

Date: February 15, 2018

Requisition No.: 165368

**PURCHASING DEPARTMENT  
101 EAST 11<sup>TH</sup> STREET  
CITY HALL  
SUITE G13  
CHATTANOOGA, TENNESSEE  
37402**

**Request for Bid (RFB) for the City of Chattanooga, Tennessee**

*Proposals will be received at 101 East 11<sup>th</sup> Street, Suite G13,  
Chattanooga, TN 37402 until 2:00 P.M., EST. on March 1, 2018*

**Requisition / Bid No.: R165368 / 305023**

**Ordering Dept.: Fleet Management Division, Public Works**

**Buyer & E-mail: Mark McKeel mmckeel@chattanooga.gov**

\*\*\*\*\*

**Items Being Purchased: Bucket Truck Chassis & Body**

\*\*\*\*\*

**\*\*\*REQUEST FOR BIDS MUST BE RECEIVED\*\*\***

**2:00 P.M., EST on March 1, 2018**

\*\*\*\*\*

**\*\*\*PRE-BID CONFERENCE WILL BE CONDUCTED\*\*\***

**10:00 A.M., EST on February 22, 2018**

\*\*\*\*\*

**The City of Chattanooga reserves the right to reject any and/or all proposals,  
waive any informality in the proposals received, and to accept any proposal  
which in its opinion may be for the best interest of the City.**

**The City of Chattanooga will be non-discriminatory in the purchase of all goods  
and services on the basis of race, color or national origin.**

**The City's Standard Terms and Conditions may be found on website:**

**<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>**

**Note: ALL BIDS MUST BE SIGNED**

All proposals received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Offeror acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.

**PLEASE PROVIDE THE FOLLOWING INFORMATION:**

**Company Name:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**City & Zip Code:** \_\_\_\_\_

**Phone/Toll Free No.:** \_\_\_\_\_

**Fax No.:** \_\_\_\_\_

**E-Mail Address:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

**Company Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

# BID SOLICITATION



**City of Chattanooga**  
**101 East 11th Street, Suite G13**  
**Chattanooga, TN 37402**

## BID OPENING DATE AND TIME:

01-MAR-18 at 2:00 PM

**BID NUMBER: 305023**

## SEALED BIDS

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

## BUYER:

**PHONE #:** (423) 643-7230

**DELIVERY REQUIRED:**

V  
E  
N  
D  
O  
R

RFQ

M  
A  
I  
L  
T  
O

City of Chattanooga  
 101 East 11th Street, Suite G13  
 Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
Requisition / Bid No. 165368 / 305023: Ordering Dept.: Fleet Management Division, Public Works Buyer: Mark McKeel Phone No.: 423-643-7236  Items Being Purchased: Bucket Trucks  ATTACHMENTS: Specifications (15 pages) Affirmative Action Plan (2 pages) Insurance Requirements (2 pages) Iran Divestment Act Disclosure (1 pages)  This Shall Be A Twelve (12) Month Blanket Contract To Supply Bucket Trucks to Fleet Management Division, Public Works.  The Contract Term May Be Renewed For An Additional Two (2) Twelve (12) Month Terms Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein.  QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.  *** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON <March 1, 2018> ***  City of Chattanooga (COC) Terms and Conditions posted on Website <a href="http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions">http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions</a>  If you can't download call buyer for a copy.  NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.  Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.  The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any bid which in its opinion may be for the best interest of the city.  The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.					

# BID SOLICITATION



**City of Chattanooga**  
**101 East 11th Street, Suite G13**  
**Chattanooga, TN 37402**

## BID OPENING DATE AND TIME:

01-MAR-18 at 2:00 PM

**BID NUMBER: 305023**

## SEALED BIDS

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

## BUYER:

**PHONE #:** (423) 643-7230

**DELIVERY REQUIRED:**

V  
E  
N  
D  
O  
R

RFQ

M  
A  
I  
L  
T  
O

City of Chattanooga  
 101 East 11th Street, Suite G13  
 Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
<p>**** NOTE ****</p> <p>PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:</p> <p>Company Name _____</p> <p>Address _____</p> <p>Phone/Toll-Free No. _____</p> <p>Fax No. _____</p> <p>eMail Address _____</p> <p>Contact Person's Name _____</p> <p>Estimated Delivery _____</p> <p>Minority-Owned Business _____ Small Business _____ Veteran _____</p> <p>Minority Woman-Owned Business _____ Disabled Veteran _____</p> <p>Woman-Owned Business _____</p> <p>**** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****</p>					

**NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS**

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

The City is Exempt from all Federal and State Tax.  
 Bids will be received at the above mentioned address.

COMPANY: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

## SEALED BIDS

**BID OPENING DATE AND TIME:**

01-MAR-18 at 2:00 PM

**BID NUMBER: 305023**

**BUYER:**

**PHONE #:** (423) 643-7230

**DELIVERY REQUIRED:**

VENDOR

RFQ

MAIL TO

City of Chattanooga  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Bid-Bucket truck-Specs attached	1	Each	_____	_____

NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

The City is Exempt from all Federal and State Tax.  
Bids will be received at the above mentioned address.

COMPANY: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

# Bid Boilerplate for Vehicles For Chattanooga Public Works Department Fleet Management Specifications For Bucket Trucks 2018

## INTRODUCTION

These specifications describe the vehicle and accessories to be purchased by the City of Chattanooga ("City"), Public Works Department, Fleet Management Division.

These specifications consist of three (3) parts:

1. **Required Features** – these requirements must be met without exceptions for a bid to be considered acceptable.
2. **Preferred Features** – attributes/performance that the City wants, however exceptions to Preferred Features are allowed with explanation (The more Preferred Features that are met by a bid, the better the bid).
3. **Options** – additional features/conditions that are optional (i.e., may or may not be offered by Suppliers, and may or may not be purchased by the City); Options will be priced as separate line items.

The attached specifications describe the requirements for two (2) Insulated Bucket Trucks and accessories to be purchased by the Chattanooga Public Work Department, Fleet Management Division. The specifications are intended to be flexible enough for all major manufacturers to comply. The uses of names or part numbers are used for cross-referencing to another brand name to be equivalent or greater to the specifications.

This shall be a twelve (12) month contract with an additional two (2) twelve (12) month renewals for purchasing bucket trucks.

## **Bid Requirements**

1. The entire vehicle/apparatus is to conform to D.O.T., ANSI, FMVSS, NFPA, OSHA, and to the requirements of all other applicable regulatory agencies.
2. Parts not specifically mentioned that are necessary to furnish a complete chassis or body/apparatus must have been produced using the automotive industries best manufacturing practices. This pertains to design, quality of materials and workmanship.
3. Using the 4 attached specifications, bidders must indicate either "YES" or "NO" to the right of all line specifications. Exceptions or "NO" responses are to be listed and FULLY explained on a separate page. Failure to complete the spreadsheet or failure to properly document exceptions to the specifications may result in the bid being declared "non-conforming".
4. Loose and miscellaneous equipment is to be provided only as required by D.O.T. and specifications.
5. Each bid is to be accompanied by a set of manufacturer's, and as applicable, Vendor's specifications. These are to consist of a detailed description of the proposed vehicle/apparatus and equipment. The specifications are to indicate size, type, model and make of all component parts and equipment. A CAD drawing of the proposed vehicle indicating wheelbase, Cab to Axle and Cab to end of frame measurements is desired. All weights and horsepower/torque to transmission ratios to axle ratios shall be approved by engineering per vehicle manufacturer to include all detachable components and operations.

All vehicles will be delivered with factory service manuals, wiring diagrams and component locators for cab, chassis and bodies installed on vehicle. CD's, DVD.s or Flash drives will be accepted.

All warranties will be listed with specific details as to time, including any and all exclusions. No warranties can be Terminated or Canceled for any reason during the warranty coverage as stated in bid where specified. No travel or drive time for repairs will be paid while under any manufacturer's warranty.

All power train components, assemblies, subassemblies, component parts and so on, will be designed and constructed with due consideration to the nature and distribution of the load to be sustained and to the general character of the service to which the vehicle is designed for and to be subjected to when placed in service. All parts of the vehicle will be strong enough to withstand the general service under full load. The vehicle will be so designed that the various parts are readily accessible for lubrication, inspection, adjustment and repair, and complete unit engineering approved.

All vehicles will be supplied with a line sheet to include as built and current part numbers of any and all components installed on vehicle.

The specified vehicle will be capable of reaching and maintaining a minimum speed of 20 MPH on any grade up to and including 25% or 15 degree grade. The vehicle will be capable of attaining a true speed of 35 MPH in 25 seconds and programmed not to exceed 62 MPH.

All warranty registrations will be completed by bidder and copies provided upon delivery, all warranties will begin on any and all components on the in service date or delivery date if no special training is needed to begin operating vehicle.

Any special software or hardware needed to perform diagnostics on any computer mounted on cab, chassis and body shall be provided by bidder.

All vehicles shall be equipped with a master disconnect switch inside cab by Drivers seat,

## **Warranty**

1. Warranty period shall be for three (3) years on the Bucket truck chassis, body and all of its components with no exceptions.
2. Warranty shall start on in service date.
3. All warranty registrations shall be completed by the vendor and copies provided upon delivery.
4. Bid an optional Warranty period to be "Bumper-to-Bumper" for five (5) years on the chassis, engine, transmission and drive train, body and all components excluding wear items.
5. Bidder shall include copy of warranty terms and conditions, and a list of any exceptions from the warranty as well as wear items.

**MY BID MEETS ALL REQUIRED FEATURES:**

**YES** \_\_\_\_\_ **NO** \_\_\_\_\_

Signed by Bidder: \_\_\_\_\_



## Preferred Features

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Comply; Y/N</u>
-------------	-----------------	--------------------	--------------------

### Bucket Truck

1. Telescoping articulating aerial device with insulated pistol-Grip system at the boom tip and continuous rotation, installed behind the cab.
  - A. Ground to Bottom of Platform Height: 37.5 feet
  - B. Working Height: 42.5 feet
  - C. Maximum Reach to Edge of Platform: 28.3 at 14.4 feet of platform height.
  - D. Pedestal: Post type pedestal design with large service opening. Pedestal consists of fixture welded steel tubing 8.63 inch (219 mm) diameter. The 1.0 inch (25.4 mm) top plate of the pedestal machined after welding to provide a rigid, flat mounting surface for the rotation bearing. This extends the life of the bearing and reduces the life cycle cost. The pedestal is bolted to a quick mount interface frame which is attached to the chassis frame utilizing a bolt-on technique.
  - E. Turntable: Steel fixture-welded structure with a 1.0 inch (25.4 mm) steel bottom plate. The bottom plate of the turntable is machined after welding to ensure a flat mounting surface for the rotation bearing. A steel ring is welded to the bottom plate to stiffen the plate and to protect the rotation bearing. For ease of maintenance, hydraulic valving is located on the side of the turntable and protected by a metal guard.
  - F. Lift Cylinders: The rod eye is welded to the rod while the blind end of the cylinder is of cast steel, one piece design, which utilizes cartridge-type, bi-directional counter-balance holding valves. Non-lubricated type bushings are used at each end of the cylinder.
  - G. Telescopic Boom: Fabricated, reinforced steel, two-section telescopic boom with lower section. Ultra-high molecular weight polyurethane slide pads are installed at the boom tip to guide the telescopic upper boom section. These pads have a large contact area in order to reduce wear. The pads are shimmed and attached to externally removable steel plates for ease of adjustment or replacement without disassembly of the booms.

- H. Telescopic Upper Boom Section: Rectangular filament wound fiberglass. Providing a minimum of 8.0 inch (203 mm) of isolation when retracted and 35 inches (889 mm) when extended. The inner surface of the fiberglass boom has acrylic polyurethane applied to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface has a smooth gelcoat finish.
- I. Telescopic Boom Pivot Pin: High strength chrome plated steel with self-lubricating, replaceable, non-metallic bearing.
- J. Telescopic Upper Boom Extension: The upper boom section is extended and retracted by a double acting hydraulic cylinder installed within the booms. Chain is not acceptable. The boom extends and retracts over slide bearings located in the end of the lower boom section.
- K. Platform Leveling System: The platform is leveled by hydraulic leveling means, contained within the upper boom and designed to **maintain the dielectric integrity of the aerial device**. Controls for leveling and tilting the platform are located at the platform. Leveling for the platform includes two (2) double acting cylinders incorporating counter-balance load holding valves to lock the platform in the event of hydraulic line failure. Cylinders are located at the platform and at the end of the lower boom. The master-slave action of the cylinders maintains a level platform throughout the full range of boom articulation.
- L. Platform: Totally enclosed, fiberglass.
- M. Controls: The Control System for all models is a full pressure type operating at 2,200 psi (152 bar) maximum. The upper control, located at the platform, consists of a single handle control of the filler type. The single handle control, through an insulated linkage, actuates valves in the control head to actuate the boom. The controls provide fine metering capability and allow the operator to make simultaneous multiple boom movements. The single handle control activates Lower Boom – **Up and Down**, Upper Boom – **Extend/Retract**, and Rotation – **Clockwise/Counter-clockwise**. Unit rotation is accomplished by moving the control from side-to-side similar to a tiller. Conventional multiple lever ground controls located on the turntable include an upper control override. The same control handle controls the articulating arm for Up and Down. Pistol grip is a 4-function controller.

- N. Manual Lowering Valve: A valve located at the boom tip, easily accessible by the operator without having to remove any covers allows the lower boom to be lowered in the case of engine or hydraulic system failure.
- O. Bucket must be able to articulate from one side to another and raise an additional 20" in working height.
- P. Boom Articulation: Travel arc should be -13.5 to +80. Platform shall come to the ground for operator entry.
- Q. Diagnostic Pressure Test Quick Disconnect Couplings: Are located at the turntable to allow a mobile service technician to quickly and easily attach a test gauge to verify system and tool circuit pressure. This reduces life cycle cost.
- R. ISO 9001: This aerial device is designed in a facility that is certified to meet ISO 9001 requirements.
- S. ANSI Category C, 46 KV and below dielectric rating.
- T. Manuals: Two (2) Operator's and two (2) Factory Maintenance/Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device.
- U. Paint: Painted white with a Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the **inside** as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection.
- V. Articulating Arm: Tubular steel structure with insulating fiberglass insert. The articulating arm is designed so that the articulating arm and telescopic boom are compensating. By raising the articulating arm only, the arm and telescopic boom maintain the same relative angle with the ground. By raising the articulating arm in conjunction with the telescopic boom, the operator is able to position himself more quickly and easily into the work area.

2. The pistol-Grip System includes the following boom tip components that can provide an additional layer of secondary electrical contact protection. This is not a primary protection system.
  1. Control Handle: An insulated single handle controller that is dielectrically tested to 40 kV AC with no more than 400 microamperes 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.
  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.

Pistol grip dielectric certification tested to 40 kV as minimum requirement, must be dated, signed and delivered with completed vehicle showing test voltage, and tester's signature.

3. Single, one-man platform with 180 degree Rotator – End-mounted, 24" x 30" x 42", platform is rated at 400 pounds minimum. Platform rotates 180 degrees about boom tip.
4. Reservoir, 15-gallon capacity, installed on the pedestal.
5. Engine start/stop, captive air, located at platform.
6. Mounting frame – post mount for straight frame application. Unit weight shall not exceed 1,700 pounds.

### **Unit and Hydraulic Accessories**

7. Scuff pad for 24" x 30" platform.
8. Platform liner, 24" x 30" x 42".
9. Platform cover, 24" x 30", foam filled.
10. Hydraulic oil, lubricants and filter installed.

11. Pump, vane type, mounted to Power Take-off on chassis transmission.
12. Cab controlled heavy-duty SAE power take-off, electric shift, installed with indicator light in cab, for automatic transmission.

### **Body**

13. Body suitable for installing on any chassis with an approximate CA dimension of 84", built in accordance with the following specifications:
  - A. Body: Fabricated from A60 grade 100% zinc alloy coated steel with the following minimum gauge thickness:
    1. 16 gauge outside panels
    2. 20 gauge door panels
    3. 18 gauge shelving, spangled steel
    4. 12 gauge steel floor, formed tread plate
  - B. Body Dimensions:
    1. 132" overall body length
    2. 94" outside width
    3. 40" body height
    4. 18" compartment depth
    5. 58" floor width

C. Compartmentation – Curbside:

1. First Vertical: (30") Two (2) adjustable shelves with removable dividers
2. Second Vertical: (30") Two (2) adjustable shelves with removable dividers on 4" centers
3. Horizontal: (54") One (1) removable shelf with eight (8) removable dividers
4. Rear Vertical: (24") Open for platform storage

D. Compartmentation – Streetside:

1. First Vertical: (30") Two (2) adjustable shelves with removable dividers on 4" centers
2. Second Vertical: (24") Two (2) adjustable shelves with removable dividers on 4" centers
3. Horizontal: (54") One (1) removable shelf with removable dividers on 8" centers
4. Rear Vertical: (24") Open for platform storage

**Additional Items:**

- Spray anti-slip coating shall be applied to inside bed.
- Full length shelf in top of curbside compartments with rear drop door.
- Wheel chock storage, two (2) curbside wheel wells.
- Master body locking system installed one (1) per side of body, located at front of body.
- Rope style LED compartment lighting (Grote XTL LED Light Stripe) with automatic switches when doors opened and master switch located in chassis cab.
- Inside of body compartments painted with speckled paint.

- 5" drop in metal tailgate.
- Install conduit carrier on top of curbside tool box with hold down straps.
- Doors with locks are to be on any possible compartment.
- Fabricate and install cone holder.
- Install rope hooks in both front compartments
- Exhaust to be extended to prevent paint damage or heat damage during regeneration.

### **Body Accessories**

14. 94" long x 29" side x 8" tall tread plate tail shelf with two-section tread plate bumper tapered for pintle hook, 10" wide. Liner coated, anti-slip.

Tail shelf needs to be 29" long. Extension, if necessary, needs to extend off of tail shelf made of 2 x 2 inch tubing with expanded metal to protect platform while backing. Edge of guard shall have a rubber dock bumper. Must have a Transverse compartment with door openings on both sides under tail shelf.

15. Grab handle installed at curbside and streetside rear corners of tail shelf.

16. Rubber hanging step installed at curbside and streetside rear corners of tail shelf.

17. Boom storage support installed at streetside rear of cargo area, Installed as close to streetside cargo area wall as feasible to maximize access to cargo area.;

18. Boom storage to include ratchet strap type tie down.

19. Platform rest, rubber tube type. Installed directly on tail shelf, bolted and positioned under platform for support of platform during transit.

20. Outriggers – Modified A-frame type.

21. Dimensions Inverter model number 3600 NPL, providing 3600 watts and 30 amps.

- 22. Combination 2" ball and pintle hook installed on the frame extension. To also include two (2) safety chain eyes installed one each side of pintle hook with 6-pin round trailer plug.
- 23. Splash aprons (Mud flaps) installed behind rear tires. One each side of body.

### **Electrical Accessories**

- 24. Lights and reflectors in accordance with FMVSS #108 lighting package, LED type.

All lighting to be LED with programmable flash pattern. AMBER

- 25. Four (4) Grill Mounted strobe in front and four (4) rear surface mount..
- 26. Code 3 #2158CFD-2 Amber with switch panel or equal
- 27. Post mounted spotlight installed on streetside and curbside of chassis cab door post. LED;
- 28. 97 Db back-up alarm installed between chassis frame rails. Back-up alarm to activate when chassis is in reverse.

### **Final Assembly**

- 29. Paint accessories one color, WHITE, to match chassis cab. The 4 aerial device is painted white with the powder coat paint process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the inside as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection..
- 30. Ten pound fire extinguisher with mounting bracket. Mounted in right rear vertical (curbside) compartment.
- 31. Triangular reflector kit shipped loose behind bench seat in chassis cab.
- 32. Fall Protection System to include one extra large body harness and 6 foot fixed length decelerating type lanyard. Harness has tongue buckle type strap for leg, waist and shoulder. Decelerating lanyard has 1" nylon webbing with rip-stop deceleration device.
- 33. Steel wheel Chocks, pair, 10" L x 8" W x 5 3/4" H



34. Safety and Instructional signs installed per standards. To comply with all ANSI and OSHA standards.

### **Chassis**

35. 2018 Model Cab and Chassis

36. Ford F-550

37. 4 x 2 Conventional Cab.

38. GVWR: 17,950 lbs.

39. FGAWR: 7,000 lbs.

40. RGAWR: 13,000 lbs.

41. Wheelbase: 165"

42. Cab-to-Axle dimension: TBD by Body Manufacturer.

43. Transmission: 5-speed automatic with PTO provision.

44. Engine: Turbo Diesel.

45. Exhaust type: Horizontal.

46. 12V power point on dash

47. Tires: Mud and Snow rear

48. Fuel Tank: 40 Gallons

49. Alternator: 130 Amp

50. Brakes: Hydraulic

51. Air Conditioning

52. Batteries: Dual

53. Instrument Package with Tach

54. Heavy Duty Cooling Package

- 55. Engine Cooler
- 56. Bench Seat
- 57. Intermittent Wipers
- 58. AM/FM Stereo with Bluetooth capability
- 59. Cab Steps – Running boards factory installed
- 60. Cab access grab handles on driver and passenger side
- 61. Hour Meter
- 62. Back-up Camera
- 63. Power windows and locks
- 64. Must provide additional springs after body is mounted to sit level
- 65. Four (4) LED Amber flashing lights front and rear
- 66. Two (2) LED Strobe mounted on turret above cab height to articulate with lift Stand Off nRoads LED Beacon/ Amber and White
- 67. Hydraulic Brake Lock – to lock all wheels when lift is in use.

### **Radio Requirements**

- 68. 20 amp continuous circuit power and ground shall be provided with an additional 4 amp ignition feed.
- 69. RG58 Antenna cable with 800 MHz NMO mount and min UHF connector.

## Options

Total life cycle cost will be used as part of the analysis of bids for all vehicles and equipment purchased by the City of Chattanooga, Fleet Management Division. This includes daily cost of vehicle downtime.

For any and all Vehicles and/or Equipment purchased by the City of Chattanooga, Fleet Management Division, a re-imbursement of daily cost for vehicles under warranty and out of service for a period of greater than ten (10) days. This means if you are not serious about the support of vehicles you sell, you need to consider this factor as a cost item to you in this bid.

Provide supplemental bid for five (5) year warranty: \$ \_\_\_\_\_

Telescopic Aerial and Body Price: \$ \_\_\_\_\_

Chassis: Conventional: \$ \_\_\_\_\_

## Affirmative Action Plan

The City of Chattanooga is an equal opportunity employer and during the performance of this Contract, the Contractor agrees to abide by the equal opportunity goals of the City of Chattanooga as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. In all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, any contractor and/or subcontractor is further required to file in duplicate within ten (10) days of being notified that it is the lowest responsible bidder, an affirmative action plan with the EEO Director of the City of Chattanooga. This plan shall state the Contractor's goals for minority and women utilization as a percentage of the work force on this project.
5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project. This plan or attachment thereto shall further describe the methods by which the Contractor or Subcontractor will utilize to make good faith efforts at providing employment opportunities for minorities and women.

During the term of this contract, the Contractor upon request of the City, will make available for inspection by the City of Chattanooga copies of payroll records, personnel documents and similar records or documents that may be used to verify the Contractor's compliance with these Equal Opportunity provisions.

6. The Contractor will include the portion of the sentence immediately preceding paragraph 1 and the provisions of paragraphs 1 through 6 in every subcontract so that such provisions will be requested of each subcontractor. The Contractor agrees to notify the City of Chattanooga of any subcontractor who refuses or fails to comply with these equal opportunity provisions. Any failure or refusal to comply with these provisions the Contractor and/or Subcontractor shall be a breach of this contract.

---

(Signature of Contractor)

---

(Title and Name of Construction Company)

---

(Date)

## REQUIREMENTS FOR INSURANCE COVERAGE

The Contractor shall not commence work under these Contract Documents until he has obtained all insurance required herein nor shall the Contractor allow any Subcontractor to commence work on his subcontract until similar insurance required of the Subcontractor has been obtained by the Subcontractor. Insurance shall be placed by the Contractor with one or more insurance carriers licensed to do business in the State of Tennessee. Each insurance policy shall be renewed ten (10) days before the expiration date of the policy.

Certificates of Insurance shall be filed with the City prior to commencement of the work. These certificates shall contain a provision that coverage's afforded under the policies will not be changed or canceled unless at least fifteen (15) days' written notice has been given to the City. The Contract shall not be binding upon the City until the insurance coverage required herein has been obtained and certificates have been filed with the City.

Adequate insurance coverage shall be maintained by the Contractor at all times. Failure to maintain adequate coverage shall not relieve the Contractor of any responsibilities or obligations under these Contract Documents. In the event any insurance coverage is canceled or allowed to lapse, the Contractor will not be permitted to prosecute the work until adequate and satisfactory insurance has been obtained and Certificates of Insurance furnished to the City. Failure to keep insurance policies in effect will not be cause for any claims for extension of time under these Contract Documents.

All such policies shall be subject to approval by the City Attorney. Should the City Attorney at any time in his sole discretion determine that the insurance policies and certificate provided may not be sufficient to protect the interests of the City because of the insolvency of the insurance company or otherwise, the Contractor shall replace such policies with policies meeting his approval.

The Contractor shall procure and maintain at his own expense, during the Contract Time, insurance as hereinafter specified:

Workmen's Compensation Insurance that shall protect the Contractor against all claims under applicable state workmen's compensation laws shall be maintained. The Contractor shall also be protected against claims for injury, disease or death of employees which, for any reason, may not fall within the provisions of a workmen's compensation law. This policy shall also include an endorsement providing coverage in all States in which work is performed. The Contractor shall require all the Subcontractors to provide similar Workmen's Compensation Insurance for all the Subcontractors' employees on the work unless such employees are covered by the protection afforded by the Contractor. The liability limits shall not be less than that required by statute.

General Public Liability and Property Damage Insurance that shall be written in comprehensive form and shall protect the Contractor against all claims arising from injuries including death, to members of the public or damage to property of others arising out of any act or omission of the Contractor or his agents, employees, or Subcontractors. In addition, this policy shall specifically insure the contractual liability assumed by the successful bidder to defend and indemnify the City of Chattanooga against such claims or suits.

To the extent that the work may require blasting, explosive conditions or underground operation, the comprehensive general public liability and property damage coverage shall contain no exclusion relative to blasting, explosion, collapse of buildings, or damage to underground property.

The comprehensive general public liability and property damage coverage shall also protect the Contractor against all claims from damage to:

1. Private driveways, walks, shrubbery and plantings;
2. Public utility facilities; and
3. U.S Government monuments.

The liability limits shall not be less than:

Bodily Injury	\$ 500,000 each person \$1,000,000 each occurrence
Property Damage	\$ 250,000 each occurrence \$ 500,000 aggregate

The general public liability and property damage insurance shall carry an endorsement in form satisfactory to the City to the effect that the Contractor shall save harmless the City from any claims and damages whatsoever, including patent infringement. General public liability and property damage insurance shall be kept in force at all times during the course of the work until such time as the work covered by these Contract Documents has been completed and accepted by the City.

Comprehensive Motor Vehicle Liability and Property Damage Insurance that shall be written in comprehensive form and shall protect the Contractor against all claims for injuries to members of the public and damage to property of others arising from the use of motor vehicles, and shall cover operation on or off the site of all motor vehicles licensed for highway use, whether they are owned, non-owned, or hired.

The liability limits shall not be less than:

Bodily Injury	\$ 250,000 each person \$ 500,000 each occurrence
Property Damage	\$ 100,000 each occurrence

Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.  
Vendor Disclosure and Acknowledgement

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

(SIGNED) \_\_\_\_\_

(PRINTED NAME) \_\_\_\_\_

(BUSINESS NAME) \_\_\_\_\_

(DATE) \_\_\_\_\_

For further information, please see website:

[https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List\\_of\\_persons\\_pursuant\\_to\\_Tenn.\\_Code\\_Ann.\\_12-12-106,\\_Iran\\_Divestment\\_Act-July.pdf](https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106,_Iran_Divestment_Act-July.pdf)