

RICHMONT METROPOLITAN TRANSPORTATION AUTHORITY

RICHMONT EXPRESSWAY SYSTEM

CONTRACT NO. MR – 2018

ADDENDUM NO. 2

February 26, 2018

DESCRIPTION

The attached pages are issued to amend, and become part of the Contract Documents.

Contractor shall acknowledge receipt of this Addendum on the Receipt of Addenda form (Contract Page RA-1). Failure to complete and include the RA-1 form in the bid package may cause bid to be found irregular.

There is no change in the date that bids are due, and no change in the contract completion date from the dates contained in the Invitation to Bid.

SP-V Equipment Purchase and Delivery

All Bidders are directed to replace Page SP-V-1 from the Bid Documents with Addendum No. 2 Page SP-V-1.

All Bidders are directed to replace Page SP-V-2 from the Bid Documents with Addendum No. 2 Page SP-V-2.

All Bidders are directed to add Pages Addendum No. 2 SP-V-3 thru SP-V-9.

All Bidders are directed to delete Page SP-V-3.

This Addendum has been issued to revise the specifications for purchase and delivery of 2018 Ford F-550 Bucket Truck.

ADDENDUM NO. 2
2/26/2018

**SPECIAL PROVISION
EQUIPMENT PURCHASE AND DELIVERY**

DESCRIPTION

This work shall consist of purchasing new fully assembled and installed equipment for and delivery to the RMTA. Presented below are a list of items to be purchased and their minimum specification are contained herein. The Utility Trailer shall be delivered no later than May 18, 2018 and the Bucket Truck shall be ordered no later than 30 days after notice to proceed.

1. Bucket Truck
2. 16 FT Utility Trailer

The Contractor shall submit specifications certified by the manufacturer to the Engineer for approval prior to purchase of equipment. If the Contractor finds a similar product not meeting the minimum specifications, the Contractor may submit all applicable documents in writing for the Engineer to review. Alternate products not meeting minimum specification shall be substituted only with Approval by both the RMTA and the Engineer.

Once items have been approved, the Contractor shall submit a time for delivery to the Engineer and RMTA for approval. The Contractor shall be aware that delivery times shall take place typically between the hours of 8 A.M. to 5 P.M. Monday through Friday. All equipment shall be delivered to the SB Powhite Parkway Storage Yard.

All manuals, warranty information, registration information, and other paperwork shall be neatly organized in a binder when delivered. Additionally, all equipment shall be tested and have all fluids topped off, including, but not limited to fuel, oil, hydraulic fluid, etc.; so that each piece of equipment can be used in the manner it was intended for once it was delivered. All completed units shall comply and be tested in accordance with all applicable O.S.H.A. ANSI, FMVSS, etc. standards and regulations.

ITEMS FOR PURCHASE

Bucket Truck

2018 Ford F-550 Chassis Cab, 4x2, 169" Wheel base, 19500 # GVWR

Features

1. Articulating Telescopic Aerial Device, non-insulating with proportional joystick upper controls. Built in accordance to standard specifications and to include the following features:
 - A. Ground to Bottom of Platform Height: 40.5 feet at 8.3 feet from centerline of rotation (12.33 m at 2.54 m)
 - B. Working Height: 45.5 feet (13.85 m)
 - C. Maximum reach to edge of platform with Upper Boom Non- over center: 30.5 feet (at 17.0 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 10.9 inches of isolation in the upper boom (when retracted and 42.3 inches when extended).
 - I. Platform leveling is achieved by a hydraulic master-slave leveling system. This lifetime system is very low maintenance.
 - J. Control System:
 1. Control Handle: A single handle controller. The control handle is black in color. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation.
 2. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls.
 3. Control Console: Non-tested non-metallic control console plate.
 4. Boom Tip Covers: Non-tested non-metallic boom tip covers. The covers are not 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

3. Single 2-Man Platform, Aluminum (Non-Insulated), 60" x 36" x 45", End Mount, 180 Degree Rotation.
4. Platform Mounted Single Handle Controls
5. Material Handling Jib/Winch, Hydraulically Articulating, Top Mounted, Round (ARM Jib)
6. Rubber Floor Liner With Drainage For 60 x 36 x 45 inch (1524 x 914 x 1143 mm) aluminum platform
7. Hydraulic Tool Circuit at Platform: Control easily accessible to the operator activates the tool circuit. One set of hydraulic tool outlets at the boom tip; they consist of one set of quick disconnect couplings at the platform, a valve assembly inside the control cover, and detented control handle. Operates open center tools
8. 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.
9. 120 Volt Receptacle Installed At Platform
10. Jib Stick, 52" L, Extension Dependent, Non-Certified, grey in color
11. Slip Ring: Required for engine start/stop, secondary stowage system, and throttle control
Options
12. Outriggers, Primary, Modified A-Frame With Integrated Subbase, 30"-34" Chassis Height, Electric Interlock, No Valves On Legs, 114" Spread, Fixed Shoe
13. Winch load line swivel hook 1
14. Aerial Device Powder Painted White

Unit & Hydraulic Acc.

15. Electric Outrigger Controls for one (1) set 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.
16. Steel Reservoir, 15 gallon capacity, triangular, 17" L x 17" W x 24" H, and includes breather caps and dipsticks
17. HVI-22 Hydraulic Oil (Standard)
18. Standard Pump For PTO
19. Electric Shifted PTO
20. Standard PTO/Transmission Functionality for Small Ford and Dodge Chassis
21. Additional Unit/Hydraulic Accessory - Install Material handling extensions to platform.
Reference drawing 970547914 COR 970547916

Body

22. 132 inch Universal Aerial Body with outrigger housings, suitable for installing on any chassis with an approximate CA dimension of 84 inches, built in accordance with the

following specifications:

- A. Basic body fabricated from A40 grade 100% zinc alloy coated steel.
- B. All doors are full, double paneled, self-sealed with built-in drainage.
- C. Stainless steel hinge rods extend full length of door.
- D. Door hinges are zinc alloy material attached with rivets.
- E. All doors contain stainless steel, flush mounted, paddle activated rotary style latches with two-stage locking, including keyed locks and adjustable strikers.
- F. Heavy-gauge welded steel frame construction with structural channel crossmembers and treadplate floor.
- G. All edges are either rolled or folded for strength and safety.
- H. Door header drip rail at top for maximum weather protection.
- I. Neoprene or rolled fenders on wheel fender panels.
- J. Steel treated for improved primer bond and rust resistance.
- K. Automotive underseal applied to body.
- L. Automotive type non-porous door seals mechanically fastened to the door facing.
- M. 132 Inch Body Length
- N. 40 Inch Body Height (Standard)
- O. 94 Inch Body Width (Standard)
- P. 20 Inch Body Compartment Depth (Standard)
- Q. Body Color - White (Standard)
- R. Finish Paint Body At Body Manufacturer (Standard)
- S. 6 Inch Tall Wooden Tailboard Installed At The Rear of Body Cargo Area
- T. Stainless Steel Rotary Paddle Latch With Lock (Standard)
- U. Master Body Locking System (Standard)
- V. One Chock Holder On Each Side of Body With Retaining Lip In Fender Panel (Standard)
- W. Gas Shock Type Rigid Door Holders For Vertical Doors (Standard)
- X. Chains On Horizontal Doors
- Y. Hotstick Shelf Extending From Rear Of First Vertical To Rear Of Body On Curbside, With Standard Sized Drop-Down Door
- Z. Hotstick Shelf Extending Full Length Of Body On Streetside, With Standard Sized Drop-Down Door
- AA. 1st Vertical Street Side (LH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers
- AB. 1st Vertical Street Side (LH) - Outrigger Housing, With Outrigger Pin Access As Needed
- AC. 2nd Vertical Street Side (LH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers
- AD. 1st Horizontal Street Side (LH) - Vacant
- AE. Rear Vertical Street Side (LH) - One (1) Adjustable Shelf With Removable Dividers On 4 Inch Centers

- AF. 1st Vertical Curb Side (RH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers
- AG. 1st Vertical Curb Side (RH) - Inverter Shelf Installed In Top Of Compartment, With Louvered Panel On Rear Wall For Ventilation
- AH. 1st Vertical Curb Side (RH) - Outrigger Housing, With Outrigger Pin Access As Needed
- AI. 2nd Vertical Curb Side (RH) - Two (2) Adjustable Shelves With Removable Dividers On 4 Inch Centers
- AJ. 1st Horizontal Curb Side (RH) - Vacant
- AK. Rear Vertical Curb Side (RH) - One (1) Adjustable Shelf With Removable Dividers On 4 Inch Centers
- AL. 48" Tailshelf with Integrated Side Access Steps And One (1) Post-Style Grab Handle Installed To The Rear Of Access Steps
- AM. One (1) Grab Handle Installed On Rear Of Curbside Sidepack
Body and Chassis Accessories
- 23. ICC (Underride Protection) Bumper Installed At Rear
- 24. Receiver Hitch, 2", Class 3
- 25. Set Of Eye Bolts for Trailer Safety Chain, installed one each side of towing device mount.
- 26. Install Counterweight As Needed
- 27. Rigid Step Mounted Beneath Side Access Steps (Installed To Extend Approx. 2" Outward)
- 28. Platform Rest, Rigid with Rubber Tube
- 29. Boom Rest for a Telescopic Unit
- 30. Wod Outrigger Pad, 19" x 19" x 2.5", With Rope Handle
- 31. Outrigger Pad Holder, 20" L x 20" W x 5" H, Fits 19.5" x 19.5" x 4" And Smaller Pads, Bolt-On, Bottom Washout Holes, 3/4" Lip Retainer
- 32. Pendulum Retainers For Outrigger Pad Holders
- 33. Mud Flaps With Logo (Pair)
- 34. Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)
- 35. Slope Indicator Assembly For Machine With Outriggers
- 36. Driveaway Safety Kit
- 37. Vinyl manual pouch for storage of all operator and parts manuals
Electrical Accessories
- 38. Lights and reflectors in accordance with FMVSS #108 lighting package. (Complete LED, including LED reverse lights)
- 39. Standard Amber LED Strobe Light with Brush Guard - One (1) each side, installed on post at the front of the body
- 40. 4-Corner Strobes, Amber, LED, Two (2) Surface Mounted Lights In Grille, Two (2) Round Lights At Rear
- 41. Dual Tone Back-Up With Outrigger Motion Alarm
- 42. PTO Hour Meter, Digital, with 10,000 Hour Display

43. 6-Way Trailer Receptacle (Pin Type) Installed At Rear
44. Electric Trailer Brake Controller
45. Ford Upfitter Switches (Supplied With Chassis)
46. Mounting bracket for inverter mounted at bottom of body compartment
47. Inverter, 1500 Watt, Pure Sine Wave, 120 VAC
48. Inverter Wired Battery Hot (No Dash Mounted Switch)
49. 120 Volt GFCI Receptacle Includes Weather-resistant Enclosure - Installed at the curb side front of the body
50. Power Distribution Module Is A Compact Self-Contained Electronic System That Provides A Standardized Interface With The Chassis Electrical System. (Includes Operator's Manual)
51. Install secondary stowage system.
52. Install Remote Start/Stop system in Final Assembly.
53. Install Outrigger Interlock System
54. Standard Duty Secondary Stowage Pump
55. PTO Indicator Light Installed In Cab

Finishing Details

56. Powder Coat Unit White
57. Standard; Components mounted below frame rail shall be coated black 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 underside of body shall be coated black i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.
58. Apply Non-Skid Coating to all walking surfaces
59. English Safety And Instructional Decals
60. Vehicle Height Placard - Installed In Cab
61. Placard, HVI-22 Hydraulic Oil
62. Stability test unit according to ANSI requirements.
63. Focus Factory Build
64. Assembly
65. Inbound Freight
66. Installation -
67. Stock Unit 1
Chassis
68. Chassis
69. Supplied Chassis
70. Other Chassis Model Year - 2017
71. Ford F550
72. 4x2
73. 84 Clear CA (Round To Next Whole Number)
74. Regular Cab

75. Chassis Cab
76. Chassis Color - White
77. Chassis Wheelbase Length - 169
78. Ford 6.7L Power Stroke Diesel
79. Ford Torqshift 6-Speed (6R140) Automatic Transmission (w/PTO Provision)
80. GVWR 19,500 LBS
81. 7,000 LBS Front GAWR
82. 14,706 LBS Rear GAWR
83. 225/70R19.5 Front Tire (Traction)
84. 225/70R19.5 Rear Tire (Traction)
85. Hydraulic Brakes
86. Park Brake In Rear Wheels
87. Ford E/F250-550 Single Horizontal Right Side Exhaust
88. 63C - Aft Axle Frame Extension
89. 98R - Operator Commanded Regeneration (OCR)
90. No Idle Engine Shut-Down Required
91. 50-State Emissions
92. Clean Idle Certification
93. Ford 40 Gallon Fuel Tank (Rear)
94. Ford 7.2 Gallon DEF Tank (Mid Mount)
95. AM/FM Radio
96. Air Conditioning
97. Tilt Steering Wheel
98. Block Heater
99. Vinyl Split Bench Seat

Altec Industries, Inc. may have the specified vehicle in stock. A point of contact with Altec is Luke Mansfield, (804) 219-8490 and Luke.Mansfield@Altec.com

1. **16 FT U8 7K Utility Trailer**

Features

- 2ft Exp Metal Sides, Black
- 2 Inch Bulldog Coupler
- Safety Chains
- 2000 lb Swivel Jack
- 2 3500 lb Posi-Lube Axles w/Electric Brakes on One Axle
- 15 Inch Radial Tires

- Stake Pockets
- Treadplate Removable Aluminum Fenders
- 4-inch Channel Frame & Tongue
- 2 ½ Inch x 2 ½ Inch x 3/16 Inch Angle Crossmembers
- 2 Inch x 2 Inch Removable Side Rail
- 2 Inch x 2 Inch Top Rail
- Treated Floor
- 83-Inch-Wide Deck
- DOT Approved Flushmount Lights
- Sealed Wire Harness
- Sand Blasted, Acid Washed and Powder Coated
- Steel diamond Plate Fenders
- Black Spoke Wheels
- Front Toolbox
- 7K Jack
- 4 Cargo Tie Down Loops
- Spare Tire Mount

Additional Requirements

- EZ Gate Tailgate Lift Assist
- 3 Position Classic Series Trim (Open Trailer)

Superior Trailer may have the specified trailer in stock. A point of contact with Superior Trailer is Scott Stanley, (804) 275-5557 and scott@superior-trailer.com

MEASUREMENT AND PAYMENT

Acquisition and Delivery of the Bucket Truck will be measured per lump sum and paid for at the contract unit price. The price shall include; purchasing for the RMTA, delivering equipment to the RMTA, all labor and equipment to connect the Dur-A-Lift to the body, any testing and break-in procedures, organization of all paperwork neatly in a binder, and all equipment, labor and incidentals required to complete the work.

Acquisition and Delivery of Utility Trailer will be measured per lump sum and paid for at the contract unit price. The price shall include; purchasing for the RMTA, delivering equipment to the RMTA, any testing and break-in procedures, additional costs associated with filing required reservoirs (fuel, oil, Hydraulic fluid, etc.), organization of all paperwork neatly in a binder, and all equipment, labor and incidentals required to complete the work.

Pay Item

Acquisition and Delivery of Bucket Truck

Acquisition and Delivery of Utility Trailer

Pay Unit

L.S.

L.S.