For a period of one (1) year following the date of repair, Altec will at its option, repair or replace any part found to be defective in material or workmanship at the time of repair.
- § This warranty is limited to parts that are repaired or replaced by the Altec Service Group. Authorization and coverage of this warranty will be at the discretion of the Altec Service Group.
- § Accessory items are excluded from this warranty and will be warranted from the original manufacturer.

This limited warranty is expressly in lieu of any other warranties, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Except as specified above, no associate, agent or representative of Altec is authorized to extend any warranty on Altec's behalf. Remedies under this limited warranty are expressly limited to the provision and installation of parts and labor, as specified above, and any claims for other loss or damages of any type (including, but not limited to, loss from failure of the product to operate for any period of time, other economic or moral loss, or direct, immediate, special, indirect, incidental or consequential damage) are expressly excluded.

Ser War 2-10 Altec Industries, Inc.

October 23, 2023  
Our 94th Year**Ship To:**  
TBD**Bill To:**  
TBD**Altec Sales Order:** 7429796  
**Altec Quotation Number:** 1421962 - 2  
**Run Number:** 1378983  
**Account Manager:**  
**Technical Sales Rep:**  
**Reference WO:**  
**Customer Inspection:**  
**Customer Truck Number:****X7 Discrete Job:** 1015316317  
**X7 Configured Item:** 000000000-32558850  
**Quantity:** 1  
**X4 Discrete Job:** 1016691594  
**X4 Configured Item:** 000024004-32558846  
**System Engineer:** Kyle Crist  
**Structural Engineer:** Kyle Crist  
**Line Set Date:** 05/11/2023

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	<u>Unit</u>	
1.	ALTEC Model LR8-60E70RM Articulating Overcenter Aerial Device with an insulating lower boom, insulating upper boom and the Altec ISO-Grip insulating system at the boom tip. For installation over the rear axle and to include the following features:	1
2.	Manual Upper Boom Stow Securing System with support cradle and tie down strap.	1
3.	Elevator Pedestal	1
4.	Single, One (1) Man, Fiberglass Platform; fixed side mounted. 24 x 24 x 39 inches.  Altec Patented ISO-Grip Insulating, Proportional Speed, Upper Control Handle - with safety interlock and interlock guard. Located on the side of the platform nearest the upper boom, mounted on the shaft. Forward/back operates lower boom down/up, tiller operates rotation CW/CCW, and up/down operates upper boom up/down.	1
5.	One (1) Platform Step - located on the side of the platform nearest the elbow in the stowed position	1
6.	Platform Cover - Soft vinyl 24 x 24 inch (610 x 610 mm)	1
7.	Platform Liner, 24 x 24 x 39 inches (610 x 610 x 991 mm), 50 kV Rating	1
8.	Hydraulic Tool Circuit at Platform: Two (2) sets of tool couplers for open center tools, one (1) set located on each side of the platform.	1
9.	Tool Circuit System Relief Pressure to be set to 2250 PSI	1
10.	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. Control is operated with an air plunger at the platform and a momentary switch located at the lower controls and the outrigger	1

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	controls. This feature allows the operator to completely stow the booms, platform, and outriggers.	
11.	Slip Ring: Required for engine start/stop, secondary stowage system, and throttle control options	1
12.	Primary A-Frame Outriggers with 5-degree swivel shoe. For installation on a 36 to 40 inch chassis frame height.	1
	<ul style="list-style-type: none"> <li>A. Maximum Spread: 140 inches to the outer edge of shoes</li> <li>B. Ground Penetration: 7 to 11 inches depending on chassis frame height</li> <li>C. Outrigger/Unit Selector Valve: reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped</li> <li>D. Outrigger Control Valves: located on the outrigger legs</li> <li>E. Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed</li> <li>F. Outrigger Motion Alarms</li> </ul>	
13.	Auxiliary A-Frame Outriggers with 5-degree swivel shoe. For installation on a 36 to 40 inch chassis frame height.	1
	<ul style="list-style-type: none"> <li>A. Maximum Spread: 140 inches to the outer edge of shoes</li> <li>B. Ground Penetration: 7 to 11 inches depending on chassis frame height</li> <li>C. Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed</li> <li>D. Outrigger Motion Alarms</li> </ul>	
14.	Hydraulic Outrigger Control Valves	1
15.	Insulating Aerial Device, ANSI Category C, 46kV and Below	1
16.	Altec Unit Powder Painted White	1
<b><u>Unit and Hydraulic Acc.</u></b>		
17.	Subbase	1
18.	Hydraulic Reservoir, 30 Gallon, Rectangular	1
19.	Sight Gauge for Hydraulic Reservoir, Reservoir Mounted	1
20.	HVI-22 Hydraulic Oil (Standard).	35
21.	Standard Pump For PTO	1
22.	Hot shift PTO for automatic transmission	1
23.	Standard Altec PTO/Machine Functionality: PTO won't engage until parking brake is set.-Once parking (holding) brake is set, PTO and machine functions are enabled.-If parking (holding) brake is disengaged, both PTO and machine functions are disabled.	1
24.	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

**Body**

<u>Item</u>	<u>Description</u>	<u>Qty</u>
25.	140 inch Flatbed, suitable for installing on any 4x2 or 4x4 chassis with an approximate clear CA dimension of 106-121 inches, built to the following specifications:  <ul style="list-style-type: none"> <li>A. Basic flatbed fabricated from hot rolled steel.</li> <li>B. Steel treated for improved primer bond and rust resistance.</li> <li>C. Primer applied to exterior of flatbed.</li> <li>D. Automotive underseal applied to entire underside of flatbed.</li> <li>E. Flatbed finish paint color - Jet Black.</li> <li>F. All steel flatbed, 140 inches long x 96 inches wide.</li> <li>G. Floor made from 10 gauge galvanneal.</li> <li>H. Frame built with 4 inch high structural channel.</li> <li>I. 3 inch high rail installed around perimeter of flatbed.</li> <li>J. 3 inch high pivot rail installed at sides and rear of flatbed.</li> <li>K. Light channels installed at curbside and streetside rear.</li> <li>L. LED FMVSS lights and rear strobes.</li> <li>M. 25 inch high u-shaped grab handle installed at rear of flatbed.</li> <li>N. Toe step installed at curbside rear.</li> <li>O. Platform rest assembly installed at curbside rear.</li> <li>P. Mounting provisions for E-Z step provided at the rear of flatbed.</li> <li>Q. Mounting provisions for bolt-on control stand.</li> <li>R. Steel elevator guard, 90 inch long x 40 inch wide x 42 inch high.</li> </ul>	1
<b><u>Body and Chassis Accessories</u></b>		
26.	Cab Guard, 140" L, 12 GA Sheet Metal With Non-Skid Surface And Expanded Metal Section At Front, Black Gator Hyde Coating  <ul style="list-style-type: none"> <li>A. Cab Guard Mounting Kit</li> <li>B. Front Supports For Cab Guard</li> </ul>	1
27.	ICC (Underride Protection) Bumper Installed At Rear	1
28.	Rigid Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL), 4-Bolt Face Mount, Buyers PH15 (T-60 Style) (Forestry Applications)	1
29.	Set Of D-Rings for Trailer Safety Chain, installed one each side of towing device mount.	1
30.	Retractable Ladder Step, Two Rungs, Textured Flat Black, Installed at Rear	1
31.	Add Interim Step (Toe Step) As Needed.	1
32.	Platform Access Ladder from Flatbed with Grab Handle	1
33.	Platform Rest, Rigid with Rubber Tube	1
34.	Lower Boom Rest Weldment	1
35.	No Automatic Lower Boom Stow Securing System	1
36.	Wood Outrigger Pad, 19.5" x 19.5" x 2.25", With Fluorescent Orange Steel Band Around The Outer Edges And Chain Handle	4
37.	Outrigger Pad Holder, 20" L x 20" W x 7" H, Fits 19.5" x 19.5" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer	2
38.	Mud Flaps With Altec Logo (Pair)	1

<u>Item</u>	<u>Description</u>	<u>Qty</u>
39.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1
40.	Wheel Chock Holders (Pair), For Installation Under Flatbed Or Dump Body	1
41.	U-Shaped Grab Handle	1
42.	Slope Indicator Assembly (Pair) For Machine With Outriggers	1
43.	Post Style Cone Holder, Painted Black (Holds up to four (4) 15 x 15 inch large cones). Installed at streetside rear of flatbed.	1
44.	Front Opening Storage Box, Steel, 60 L x 20 W x 34 H (inches), Barn Style Doors (Open in Center), Gas Props, One (1) Keyed Paddle Latch, Vented, Painted Black	1
	A. Left Side: 42 inch wide Compartment with One (1) Fixed Shelf at Bottom and One (1) Adjustable Shelf - Both shelves to be rubber lined and have removable dividers on 4 inch centers.	
	B. Right Side: 18 inch wide Compartment with Six (6) Material Hooks (3-0-3) installed as high as possible.	
	C. Installed at curbside front of flatbed, flush with retaining rails.	
45.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1
46.	Driveaway Safety Kit	1
47.	Vinyl manual pouch for storage of all operator and parts manuals	1
<b><u>Electrical Accessories</u></b>		
48.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1
49.	4-Corner Strobe Lighting, Amber LED, Two (2) Round Lights in Front Corners of Cab Guard and Two (2) Round Lights at Rear	1
50.	Strobe Lights Wired Battery Hot	1
51.	Dual Tone Back-Up With Outrigger Motion Alarm	1
52.	PTO Hour Meter, Digital, with 10,000 Hour Display	1
53.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1
54.	Electric Trailer Brake Controller (Tekonsha Voyager #9030)	1
55.	Altec Modular Panel System (AMPS) - Includes Mounting Panel and Accessory Switches	1
56.	Install secondary stowage system.	1
57.	Install Outrigger Interlock System	1
58.	Heavy Duty Secondary Stowage Pump	1
59.	No Upper Boom Out of Stow Indicator	1
60.	No Lower Boom Out of Stow Indicator	1

<u>Item</u>	<u>Description</u>	<u>Qty</u>
61.	PTO Indicator Light Installed In Cab	1
<b><u>Finishing Details</u></b>		
62.	Powder Coat Unit Altec White	1
63.	Finish Paint Body Accessories Above Body Floor Altec White	1
64.	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
65.	Vehicle Height Placard, Installed In Cab	1
66.	Apply Non-Skid Coating to all walking surfaces	1
67.	English Safety And Instructional Decals	1
68.	Placard, HVI-22 Hydraulic Oil	1
69.	Dielectric test unit according to ANSI requirements.	1
70.	Stability test unit according to ANSI requirements.	1
71.	Focus Factory Build	1
72.	Delivery Of Completed Unit	1
73.	Inbound Freight	1
74.	As Built Electrical And Hydraulic Schematics To Be Included In The Manual Pouch	1
75.	AR06 WD FL AL2 HB HS - Altec Reserve Spec AR06, LR8-60E70RM, Altec White, Freightliner M2 4x2, Diesel, Allison 2500 RDS, Hydraulic Brakes, Hot Shift PTO	1
76.	Stock Unit	1
<b><u>Chassis</u></b>		
77.	Altec Supplied Chassis	1
<b>Sales Text: 000000222-970825477</b> <b>Last Updated By: Brian Chen on 11-MAY-2023 15:53</b>		
78.	Altec Stock Chassis	1
A.	2024 Model Year	
B.	Freightliner M2-106	
C.	Regular Cab	
D.	4x2 Drivetrain	
E.	Chassis Color - White	
F.	Cummins B6.7 Engine	
G.	240 HP Engine Rating	
H.	Allison 2500 RDS Automatic Transmission	
I.	Hydraulic Brakes	



<u>Item</u>	<u>Description</u>	<u>Qty</u>
J.	Clear Cab to Axle Length - 87 inches Actual Cab to Axle Length - 90 inches	
K.	26,000 LBS Gross Vehicle Weight Rating (GVWR)	
L.	12,000 LBS Front Axle Weight Rating (FAWR)	
M.	19,000 LBS Rear Axle Weight Rating (RAWR)	
N.	016-1C3 - Freightliner Horizontal Exhaust (Right-Horizontal-Behind Cab-Horizontal)	
O.	Park Brake In Rear Wheels	
P.	204-215 Freightliner 50 Gallon Fuel Tank (Left Hand Under Cab)	
Q.	Freightliner - Pre-Wire Chassis with No Cab Backwall Pass-Thru (33U-011)	
R.	No Idle Engine Shut-Down Required	
S.	Air Conditioning	
T.	AM/FM Radio	

**Additional Pricing**

79.	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
-----	---	---

Altec Industries, Inc.

BY \_\_\_\_\_

Brian Chen , Technical Sales Representative

<u>Unselected Items</u>	
<u>Item Number</u>	<u>Description</u>
<u>New Selected Items</u>	
<u>Item Number</u>	<u>Description</u>

Notes:

**Job #: 1015316317**

**Plant #: 027**

**Unit: LR8-60E70RM**

**Customer: SOUTHERN LINE CONTRACTORS  
INC**

Curb-Side View (Compartments Closed)



Street-Side Front Corner View



Curb-Side Front Corner View



Street-Side View (Compartments Closed)





Street-Side Rear Corner View



Curb-Side Rear Corner View



## Curb-Side Tailshelf



## Street-Side Tailshelf





Rear Tailshelf



Rear View

