



Third Taxing District

2 Second Street
East Norwalk, CT 06855

Tel: (203) 866-9271
Fax: (203) 866-9856

Third Taxing District of the City of Norwalk Special Commission Meeting

Tuesday, August 8, 2023 at 6:30 p.m.

At the Third Taxing District Office, 2 Second Street, East Norwalk, CT

1. Public Comment – 15 Minute Limit
2. Review & Approval of East Norwalk Firehouse Funding Agreement (A/R) (Pgs. 1-8)
3. Review & Approval of Request to Purchase Line Department Bucket Truck
(A/R) (Pgs. 9-37)
4. Adjourn

*A/R – Action Required/See Attached Motion

Agenda backup material is available at the TTD office, www.ttd.gov and will be available at the meeting.

M:\Shared\ Commission Meeting Information\Agenda 8-8-2023.doc

District Commissioners

Johnnie Mae Weldon	203-216-2652	Chairperson	Kevin Barber	203-866-9271	General Manager
Pamela Parkington	203-858-4261	Commissioner	Ron Scofield	203-866-9271	Assistant General Manager
Michele Sweeney	203-820-3107	Commissioner	Read Auerbach	203-451-7047	Treasurer



Third Taxing District

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Memorandum

To: TTD Commissioners
From: Kevin Barber – General Manager
Date: August 4, 2023
Subject: East Norwalk Firehouse Funding Agreement

As part of the Fiscal Year 2023-24 District budget, the electors approved a project to fund the renovation of the apparatus floor at the East Norwalk Firehouse. The amount approved was \$400,000. Before the funds can be sent to the City of Norwalk, it was determined, in consultation with Attorney Steve Studer, that a funding agreement between the City of Nowalk and The Third Taxing District would be necessary. This agreement would provide the legal framework for TTD and the City relating to the firehouse project.

Attorney Studer has been working with Attorney Darin Callahan, Assistant Corporation Counsel, on this agreement and it is now ready for Commission review and approval. The funding agreement is attached.

I will answer any questions you may have regarding the agreement and the project. It is my recommendation that the Commission approve the agreement with the City of Norwalk. The following motion will authorize me to execute the agreement in substantially the form presented and allow for minor modifications to the agreement in consultation with Attorney Studer.

Recommended Motion:

I, Commissioner _____, authorize General Manager Kevin Barber to execute the Funding Agreement for the East Norwalk Firehouse Project with the City of Norwalk in substantially the same terms and conditions as presented during tonight’s meeting, with such minor changes and modifications as GM Barber, with the advice of legal counsel, deems reasonable and appropriate.

District Commissioners

Johnnie Mae Weldon	203-216-2652	Chairperson	Kevin Barber	203-866-9271	General Manager
Pamela Parkington	203-858-4261	Commissioner	Ron Scofield	203-866-9271	Assistant General Manager
Michele Sweeney	203-820-3107	Commissioner	Red Auerbach	203-451-7047	Treasurer

CONSTRUCTION FUNDING AGREEMENT
BY AND BETWEEN
THE SECOND TAXING DISTRICT
AND
THE CITY OF NORWALK

THIS AGREEMENT (the “Agreement”), entered into this ____ day of _____ 2023 (the “Effective Date”) by and between the **CITY OF NORWALK**, a municipal corporation and body politic, acting herein by Harry W. Rilling, its Mayor, duly authorized (the “City”), and the **THIRD TAXING DISTRICT**, a municipal corporation and body politic, acting herein by Kevin Barber, its General Manager, duly authorized (the “District”). The City and District also referred to herein collectively as the “Parties” and individually as a “Party.”

WHEREAS, the District, as Landlord, and the City, as Lessee, have entered into a lease agreement dated January 12, 2010 (the “Lease”) for the use of 56 Van Zant Street, Norwalk Connecticut by the City as a public firehouse (the “Premises”). A copy of the Lease is attached hereto as **Exhibit 1**; and

WHEREAS, except as otherwise defined in this Agreement, capitalized terms used herein shall have the meaning ascribed to them in the Lease; and

WHEREAS, the City, as Lessee, is responsible for major capital repairs and improvements to the Premises that may be necessary or desirable for use and operation of the Premises as a public firehouse; and

WHEREAS the City intends to purchase and house a new fire apparatus at the Premises which, in order to accommodate the new fire apparatus, requires certain capital repairs and improvements to the Premises which are listed and identified in **Exhibit 2** attached hereto (the “Work”) ; and

WHEREAS, the City has requested funding for the Work from the District; and

WHEREAS, the District has agreed to provide funding for the Work up to, and not to exceed, the sum of \$400,000.00 (the “Funds”), provided (i) the City assumes full responsibility for the design, approval and performance of the Work and (ii) the City assumes full responsibility for all costs and expenses of completing the Work in excess of the funds to be provided by the District; and

WHEREAS, the Parties intend that this Agreement, along with the Exhibits to this Agreement, as same are hereafter jointly updated, supplemented and modified, shall set forth and govern their respective rights and responsibilities with respect to the Work.

NOW, THEREFORE, in consideration of the promises set out herein, and other good and valuable consideration, receipt of which is hereby acknowledged, the Parties agree as follows:

Article 1. Construction Funds; Record Keeping; Construction Timeline.

1.1 The foregoing recitals are incorporated herein by reference and are a part of the Parties’

Agreement.

1.2 This Agreement shall be effective upon its execution by both Parties and shall end, unless sooner terminated in accordance with the terms hereof, upon substantial completion of the Work and the issuance of a certificate of occupancy, or similar approval, by the Norwalk building official for the use of the fire apparatus floor at the Premises.

1.3 Within thirty (30) days of execution of this Agreement by the Parties, the District shall transfer a portion of the Funds, not to exceed _____ (\$ _____) (the "A&E Funds"), to the City which shall be held in a segregated account maintained by the City Comptroller (the "Operating Account"). The City shall be entitled to use the A&E Funds to pay for the cost of architectural and engineering services necessary for the design and preparation of final plans and specifications and for the preparation of a budget for the Work (the "A&E Expenses").

1.4 (a) The City shall cause one or more professionals to design and prepare all necessary plans and specifications for the Work and shall present the District with a copy of said plans and specifications for its review and approval in accordance with Article 4.A.1. of the Lease, which approval shall not be unreasonably withheld, conditioned or delayed (the "Approved Plans and Specifications"). The District's approval of said plans and specifications shall not relieve the City of responsibility for the design of the Work, nor shall any such approval constitute a waiver of any rights by the District. The City agrees to promptly notify and seek District approval for material changes to the Approved Plans and Specifications. The Approved Plans and Specifications, as some may be updated, supplemented and modified by the Parties, shall be Exhibit 2 and shall supplant and replace the original Exhibit 2.

(b) The City shall also prepare a reasonable budget for the cost of the Work and shall present said proposed budget to the District for its review and approval, which approval shall not be unreasonably withheld, conditioned or delayed (the "Approved Budget"). The City agrees to use good faith, diligent efforts to perform the Work in a cost-efficient, cost-effective manner within the Approved Budget, a copy of which is (or will be) attached hereto as **Exhibit 3**. Any cost or expense incurred by the City, directly or indirectly related to the Work, which exceeds the sum of \$400,000.00 to be provided by the District shall be the sole responsibility of, and shall be paid fully by, the City without contribution from the District.

1.5 After approval of both the plans and specifications and the proposed budget by the District, the District shall transfer the balance of the Funds to the Operating Account, and the City shall be entitled to draw down the remaining Funds (i.e.including those not used for A&E Expenses) from the Operating Account to pay for the costs directly related to the Work (including all soft and hard construction costs) as the Work progresses. Any balance in the Operating Account once the Work is fully and finally completed and the costs directly related thereto have been paid in full, shall be returned to the District.

1.6 The City agrees to maintain records relative to all draws of Funds from the Operating Account similar to the manner in which it maintains records for construction projects it performs entirely at its own expense. The City agrees to maintain said records for a period of three (3) years after substantial completion of the Work. The District shall be entitled to inspect said records during normal business hours upon reasonable request.

1.7 The City shall use commercially reasonable efforts to complete the Work by _____,

_____ (the “Target Completion Date”). The City will provide the District with periodic updates on the progress of the Work.

1.8 The design of the Work, the performance of the Work and all other activities to be done by the City, its agents and contractors, pursuant to this Agreement shall fully comply with all applicable provisions of the Lease and with the standards, criteria and other requirements imposed by applicable statutes, regulations, ordinances, codes and orders of all governmental authorities with jurisdiction over the Premises and the Work.

1.9 The Parties shall cooperate with one another fairly and in good faith to successfully consummate the Work. Such cooperation shall include, without limitation, reasonable efforts to respond to one another as expeditiously as possible with regard to requests for information or approvals required hereby. A spirit of good faith and a mutual desire for the success of the Work shall govern the Parties’ relationship under this Agreement.

1.10 The Parties agree to keep each other informed of all material events, information and communications relating to the Work, and to cooperate and consult with each other regarding any public statements, written or oral, made regarding the Work.

1.11 The City shall comply with the terms and conditions of this Agreement and shall perform the duties and undertake the responsibilities to be performed by the City as set forth herein, including, without limitation, to oversee construction of the Work in accordance with the provisions of this Agreement in a competent and diligent manner. Without limiting the foregoing sentence, the City’s designee shall regularly visit the Premises to generally observe the quality and progress of the Work in order to determine whether or not construction is proceeding in a timely and workmanlike manner in accordance with the construction contract and the Approved Plans and Specifications. The City shall promptly advise the District of any deviations or changes from the foregoing, including delays, nonconforming work and cost increases.

1.12 In addition to meeting its insurance obligations as set forth in the Lease, during the term of this Agreement the City shall require proof of the following minimal coverages:

(a) the general contractor performing the Work shall provide builders risk insurance on a full replacement cost basis equal to the completed value of the Work with an all risk endorsement, naming both the City and the District as additional insureds;

(b) the general contractor and all subcontractors performing the Work shall provide (i) comprehensive general liability insurance with limits of \$2,000,000.00 per occurrence and in the aggregate, (ii) automobile liability insurance with limits of \$1,000,000.00 per occurrence and in the aggregate, and (iii) workers compensation insurance with a combined single limit of \$1,000,000.00 per accident; and

(c) all policies required pursuant to subsection (b), above, shall: (i) name both the City and the District as additional insureds, (ii) waive subrogation with respect to both the City and the District, including their agents, officials, officers, representatives and employees, and (iii) provide that the coverages evidenced by said policies shall be primary and non-contributory.

1.13 (a) The City shall indemnify and hold harmless the District, its commissioners, officers,

employees, and agents (jointly and severally, the “District Releasees”) from all liability, claims, actions, demands, damages, judgments, injuries, penalties, costs, expenses and reasonable attorneys’ fees caused by, or arising out of, the negligence or willful misconduct of the City, its officials, employees, agents and contractors in the performance of this Agreement except to the extent such claims are caused by the negligence or willful misconduct of a District Releasee.

(b) The District shall indemnify and hold harmless the City, its officials, employees, agents, and contractors (jointly and severally, the “City Releasees”) from all liability, claims, actions, demands, damages, judgments, injuries, penalties, costs, expenses and reasonable attorneys’ fees caused by, or arising out of, the negligence or willful misconduct of the District and its commissioners, employees, and agents, in the performance of this Agreement except to the extent such claims are caused by the negligence or willful misconduct of a City Releasee.

(c) The Parties agree that the indemnification provisions contained in this Section 1.13 apply to third party claims, expenses or liabilities. Each Party agrees to notify promptly the other of any claim or judgement to which the indemnification provision may apply. Further, the Parties agree not to settle any claim to which this indemnity provision may apply without the written consent of the indemnifying Party, which consent shall not be unreasonably withheld, conditioned or delayed. No Party will be liable to the other Party for special, incidental, consequential or punitive damages. Each Party's indemnification provision survives the termination or expiration of this agreement for a period equal to the applicable statute of limitations.

1.14 (a) Once the Work has begun, the City agrees to keep the District fully informed with respect to the status of the Work no less frequently than monthly or more often as may be required.

(b) In addition to any other reports which the City may provide or which may be reasonably requested by the District, the City shall provide the District with monthly written progress reports of the previous month’s activities in such form as the Parties may reasonably agree.

1.15 Upon completion of the Work, the City shall obtain from the general contractor and furnish the District with: (i) a set of final record drawings, one (1) paper and one (1) electronic; (ii) one (1) set of reproductions of final specifications and data sheets; (iii) a copy of the results of subsurface investigations and environmental testing; structural calculations; and (iv) a copy of equipment manufacturers’ drawings and data, including installation, operating and maintenance instructions, data and parts lists, shop drawings, submittals and warranties from manufacturers, suppliers, and/or installers.

1.16 The City shall require the general contractor to provide sufficient performance and payment bonds for the Work, and shall obtain lien waivers for the Work, as applicable.

1.17 (a) The Parties may attempt to resolve any dispute arising between them concerning any matter of performance under, or interpretation or breach of, this Agreement by submitting such dispute to non-binding mediation in Norwalk, Connecticut thirty (30) days after a Party has given notice to the other Party of such matter in dispute and such dispute has not been resolved by the Parties within such thirty (30) day period. A request for mediation by a Party shall be filed in writing with the other Party and with a reputable dispute resolution entity or individual mutually acceptable to the Parties. If such a request for mediation is made and filed in a timely manner, the other Party may not refuse such mediation, and the rules

to be applied shall be those typically applied by such dispute resolution entity or individual in similar commercial disputes. The Parties shall share equally in the mediator's fee and the filing fees. Such mediation proceedings shall be kept confidential and positions and statements made by any Party during mediation may not be used against it in later proceedings if the Parties fail to reach a settlement agreement during mediation.

(b) In the event the Parties do not agree to or cannot resolve any dispute between themselves through mediation, either Party may commence a judicial proceeding in the Connecticut Superior Court in the Judicial District of Fairfield to obtain the appropriate relief.

1.18 (a) Subject to the provisions of Section 1.18 and except as otherwise set forth herein, if either Party shall breach a material obligation of such Party to the other pursuant to this Agreement, and such breach is not cured within thirty (30) days after receipt of written notice of such breach, then the non-breaching Party may terminate this Agreement and exercise any and all remedies available to the non-breaching Party at law or in equity. If the nature of the default of any Party is such that a cure cannot be completed within the applicable period of time, the breaching Party shall have such additional time as is reasonably necessary to cure provided it has begun such cure in a timely manner and shall diligently and continuously pursue such cure to completion.

(b) Without limiting the provisions of Section 1.18(a), any of the following shall be an event of default under this Agreement unless cured within any applicable grace period or excused by reason of Force Majeure: (i) any Party breaches a material obligation of that Party set forth in this Agreement, including, without limitation, the obligation to deal in good faith; or (ii) any Party attempts to unilaterally withdraw from or terminate this Agreement absent a breach of a material obligation by the other Party.

(c) Notwithstanding any provision of this Agreement to the contrary, neither Party shall be liable to the other Party for special, incidental, consequential or punitive damages.

Article 2. General Provisions.

2.1. **Entire Agreement.** This Agreement incorporates all the understandings of the Parties hereto and supersedes any and all agreements reached by the Parties prior to the execution of this Agreement, whether oral or written.

2.2. **Assignment.** The City and District each binds itself and its successors and assigns to the other party and to its successors and assigns with respect to all covenants of this Agreement. Neither Party shall assign or transfer any interest in this Agreement without the prior written approval of the other Party.

2.3. **Partial Invalidity.** If any provision of this Agreement is held invalid, the remaining provisions shall not be affected thereby if such provisions would then continue to conform to the requirements of applicable laws. The remaining provisions shall thereupon continue in full force and effect.

2.4. **Modifications.** No change or modification of this Agreement shall be valid unless it is in writing and executed by all Parties to this Agreement.

2.6 **Headings.** Headings are for reference purposes only and have no substantive effect.

2.7 No Third-Party Beneficiaries. None of the provisions of this Agreement are intended to be for the benefit of, or shall be enforceable by, any person or entity other than the Parties hereto and their permitted successors or assigns.

2.8. Partial Waiver. The waiver of any provision in this Agreement in one instance shall not preclude enforcement thereof on future occasions.

2.9. Electronic Signature. This Agreement may be executed and delivered via facsimile or electronic mail by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered via facsimile or electronically as if the original had been received.

2.10 Authority to Execute. The undersigned individuals represent and warrant that they are expressly and duly authorized by their respective entities or agencies to execute this Agreement and to legally bind their respective entities or agencies as set forth in this Agreement.

2.11 Good Faith. The Parties each acknowledge an obligation to act reasonably and in good faith with respect to their respective rights and obligations as set forth in this Agreement.

2.12 No Agency Created. The Parties acknowledge that neither is an agent of the other. Each Party agrees that it will not hold itself out as an agent of the other, directly or indirectly. Neither Party is authorized to bind the other in any fashion (either through representations or actions) unless such act is specifically authorized and ratified by the other Party in writing.

Dated at Norwalk, Connecticut, the day and year first above written.

Signed, Sealed and Delivered
in the Presence of:

Witnesses' signatures

CITY OF NORWALK

By: _____
Harry W. Rilling
Its Mayor
Duly Authorized

Date signed: _____

Signed, Sealed and Delivered
in the Presence of:

Witnesses' signatures

SECOND TAXING DISTRICT

By: _____
Kevin Barber
Its General Manager
Duly Authorized

Date signed: _____




Third Taxing District

2 Second Street
East Norwalk, CT 06855

Tel: (203) 866-9271
Fax: (203) 866-9856

Memorandum

To: TTD Commissioners

From: Kevin Barber – General Manager 

Date: August 4, 2023

Subject: Request Approval to Purchase New Line Department Bucket Truck

TTD staff has developed specifications for a new bucket truck to be used by the Line Department. This new truck will replace an existing truck that has been in service since 2007. Bids were solicited from various manufacturers, and we received bids from two. Attached is a listing of the bids received. A capital project was included and approved in the 2023-2024 Capital Budget for \$225,000, for the purchase of a new line department bucket truck.

The bids received from manufacturers, Altec and Terex, were based on a truck configuration with a 48-foot boom height. It is normally the intent of TTD to receive bids from more than two vendors, however due to consolidation in the bucket truck industry, the number of different manufacturers is limited. TTD also elected to not seek a bid from a third manufacturer due to extreme difficulties and disappointments we experienced with the work performed on a current bucket truck owned by TTD. After careful review and analysis of the bids from each manufacturer, we have selected Altec AT48M bucket truck from Altec Industries. The cost of the Altec AT48M bucket truck is \$230,254.

The price of the new truck does exceed the capital project amount of \$225,000. The overage, \$5,254, will be funded from Capital Project CP-14, Miscellaneous Equipment.

As required by the purchasing policy, “all purchases with any single item to be purchased or leased exceeding \$100,000 must be brought before the Commission for approval at a Regular or Special meeting.” Because the cost of this purchase exceeds the \$100,000 threshold, we are requesting Commission approval to purchase the new truck.

It is my recommendation that the Commission approve our request to purchase a new Altec AT48M bucket truck from Altec Industries in the amount of \$230,254.

District Commissioners

Johnnie Mae Weldon	203-216-2652	Chairperson	Kevin Barber	203-866-9271	General Manager
Pamela Parkington	203-858-4261	Commissioner	Ron Scofield	203-866-9271	Assistant General Manager
Michele Sweeney	203-820-3107	Commissioner	Red Auerbach	203-451-7047	Treasurer

Mike Adams and I will be available at Tuesday's meeting to answer any questions you may have.

Recommended Motion:

I, _____, make a motion to approve the purchase of a new Line Department bucket truck, in the amount of \$230,254 from Altec Industries, as recommended by General Manager Kevin Barber.

Kevin Barber

From: Mike Adams
Sent: Monday, July 24, 2023 11:09 AM
To: Kevin Barber
Subject: TTD new Bucket Truck
Attachments: Terex Proposal.pdf; Altec Proposal.pdf

Kevin,

As you are aware this year's Capital Budget has an approved project to replace one of our Bucket trucks. I reached out to Terex and Altec and reviewed options and specs with both companies. Altec provided a demo truck and Terex did not. I am aware that both of the options below are above the approved amount of \$225K but would note that the final cost will be offset by the sale/auction of our retired bucket truck. Below is a high-level breakdown of the two trucks:

Terex Telect model TL48	2025 F600 4x4	\$259,177.00	Delivery: 12-14 months
Altec AT48M	2025 F550 4x4	\$230,254.00	Delivery: 26-29 months

I spoke with our Altec rep whom informed me that the delivery time would be greatly improved once the purchase order was placed and when they receive their truck allotment in November with a realistic delivery date of 6/2024. They will take one of the trucks that they were going to build for rental and transition that truck to sales to fulfill our order. I mention this because it is my recommendation that we move forward with the Altec proposal. This is not solely based on price but more so Altec's service after the sale but it doesn't hurt that Altec is almost 30K less.

I have attached both companies bid proposals for your review and would be happy to answer any questions that you might have.

Regards,

Michael Adams

*General Line Foreman
Third Taxing District
2 Second Street
Norwalk, CT 06855*

0:203-866-9271



Quote Number: 1364969
 Opportunity Number: 23008475
 Sourcewell Contract #: 110421-ALT
 Date: 7/12/2023

Quoted for: City of Norwalk Third Taxing District (CT)
 Customer Contact: Mike Adams
 Phone: / Email: (203) 943-2948

Quoted by: Abbott Gaddy
 Phone: / Email: 860-480-9515 / tom.polizos@altec.com
 Altec Account Manager: Tom Polizos

REFERENCE ALTEC MODEL		Sourcewell Price
AT41M	Articulating Telescopic Aerial Device with Material Handling Insulated, 41'	\$205,024

(A.) SOURCEWELL OPTIONS ON CONTRACT (Unit)

1	AT41M-US48M	Articulating telescopic Aerial Device with Material Handling (insulating lower arm) with 48' boom boom height (AT48M)	\$8,633
2	AT41M-AOR	Auxiliary Outriggers, Interlock, Wooden Pads / Holders (AT48M Class 5 application only)	\$9,013
3	AT41M-AWD	All Wheel Drive	\$6,739
4			

(A1.) SOURCEWELL OPTIONS ON CONTRACT (General)

1			
2			
3			
4			
SOURCEWELL OPTIONS TOTAL:			\$229,409

(B.) OPEN MARKET ITEMS (Customer Requested)

1	UNIT		\$0
2	UNIT & HYDRAULIC ACC	Braden PCD24B Hydraulic Capstan, 30 GPM, 6000 LBS	\$9,009
3	BODY	AT48M Body	\$5,844
4	BODY & CHASSIS ACC		\$0
5	ELECTRICAL		\$0
6	FINISHING		\$0
7	CHASSIS	2025 Ford F550 4x4	-\$1,080
8	OTHER	Altec MY Price Adjustment	-\$22,834
OPEN MARKET OPTIONS TOTAL:			-\$9,061

SUB-TOTAL FOR UNIT/BODY/CHASSIS: \$220,348
Delivery to Customer: \$1,806
FET:
CA Doc/Admin/Tire Fees:
Estimated Taxes (___%):

TOTAL FOR UNIT/BODY/CHASSIS: \$222,154

(C.) ADDITIONAL ITEMS (Items are not included in total above)

1	SERVICE ESTIMATE	PURE SINE WAVE INVERTER, 2400 Watts Continuous. GFCI Outlet at Rear.	\$6,000
2	SERVICE ESTIMATE	CS MOUNTED LADDER RACK	\$2,100
3			

****Pricing valid for 45 days****

NOTES

PRICING: Altec will make every effort to honor this quotation, subject to the following provisions. Prices for equipment with production start dates 12 months and beyond are budgetary only due to irregular cost inflation and market volatility. These prices will be reviewed based on market conditions and confirmed closer to the production date. Quotes and orders with chassis model year beyond the current open order bank, should be considered estimates only. Altec's turn-key pricing is subject to change in accordance with chassis pricing received from the OEM. Chassis model year, specifications and price will be reviewed and confirmed when specific model year information becomes available from the OEM and that chassis price difference will be passed through to the customer.

PAINT COLOR: White to match chassis, unless otherwise specified

WARRANTY: Standard Altec Warranty for Aerials and Derricks - One (1) year parts warranty One (1) year labor warranty Ninety (90)

TO ORDER: To order, please contact the Altec Account Manager listed above.

CHASSIS: Per Altec Commercial Standard

DELIVERY: No later than **26-29** months ARO, FOB Customer Location

TERMS: Net 30 days

BEST VALUE: Altec boasts the following "Best Value" features: Altec ISO Grip Controls for Extra Protection, Only Lifetime Warranty on Structural Components in Industry, Largest Service Network in Industry (Domestic and Overseas), Altec SENTRY Web/CD Based Training, Dedicated/Direct Gov't Sales Manager, In-Service Training with Every Order.

TRADE-IN: Please ask your Altec Account Manager for more information

BUILD LOCATION: Creedmoor

City of Norwalk Third Taxing District (CT) - AT48M F550 4x4 Auto - SW - 1364969 - UPDATED 7-12-2023

AT37/41/48 M/P



FOR NEW EQUIPMENT SALES, CALL
800.958.2555
TO SPEAK WITH AN ALTEC REPRESENTATIVE
or visit us online at altec.com

 **Altec**
TELESCOPIC ARTICULATING
AERIAL DEVICE

AT37/41/48 M/P

FEATURES

- Altec ISO-Grip® System
- 4-Function, Single Handle Upper Control
- Telescopic/Articulating Aerial Device
- Compensated Articulating Arm
- Hydraulic Boom Extension
- Insulated, ANSI Category C, 46 kV and Below
- Continuous Rotation
- Platform. Single 1-Man 24 x 30 x 42 in (610 x 762 x 1067 mm)
- Hydraulic Platform Leveling
- Platform Capacity - 400 lb (181 kg) with 180° Rotator
- Full Pressure, Open Center Hydraulic System
- Emergency Stop Valves at Upper and Lower Control Stations
- Tool Circuit at Platform
- Back-up Alarm
- Outrigger Motion Alarm and Outrigger Interlocks

OPTIONS

- ISO-Boom offering Category C Isolation w/Boom Retracted (AT41M/P Only, Not Required on AT48M/P)
- Altec ARM Jib offering Jib Capacities to 1100 lb (499 kg)
- Side Mount Jib offering Capacities to 1000 lb (454 kg) for AT41/48M
- 1-Man Side Mounted Platform w/90° Platform Rotation and 400 lb (181 kg) capacity (AT41/48M Only)
- 2-Man End Mounted Platform with 180° Platform Rotation and up to 600 lb (272 kg) capacity
- 24" Platform Elevator
- Lighting Package for Platform Controls
- Engine Start/Stop
- Manual Throttle Control
- Phase Lifting Jib Attachment and Accessories
- Attachment for Removal of ARM Jib

Recommended safety features on this unit include a platform liner, fall protection system, wheel chocks and outrigger pads.

CONFIGURATIONS		AT37M/P	AT41M/P	AT48M/P
SPECIFICATIONS	Ground to Bottom of Platform	37.1 ft (11.31 m)	40.8 ft (12.45 m)	47.5 ft (14.48 m)
	@ Reach From Centerline	6.9 ft (2.11 m)	7.3 ft (2.21 m)	6.7 ft (2.04 m)
	Maximum Side Reach.			
	End-Mount	26.3 ft (8.02 m)	30.1 ft (9.16 m)	31.2 ft (9.51 m)
	@ Platform Height	17.3 ft (5.27 m)	17.3 ft (5.27 m)	21.9 ft (6.67 m)
	Stowed Travel Height*	10.7 ft (3.26 m)	10.7 ft (3.26 m)	10.7 ft (3.26 m)
	Platform Capacity	400 lbs (181 kg)	400 lbs (181 kg)	400 lbs (181 kg)
	Lower Boom Articulation	-25 to 85°	-25 to 85°	-25 to 85°
	Articulating Arm Articulation	-3 to 82°	-3 to 82°	-3 to 82°
	Rotation	Continuous	Continuous	Continuous

*Based on a 40 in (1016 mm) chassis frame height.
ANSI A92.2-2015 Compliant



24" PLATFORM ELEVATOR OPTIMIZES OPERATOR REACH WITHIN WORK ZONE

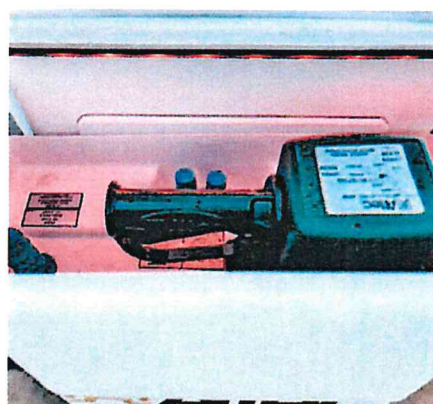
General Specifications Key:

The Letter 'M' in the Model Name Indicates the Material Handling Configuration.
The Letter 'P' in the Model Name Indicates the Personnel Configuration.

ALLOWS EASY ACCESS TO PLATFORM FROM GROUND



LIGHTING PACKAGE TO OPTIMIZE VISION/ SAFETY FOR NIGHT VISION WORK



JIB ROTATION RELEASE LEVER PROVIDES EASY PINNING OF ARM JIB



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NEW EQUIPMENT SALES | 800.958.2555 | SALES@ALTEC.COM | ALTEC.COM



July 14, 2023
Our 94th Year

Ship To:
CITY OF NORWALK THIRD TAXING DISTRICT (CT)
2 2ND ST
NORWALK, CT 06855
US

Bill To:
CITY OF NORWALK THIRD TAXING DISTRICT (CT)
2 2ND ST
NORWALK, CT 06855
United States

Attn:
Phone: 203-866-9271
Email:

Altec Quotation Number: 1364969 - 2
Account Manager: Thomas J. Polizos
Technical Sales Rep: Emily E Barneycastle

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	Altec Model AT48M Articulating Telescopic Aerial Device with a fiberglass upper boom and fiberglass insulator in the articulating arm and proportional joystick upper controls. Built in accordance to ALTEC's standard specifications and to include the following features:	1	
	A. Ground to Bottom of Platform Height: 47.5 feet at 6.7 feet from centerline of rotation (14.48 m at 2.04 m)		
	B. Working Height: 52.5 feet (16.00 m)		
	C. Maximum reach to edge of platform with Upper Boom Non- overcenter: 31.2 feet (at 21.9 feet platform height)		
	D. Upper boom extension: 110 inches		
	E. Continuous rotation		
	F. Articulating Arm: Articulation is from -3 to 82 degrees. Insulator provides 19 inches of isolation.		
	G. 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.		
	H. Upper Boom: Articulation is from -25 to 85 degrees. The fiberglass section provides a minimum of 33.1 inches of isolation in the upper boom (when retracted and 64.6 inches when extended)		
	I. Platform leveling is achieved by a hydraulic master-slave leveling system. This lifetime system is very low maintenance.		
	J. The dielectrically tested, insulating upper control system includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. Control Handle: 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. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls. Control Console: Non-tested non-metallic control console plate. Boom Tip Covers: Non-tested non-metallic boom tip covers. The covers are not		

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	dielectrically tested, but they may provide some protection against electrical hazards.		
K.	Hydraulic system: Open center (full pressure), maximum flow 6 GPM, maximum operating pressure 3,000.		
L.	Dielectric rating: Category C, 46 kV and below		
M.	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. Paint is electrostatically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection.		
N.	Manuals: Two (2) Operator's and two (2) Maintenance/ Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device.		
O.	Unit meets or exceeds ANSI 92.2 standards.		
2.	Pedestal	1	
3.	Single 1-Man Platform, Fiberglass, 24" x 30" x 42", End Mount, 180 Degree Rotation	1	
4.	Platform Mounted Single Handle Controls	1	
5.	Material Handling Jib/Winch, Hydraulically Articulating, Top Mounted, Round (ARM Jib)	1	
6.	One (1) Platform Step - located on the side of the platform nearest the elbow in the stowed position	1	
7.	Platform Cover - soft vinyl, 24 x 30 inches (610 x 762 mm)	1	
8.	Platform Liner, 24 x 30 x 42 inches (610 x 762 x 1067 mm), 50 kV Rating	1	
9.	Hydraulic Tool Circuit at Platform: One set of quick disconnect couplings at the boom tip for open center tools.	1	
10.	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	
11.	Jib Stick, 36" L, non-extension, non certified, grey in color	1	
12.	Slip Ring: Required for engine start/stop, secondary stowage system, and throttle control options	1	
13.	Outriggers, Primary, Modified A-Frame, 30"-34" Chassis Height, Electric Interlock, No Valves On Legs, 112" Spread, Fixed Shoe (AT48M/ME/P/PE/S/SE)	1	
14.	Auxiliary Vertical H Frame Outriggers with fixed shoe. For installation on a 30 to 34 inch chassis frame height.	1	
A.	Maximum Spread: 87 inches to the outer edge of shoes		
B.	Outrigger Motion Alarms		
C.	Outrigger Interlocks: will not allow the unit to be operated until the outriggers have been at least partially deployed		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
15.	Winch load line swivel hook	1	
16.	Altec Unit Powder Painted White	1	
17.	Additional Sold Stock And Global Option Braden PCD24B Hydraulic Capstan, 30 GPM, 6000 LBS	1	
<u>Unit & Hydraulic Acc.</u>			
18.	Scuff Pad, 24" x 30", No Step (For use with Platform Liner)	1	
19.	Subbase	1	
20.	Electric Outrigger Controls for two (2) sets of outriggers, drive hydraulic outrigger control valves. Durable weather proof sealed electronic switches mounted in aluminum boxes located at the rear of the unit unless otherwise specified.	1	
21.	Steel Reservoir, 15 gallon capacity, rectangular, 26" L x 8.5" W x 20" H, and includes breather caps and dipsticks	1	
22.	Temperature Sight Gauge	1	
23.	HVI-22 Hydraulic Oil (Standard).	25	
24.	Standard Pump For PTO	1	
25.	Electric Shifted PTO	1	
26.	Standard PTO/Transmission Functionality for Small Ford and Dodge Chassis	1	
<u>Body</u>			
27.	Altec LGSS-132-84 (81) low-side general service body with step:	1	
	A. Steel body		
	B. Steel structural channel crossmembers and smooth floor with ladder-style understructure		
	C. 132 in body length		
	D. 94 in body width		
	E. 40 in body compartment height		
	F. 20 in body compartment depth		
	G. 24 in from body floor to compartment tops		
	H. Finish paint entire body Altec white		
	I. Undercoat applied under the body		
	J. 5.5 in drop-in composite cargo retaining board at rear of body		
	K. 5.5 in drop-in composite retaining board at top of side access step		
	L. Stainless steel rotary paddle latches with locks		
	M. Gas props on all vertical doors		
	N. Chains on all horizontal doors		
	O. Standard master body locking system		
	P. Hotstick shelf extending full length of body on streetside		
	Q. Two (2) hotstick brackets installed on streetside		
	R. Standard drop-down hotstick door for one (1) shelf on streetside, stainless steel		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	slam paddle latch with keyed lock		
S.	One chock holder on each side of body with retaining lip In fender panel		
T.	Adhesive strip lighting (LED) around top and sides of compartment door facings		
U.	1st vertical (SS) - 34 in w - One (1) outrigger housing and two (2) adjustable shelves with removable dividers on 4 in centers		
V.	2nd vertical (SS) - 24 in w - Two (2) adjustable shelves with removable dividers on 4 in centers		
W.	1st horizontal (SS) - 50 in w - One (1) fixed shelf with removable dividers on 4 in centers on bottom of compartment		
X.	Rear vertical (SS) - 24 in w - Six (6) locking swivel hooks on an adjustable rail (1-4-1)		
Y.	1st vertical (CS) - 34 in w - One (1) outrigger housing and two (2) adjustable shelves with removable dividers on 4 in centers		
Z.	2nd vertical (CS) - 24 in w - Gripstrut access steps with two (2) sloped grab handles, vented battery storage		
AA.	1st horizontal (CS) - 50 in w - One (1) adjustable shelf with removable dividers on 4 in centers and one (1) fixed shelf with removable dividers on 4 in centers on bottom of compartment		
AB.	Rear vertical (CS) - 24 in w - Six (6) locking swivel hooks on an adjustable rail (1-4-1)		
AC.	Body floor cut-Out for AT48M/ME/P/PE aerial device near center of body		
AD.	Steel tailshelf, 29 in l x 94 in w, with rear cross storage and drop down doors		

Body and Chassis Accessories

28.	ICC (Underride Protection) Bumper Installed At Rear	1
29.	Combination 2 Ball (10 000 LB MGTW) and Rigid Pintle Hitch (16 000 LB MGTW with 3 000 LB MVL), 4-Bolt, Buyers BH82000	1
30.	Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.	1
31.	Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)	1
32.	Platform Rest, Rigid with Rubber Tube	1
33.	Articulating Arm Rest for a Telescopic Unit	1
34.	Boom Rest for a Telescopic Unit	1
35.	Wood Outrigger Pad, 19" x 19" x 2.5", With Rope Handle	4
36.	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
37.	Pendulum Retainers For Outrigger Pad Holders	2
38.	Mud Flaps With Altec Logo (Pair)	1
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.	Slope Indicator Assembly (Pair) For Machine With Outriggers	1

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
41.	Safety Harness & 4.5 FT Lanyard (Medium To X-large)	1	
42.	Driveaway Safety Kit	1	
43.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<u>Electrical Accessories</u>			
44.	Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)	1	
45.	4-Corner Strobes, Amber, LED, Two (2) Surface Mounted Lights In Grille, Two (2) Round Lights At Rear	1	
46.	Strobe Beacons, Amber LED, with Brush Guard, Installed on Post at Front of Body, One (1) Each Side (Standard) (Tecniq #K10-AAAD-1)	1	
47.	Dual Tone Back-Up With Outrigger Motion Alarm	1	
48.	PTO Hour Meter, Digital, with 10,000 Hour Display	1	
49.	6-Way Trailer Receptacle (Pin Type) Installed At Rear	1	
50.	Ford Upfitter Switches (Supplied with Chassis)	1	
51.	Inverter, 2400 Watt, Pure Sine Wave, 120 VAC (Sensata #12/2400N) -Install in CS1V	1	
52.	Power Distribution Module Is A Compact Self-Contained Electronic System That Provides A Standardized Interface With The Chassis Electrical System. (Includes Operator's Manual)	1	
53.	Install Chassis (OEM) Supplied Backup Camera in Final Assembly	1	
54.	Install secondary stowage system.	1	
55.	Install Remote Start/Stop system in Final Assembly.	1	
56.	Install Outrigger Interlock System	1	
57.	Heavy Duty Secondary Stowage Pump	1	
58.	PTO Indicator Light Installed In Cab	1	
<u>Finishing Details</u>			
59.	Powder Coat Unit Altec White	1	
60.	Finish Paint Body Accessories Above Body Floor Altec White	1	
61.	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.	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	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.		
62.	Apply Non-Skid Coating to all walking surfaces	1	
63.	English Safety And Instructional Decals	1	
64.	Vehicle Height Placard - Installed In Cab	1	
65.	Placard, HVI-22 Hydraulic Oil	1	
66.	Dielectric test unit according to ANSI requirements.	1	
67.	Stability test unit according to ANSI requirements.	1	
68.	Focus Factory Build	1	
69.	Delivery Of Completed Unit	1	
70.	Inbound Freight	1	
71.	As Built Electrical And Hydraulic Schematics To Be Included In The Manual Pouch	1	
72.	Stock Unit	1	
73.	Stock Unit Sold To Customer	1	

Chassis

74.	Altec Supplied Chassis	1	
75.	Altec Stock Chassis	1	
A.	2025 Model Year		
B.	Ford F550		
C.	Chassis Cab		
D.	Regular Cab		
E.	4x4 Drivetrain		
F.	Chassis Color - White		
G.	Ford 6.7L Power Stroke Diesel		
H.	Diesel		
I.	330 HP Engine Rating		
J.	Ford Torqshift 10-Speed Automatic Transmission (w/PTO Provision)		
K.	Clear Cab to Axle Length - 84 inches		
L.	Wheelbase Length - 169 inches		
M.	19,500 LBS Gross Vehicle Weight Rating (GVWR)		
N.	7,500 LBS Front Axle Weight Rating (FAWR)		
O.	14,706 LBS Rear Axle Weight Rating (RAWR)		
P.	Spring Suspension		
Q.	Ford E/F250-550 Single Horizontal Right Side Exhaust		
R.	Hydraulic Brakes		
S.	Park Brake In Rear Wheels		
T.	Ford 40 Gallon Fuel Tank (Rear)		
U.	Ford 7.2 Gallon DEF Tank (Mid Mount)		

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
V.	Dual Rear Wheels		
W.	225/70R19.5 Front Tire (Traction)		
X.	225/70R19.5 Rear Tire (Traction)		
Y.	98R - Operator Commanded Regeneration (OCR)		
Z.	63C - Aft Axle Frame Extension		
AA.	No Idle Engine Shut-Down Required		
AB.	50-State Emissions		
AC.	CARB Compliant		
AD.	Clean Idle Certification		
AE.	AM/FM Radio		
AF.	Air Conditioning		
AG.	Backup Camera, OEM Supplied		
AH.	Block Heater		
AI.	Bluetooth		
AJ.	Cruise Control		
AK.	Ford SYNC		
AL.	Keyless Entry		
AM.	Limited Slip Rear Axle		
AN.	Power Door Locks		
AO.	Power Windows		
AP.	872 - Rear View Camera and Prep Kit		
AQ.	Side Mirrors, Power Adjusting, Manual Folding, Manual Telescoping with Heated Glass		
AR.	Skid Plate		
AS.	Tachometer		
AT.	Tilt Steering Wheel		
AU.	Trailer Brake Controller (Factory Installed)		
AV.	Vinyl Split Bench Seat		

Additional Pricing

76.	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	
77.	Pure Sine Wave Inverter. 2400 Watts Continuous. GFCI Outlet at Rear - Installed by Service		
78.	(CS) Mounted Ladder Rack - Installed by Service		

Unit / Body / Chassis Total	230,254.00
FET Total	0.00
Total	230,254.00

Altec Industries, Inc.

BY _____

Emily E Barneycastle

Notes:

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1 Altec will make every effort to honor this quotation, subject to the following provisions. Prices for equipment with production start dates 12 months and beyond are budgetary only due to irregular cost inflation and market volatility. These prices will be reviewed based on market conditions 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 Estimated Delivery: 24-28 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.
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.

3 This quotation is valid until AUG 28,2023. After this date, please contact Altec Industries, Inc. for a possible extension.

4 F.O.B. - Customer Site

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

6 FINANCING AVAILABLE: Please contact Altec Capital at (888) 408-8148 or email finance@altec.com for more information.

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 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.

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

10 Altec Standard Warranty:

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

11 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.

12 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.

13 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.

14 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.

15 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.

16 Altec values your data privacy. The Altec Family of Companies (including Altec, Inc., and its 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.

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RECOMMENDED OPTIONS AND ACCESSORIES: 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.

KILEY

July 11, 2023

Third Taxing District
2 Second Street
Norwalk, CT 06855

Attention: Mike Adams, General Line Foreman

Re: 48 Foot Telescoping Articulated Material Handler

We are pleased to submit a proposal for furnishing one Line and Service Body, Terex Telelect Material Handling Aerial Device and cab chassis all per attached specifications.

Steel Line construction body for use with a Terex Telelect, model TL48 Telescopic Articulated Material Handling Device, painted and mounted on a Ford F600 4x4 Cab Chassis cab chassis with a factory cab axle (CA) of 84".
All per specifications attached.

Price of Body, Equipment and cab chassis
..... \$259,177.00

Option:

- 1. End mount basket with 180 degrees of rotation and hydraulically operated "Cobra" style jib and winch. In lieu of side mounted basket with side mounted jib add \$4,296.00

All prices F.O.B. Somerville, Massachusetts.

No provision for State or Federal Tax.

Due to the unprecedented issues with costs and supply chain delivery, this proposal is subject to an adjustment equal to any surcharges Terex, Body company and Ford applies to the order prior to delivery.

If you desire any additional data, kindly advise.

We trust that this proposal meets with your approval and that we may be able to serve you.

Very truly yours

JAMES A. KILEY CO.

James A. Kiley, jr.

Third Taxing District

Specifications for Line & Service Body for use with a 48 ft. Bucket Unit.

Body painted and mounted on a Conventional chassis with an approximate cab axle (CA) of 84", AE-86", dual rear tires, a minimum G.V.W. of 22,000 lbs. with a minimum section modulus of 18 and a transmission with a useable PTO opening.

Body

132" long x 94" wide.

Center floor space – 58" wide.

Floor – 1/8 Four-Way diamond safety floor plate.

Side cabinets – 18" deep x 40" high x 132" long.

24" top of floor to top of compartment.

3 Compartment type on right and 4 compartment type on left.

Weatherproof Doors equipped with recessed Stainless Steel door locks, Rotary handle style- all keyed alike, individual key locking; locks to be riveted on for easy replacement (not spotwelded); end type hinges with nylon inserts and stainless steel hinge pin;

Cabinets to be made of Galvanneal Steel.

Spring Loaded door holders.

Weatherproof Doors equipped with recessed Stainless Steel door locks.

Automotive bulb type weather-stripping.

Outside of fenders equipped with rubber edges.

Right Front (A) Compartment.

40" high x 28" long x 18" deep with vertical door.

6 – Swivel Material hooks 2-2-2 .

Outrigger cut out

Right Front (B) Compartment.

40" high x 27" long x 18" deep with vertical door.

3 – Removable material shelves with adjustable dividers.

Right Center Compartment

22" high x 53" long x 18" deep with horizontal door.

Shelf midway with adjustable dividers
Dividers in lower section

Right Rear Vertical Compartment – Omit for access way into bed.

In place of Right Rear Vertical Compartment provide curbside access way.
Approximately 29” wide with two grip strut steps. Steps to be spaced approx. 13” apart
tread to tread. Access way to be framed with smooth steel not diamond plate.

Left Front (A) Compartment

40” high x 28” long x 18” deep with vertical door.
3 Adjustable material shelves with 8 adjustable dividers.
Outrigger cut out

Left Front (B) Compartment

40” high x 27” long x 18” deep with vertical door.
7 – Swivel hooks (2-3-2) mounted at top

Left Center Compartment

22” high x 53” long x 116” deep with horizontal door.
Dividers in lower section

Left Rear Compartment.

40” high x 24” long x 18” deep with vertical door.
5 – Swivel hooks (2-3-0) mounted at top

1 - Thru Shelf, 132” long, 9” down, in left side compartment with door and key locking
handle at rear.

Body to be completely primed and painted, inside and outside and inside cabinets,
Painted coated White

Steel portions of boom and tower to be White.

Rustproof underbody.

Ferrox non-skid Black, entire bed area.

Additional Equipment:

Extend body platform and build in 36” platform extension of 6” channel and 3/16”
diamond plate to include thru compartment with doors opening to both
sides.

Re-enforce rear end of chassis, supply and mount a combo ball and pintle hook.
2 – tie off loops for safety chains at rear of body

1 Pair mud flaps, rear of rear tires

2 – Grab handle, at rear.

Relocate fuel fill in wheelhouse panel.

4 Rubber chock blocks.

2- Chock block holder in right side of body

1 – Double chock block carrier under tailshelf at left rear.

4 – Wood Outrigger pads, with rope handles.

2 – Outrigger pad holders to store under body, one each side, must hold 2 pads.

Two Rear grip strut steps

Extended chassis rails to support body.

1 - Rope Rail inside body right side forward on top mounted box, 36” long, include 6 hooks and chains.

Install Ladder Trough - approx. 132” long x 4” high x 21 ½” ID” wide with nylon bushed 2” roller at rear; mounted on left side cabinet; provide hold-down strap.

Body access steps - at right rear, in place of rear vertical, facing curbside (not facing rear of truck). Include two grip strut steps for entry and two grab handles. Steps to be recessed.

1 – Steel box right side of body box, 106" long X 16" high X 18" wide, two top opening doors with locking hasps and gas props.

Electrical Equipment, mounted and wired in fused circuits:

Identification Equipment:

2 Red reflectors on rear side of body. In marker lights.

2 Red reflectors on rear of body. In marker lights.

2 Red side marker lights on rear side of body.

2 Amber Clearance Lights at front of body.

2 Red Clearance Light at rear of body.

3 Red Identification Lights at rear.

All marker lights to be Truck Lite LED

2 - 44351R 4" LED stop tail turn Lights, recessed into rear channel one each side.

2 – 44350C 4" LED back up lights, recessed into rear channel one each side,

2 - 44211Y, 4” LED Strobe lights mounted recessed in the tail shelf.

2 – Led Whelen L21HAP amber strobes mounted one each side at front of body.

All cabinets to have LED Rope lights.

LED License Plate Light, and bracket. #15205 lamp, #15729 gray bracket

Trailer Socket at rear.

Electric Trailer brake controller from Chassis.

Back up alarm.

Remount Back up Camera from Chassis

Install a 1500 Watt Inverter, controlled from a switch on the dash. Provide two Remote outlets.

Aerial Device

Ground to bottom of basket – 47.5 ft., 52.5 ft. working height.

Unit to be articulating/telescoping aerial device that is designed in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design.

Lower Boom Articulation 0 degrees to +88 degrees.

Upper Boom Articulation -25 degrees to + 85 degrees.

Minimum 31.8 ft of side reach with lower boom at maximum articulation and upper fully extended.

One (1) person, side mounted fiberglass platform 24 x 30 x 42” deep.

Bucket rotator, rotates hydraulically 105° from the side to side

Bucket Rated capacity of 400 Lbs. Includes one (1) outside access step with a slip resistant surface.

Jib Winch:

Telescopic Material Handling Jib mounted on streetside of upper boom.

Jib/Winch package including a hydraulic tilting jib with a hydraulically powered winch.

The jib is to provide an articulation range of a minimum of 125 degrees.

The jib to be fiberglass in construction. Jib to be rectangular cross section for ease of extension and retraction. Include Head Sheave.

Jib to have 1-6 ft of extension and 5 pinning positions every 12 inches.

A boom storage/support cradle with tie-down strap shall be provided. Boom Stow protection.

Waterproof Cover for basket.

Shock absorbing basket rest to be included.

Outrigger motion alarm, back pressure type, provides audible signal that the outriggers are in motion.

Outrigger boom interlock, all four outriggers must be extended before the boom can get hydraulics. Each outrigger must have a roller switch enclosed in a steel housing, for protection, on the outside of the outrigger leg. Wand type switches are not acceptable.

Two (2) sets (4) Outriggers with integral holding valves; individual control valves mounted under tailshelf; two right and two left.

Front Outriggers mounted in body, they will extend through the front vertical cabinets.

Front outriggers to be full "A" Frame type. Located between tower and cab, located inside the body.

Rear outrigger to be under slung "H" style.

Full length Subframe from front outrigger to rear outriggers.

Outriggers to have pivot feet.

Selector Valve located at rear of body to choose outrigger or boom controls.

Hydraulic reservoir, 20 gallon, located in bed area left side forward, use Chevron HDZ 22 Oil.

Fiberglass Upper boom must ride on roller while extending. Roller to be on both side of the boom and bottom of boom. **Wear pads not acceptable.**

A safety harness and attached lanyard is provided, Fire retardant rated.

Platform Leveling is provided by a master/slave cylinder system.

A control at the lower control & upper controls is provided to tilt the platform for

clean out or personal rescue.

Full Pressure, Single Stick Top Controls with safety interlock; allows one hand control for all four boom functions-lift, extension and rotation; control valves equipped with grooved spools for pin point spotting.

Single stick to be a PTE 6000. This is to be 4 function single stick. The lower arm lift must be controlled by the single stick.

Single stick top control must be made of nonconductive material and is tested to maximum of 30 kv with no more than 400 micro amps leakage.

Separate control for lower arm is not acceptable.

A manual hydraulic stop is provided at the upper controls.

Lower Controls, Individual lower control levers are located in an accessible location on the turntable. The lower controls activate lower lift, main boom lift, boom extension, rotation and leveling.

An upper/lower control selector provides override of platform controls.

Fiberglass booms to be of rectangular design for less deflection.

Lower Boom; Constructed of high strength, rectangular steel tube with a rectangular biaxial epoxy resin filament wound, high strength fiberglass insert providing an insulation gap of 12 inches.

Upper boom, Aerial device upper boom is constructed of high strength steel with a rectangular bi-axial epoxy resin filament wound fiberglass insert. Inner boom is rectangular bi-axial epoxy resin filament wound fiberglass.

Lower Boom Cylinder, Single, threaded end gland design, double acting hydraulic lift cylinder equipped with integral holding valve.

Upper Boom Cylinder; A single double acting hydraulic lift cylinder equipped with integral holding valve.

Extension Cylinder; A single double acting hydraulic lift cylinder equipped with integral holding valve.

Pedestal and Turntable: The pedestal is of welded high-strength steel construction and designed with access holes for maintenance of hydraulic plumbing.

The pedestal top plate and turntable base plate are machined from a single piece of thick plate.

Continuous Unrestricted Rotation: A 3 port hydraulic rotary manifold provides a rotating oil distribution system for continuous and unrestricted rotation. One 3/8-inch hydraulic port is available for options.

Self-locking worm gear rotation drive is provided and equipped with bi-directional motor. A 7/8 inch external hex shaft allows for manual rotation.

Rotation Bearing; The rotation bearing is a heavy duty "shear-ball" bearing with external gear teeth utilizing polished alloy steel balls.

High-strength, grade 8 bolts attach the inner and outer races to the pedestal and turntable.

ANSI Rating: Aerial device is designed as a category C machine and is dielectrically tested and certified for operation up to 46,000 volts AC per

PTO installed on Ford Transmission with pump directly mounted to PTO.

Full pressure, open center hydraulic system. Hydraulic pump to provide 2.5-3.0 GPM at engine idle speed.

Shutoff valve on suction line to pump.

A spin-on type 10-micron return line filter is provided. A relief is also provide.

All metallic of the complete aerial device are finish painted White.

The fiberglass upper boom, boom inserts, platforms and covers are white.

Includes two sets of operation, maintenance and replacement parts manuals and all recommended decals.

Emergency hydraulic pump control at top controls dumps all hydraulic bucket and accessory functions.

Independent hydraulic tool line, at bucket, equipped with quick disconnect fittings and dust caps.

Emergency lowering system- 12V motor and hydraulic pump operates from vehicle battery to supply emergency hydraulic power, control located at basket and lower controls.

Insulated engine stop/start control at bucket controls, lower controls and right rear.

2 speed throttle if needed at upper controls.

Insulated bucket liner.

Di-electric test unit after installation.

Option:

1. End mount basket with 180 degrees of rotation and hydraulically operated "Cobra" style jib and winch. In lieu of side mounted basket with side mounted jib

CHASSIS CAB SPECIFICATIONS

Ford	Model F600	model year 2024/5
4x4		
G.V.W.R.		22,000 lbs.
Cab Axle (CA)		84"
Axle to End of Frame (AE)		79.6"
Wheelbase		169"
Rear Axle		Limited slip with 4.3 axle ratio
Front driving axle	Dana Spicer model 60-256	
Transfer Case	Skid Plates	
Brakes		Hydraulic with Parking Brake
Transmission		TorqShift 10- speed automatic
Engine		Diesel, 6.7L V8 Turbo B20 350 HP 700 lbs-ft torque
Wheels		19.5" x 6.75"
Tires		245/70R x 19.5 Four (4) traction tires on rear Two (2) A/P tires on front
Alternator		410 Amp, dual
Rapid-Heat Supplemental cab heater		
POWER INVERTER 12 Volt DC to 120 Volt AC, one out let in cab 120v/400w		

Steering	Power Steering
Fuel Tank	40 Gallon Step Tank.
DEF tank	6.75 Gallons. Frame mounted right side under cab.
Cab	Conventional with Tilt Hood.
Battery	Two (2) H.D. 12V, 1300 CCA Min. Mounted left side under cab.
Exhaust	Horizontal Muffler and horizontal Tailpipe, right hand side.
Radiator	H.D. cooling.
Tow Hooks	Tow (2) Front.
Interior	H.D. Deluxe, 2 visors.
Seats	40/20/40 split bench seat Driver's side manual lumbar
Radio	AM/FM, Stereo, Bluetooth, SYNC4
Color	White
Rear View Camera and prep kit	
Engine Block Heater	
Platform Running Boards	
Exterior Back Up alarm	
Front Wheel well liners	

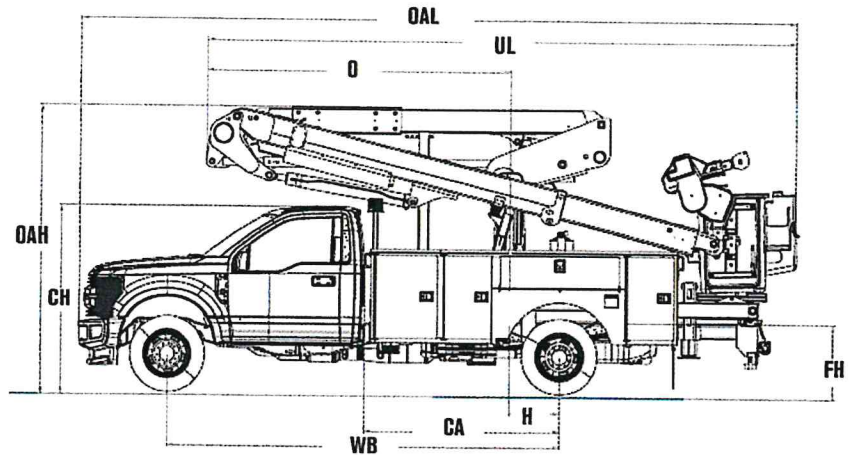


TEREX®

TL48 Aerial Device Hi-Ranger Telescopic Aerial Device

AERIAL DEVICE

Terex® Hi-Ranger Aerial Devices are known throughout the industry. They come with a long history featuring quality and innovative design.



Measurements	TL48
Typical Frame Height (FH)	32 in. (81.3 cm)
Typical Cab Height (CH)	78 in. (198.1cm)
Offset (O)	10' 11.25" (3.3 m)
Overall Height (OAH)	10' 3" (3.1 m)
Overall Length (OAL)	25' 10" (7.9 m)
Unit Length (UL)	21' 4" (6.6 m)
Center of Rotation (H)	21.5 in. (54.6 cm)
Cab to Axle (CA)	84 in. (213.4 cm)
Wheel Base (WB)	169 in. (429.3 cm)
Front Axle (FA)	7,500 lb. (3,402 kg)
Rear Axle (RA)	14,700 lb. (6,671 kg)
Gross Vehicle Weight Rating (GVWR)	19,500 lb. (8,845 kg)
Recommended Weight for Stability	14,500 lb. (6,577 kg)
Frame Section Modulus	12.7 in ³
Frame Yield Strength	50,000 psi
Frame RBM	635,000 in-lbs



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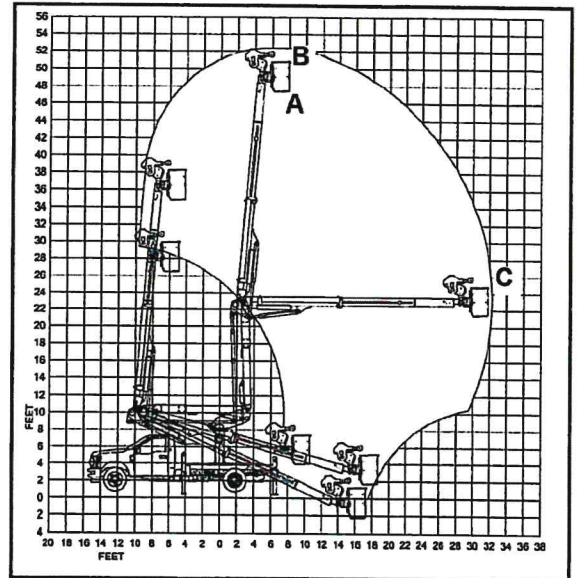
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TL48 AERIAL DEVICE

Hi-Ranger Telescopic Aerial Device

STANDARD EQUIPMENT

- End-Mount 24" x 30" x 42" One-Person Platform
- Platform Capacity up to 500 lb (226.8 kg)
- 4-Function Single Stick
- Safety Harness with Attached Lanyard
- Hydraulic Platform Rotator (180" End Mt.)
- Continuous Unrestricted Worm Gear Rotation
- Category "C" Rating Per ANSI A92.2
- Rectangular, Bi-Axial Epoxy Resin, Filament Wound Fiberglass Booms
- Individual Lever Lower Controls
- Dual Hydraulic Tools with Flow Control
- Hydraulic Platform Leveling System
- Platform Tilt Control at Upper and Lower Controls
- Steel Main Boom
- Fiberglass Second Section Boom
- Fiberglass Lower Boom Insert
- Full Pressure, Open-Center Hydraulic System
- 20 Gallon Hydraulic Oil Reservoir
- Engine Stop/Start
- Automatic Boom Latch with Padded Boom Rests
- Lower Boom Rest
- Outrigger Interlock
- Moving Outrigger Alarm
- Truck Level Indicator
- Powder Coated Finish Paint



Note: Graphic shown based on 40 in. frame height as required by ANSI A92.2. Typical Super-Duty chassis frame height is 32 in., therefore, deduct according to truck being used.

CAPACITIES & DIMENSIONAL DATA (Based on a 40 inch Frame Height)

Model	A Bottom of Platform Height (A)	B Working Height (B)	C Horizontal Reach (C)	Boom Travel	
				Lower Boom	Upper Boom
TL48	47.5 ft (14.5 m)	52.5 ft (16.0 m)	31.8 ft (9.7 m)	0 to 88 Degrees	-25 to 85 Degrees

OPTIONAL EQUIPMENT

- Various End Mount Platforms
- Various Platform Covers
- Liners With or Without Steps
- 24" Platform Lifter
- Jib Options
 - Hydraulic Articulating Jib/Winch, End Mount 1000 lbs. (453.6 kg)
 - Various Conductor Handling Accessories (Ref. PD3095)
- Lower Boom Lifting Eye
- Auxiliary Power
- Auxiliary Let Down System
- Boom Overstow Protection
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp
- HyPower™ Hybrid System by Terex®