

BID SOLICITATION



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

BID OPENING DATE AND TIME:
09/18/2008 2:00 PM
BID NUMBER: B0005457

BUYER: Hipp, Geoffrey
PHONE #: (423) 757 - 4758 ext.
DELIVERY REQUIRED: 09/18/2008 2:00 PM

M A I L I N G T O
City of Chattanooga
101 East 11th Street, Suite G13
Chattanooga TN 37402

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.

V E N D O R
TN

Item	Class-Item	Quantity	Unit	Unit Price	Total
	Requisition No.: R0112756 Ordering Dept.: Traffic Operations Buyer: Geoffrey Hipp 423-757-4758 ***** ITEMS TO BE PURCHASED: Aerial Bucket Truck ***** ATTACHMENTS: - Specifications - Affirmative Action Plan - Standard Terms and Conditions: (http://www.chattanooga.gov/Finance/66_StandardTermsandCondition or call for copy) ***** * *** BIDS MUST BE RECEIVED NO LATER THAN *** ***** 2:00 PM ON SEPTEMBER 18, 2008 ***** * ***** * PLEASE SUBMIT BIDS IN DUPLICATE * ALL FREIGHT CHARGES ARE INCLUDED IN BID PRICES UNLESS OTHERWISE NOTED. ***** NOTE: 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.				

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: _____

ELEPHONE NUMBER: _____

NAME AND TITLE: _____

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Item	Class-Item	Quantity	Unit	Unit Price	Total
	<p>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.</p> <p>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.</p> <p>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.</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>E-Mail 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>Women-Owned Business ___</p> <p>***** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****</p>				

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Item	Class-Item	Quantity	Unit	Unit Price	Total
1.0	070-53 Telescoping Aerial Device and Truck, per the attached specifications.	1.00	EA		
				TOTAL:	

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City of Chattanooga Specifications

Any Aerial Bucket Truck models equivalent to these specifications are encouraged to bid.

Telescopic Aerial and Body Price: \$ _____

Chassis:
 Ford: \$ _____

GMC: \$ _____

Dodge: \$ _____

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Comply Y/N</u>
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UNIT

- | | | | |
|----|---|--|--|
| 1. | 1 | <p>Telescoping aerial device with insulated pistol-Grip system at the boom tip, and continuous rotation, installed behind the cab.</p> <p>A. <u>Ground to Bottom of Platform Height:</u> 30.2 feet at 3.8 feet from centerline of rotation (9.2 m at 1.1 m)</p> <p>B. <u>Working Height</u> – 35.2 feet (10.7 m)</p> <p>C. <u>Maximum Reach to Edge of Platform:</u> 23.6 feet at 6.3 foot platform height (7.2 m at 1.9 m)</p> <p>D. <u>Pedestal:</u> Post type pedestal design with large service openings. 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 is machined after welding to provide a rigid, flat mounting surface for the rotation bearing. This extends the life of the bearing and reduces 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.</p> <p>F. <u>Turntable:</u> 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.</p> | |
|----|---|--|--|

Item	Qty.	Description	Comply Y/N
G.		<u>Lift Cylinders</u> : 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.	
H.		<u>Telescopic Boom</u> : 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.	
I.		<u>Telescopic Upper Boom Section</u> : Rectangular filament wound fiberglass, providing a minimum of 8.0 in (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	
J.		<u>Telescopic Boom Pivot Pin</u> : high strength chrome plated steel with self-lubricating, replaceable, non-metallic bearings.	
K.		<u>Telescopic Upper Boom Extension</u> : The upper boom section is extended and retracted by a double acting hydraulic cylinder installed within the booms. The boom extends and retracts over slide bearings located in the end of the lower boom section.	
L.		<u>Platform Leveling System</u> : The platform is leveled by hydraulic leveling means, contained within the upper boom and designed to maintain the dielectric integrity of the aerial device . Controls for leveling and tilting the platform are located at the platform. Leveling for the platform includes two double acting cylinders incorporating counterbalance load holding valves to lock the platform in the event of hydraulic line failure. Cylinders are located at the platform and at the end of the lower boom. The master-slave action of the cylinders maintains a level platform throughout the full range of boom articulation.	
M.		<u>Platform</u> : Totally enclosed, fiberglass.	

Item	Qty.	Description	Comply Y/N
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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.

- P. 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.
- Q. Hydraulic Tool Circuit: Control easily accessible to the operator activates the tool circuit which provides 5.0 gpm (18.9 lpm) at 2,000 psi (138 bar) One set of HTMA quick disconnect couplings is located in a protected location inside the control cover at the platform.
- R. Back-up Alarm, installed
- S. 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.
- T. ISO 9001: This aerial device is designed in a facility that is certified to meet ISO 9001 requirements.
- U. ANSI Category C, 46 kV and below dielectric rating
- V. Manuals: Two (2) Operator's and two (2) Maintenance/ Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device.
- W. 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

- 2. 1 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

Item	Qty.	Description	Comply Y/N
		<p>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.</p> <p>2. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls.</p> <p>3. Control Console: Non-tested non-metallic control console plate.</p> <p>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.</p>	
3.	1	Single, one-man platform with 180° Rotator – End-mounted, 24" x 30" x 42", platform is rated at 400 pounds. Platform rotates 180° about boom tip.	
4.	1	Reservoir, 15-gallon capacity, installed on the pedestal.	
5.	1	Engine start/stop, captive air, located at platform.	
6.	1	Mounting frame - post mount for straight frame application.	

UNIT AND HYDRAULIC ACCESSORIES

7.	1	Scuff pad for 24" x 30" platform.	
8.	1	Platform liner, 24" x 30" x 42".	
9.	1	Platform cover, 24" x 30", foam filled	
10.	1	Hydraulic oil, lubricants and filter installed.	
11.	1	Pump, vane type, mounted to Power Take-off on chassis transmission.	
12.	1	Cab controlled heavy-duty SAE power take-off, electric shift, installed with indicator light in cab, for automatic transmission.	

BODY

13.	1	<p>Body suitable for installing on any chassis with an approximate CA dimension of 84", built in accordance with the following specifications:</p> <p>A. <u>Body</u>: Fabricated from A60 grade 100% zinc alloy coated steel with the following minimum gauge thickness:</p> <p>16 gauge outside panels</p> <p>20 gauge door panels</p> <p>18 gauge shelving, spangled steel</p> <p>12 gauge steel floor, formed treadplate</p>	
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Item	Qty.	Description	Comply Y/N
B.		<u>Body Dimensions:</u> 132" overall body length 94" outside width 40" body height 18" compartment depth 58" floor width	
C.		<u>Compartmentation – Curbside:</u> <u>First Vertical</u> – (30") Two (2) adjustable shelves with five (5) removable dividers <u>Second Vertical</u> – (30") Two (2) adjustable shelves with removable dividers on 4" centers <u>Horizontal</u> – (54") One (1) removable shelf with eight (8) removable dividers <u>Rear Vertical</u> – (24") One (1) adjustable shelves with removable dividers on 4" centers	
D.		<u>Compartmentation – Streetside:</u> <u>First Vertical</u> – (30") Two (2) adjustable shelves with removable dividers on 4" centers <u>Second Vertical</u> – (24") Two (2) adjustable shelves with removable dividers on 4" centers <u>Horizontal</u> – (54") One (1) removable shelf with removable dividers on 8" centers <u>Rear Vertical</u> – (24") Open for platform storage	
		<u>Additional items:</u> <ul style="list-style-type: none"> ▪ Treadplate installed on top of streetside and curbside compartments. ▪ 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 per side of body, located at front of body. ▪ Dome style compartment lights with individual switches and master switch located in chassis cab. ▪ Inside of body compartments painted with speckled paint ▪ 5" drop in metal tailgate 	

BODY ACCESSORIES

14.	1	94" long x 29" wide x 8" tall treadplate tailshelf with two section treadplate bumper tapered for pintle hook, 10" wide. Tailshelf needs to be 29" long. Extension if necessary needs to extend off of tailshelf made of 2x2 inch tubing with expanded metal to protect platform while backing. Edge of guard shall have a rubber dock bumper.	
15.	2	Grab handle installed at curbside and streetside rear corners of tailshelf.	

Item	Qty.	Description	Comply Y/N
16.	2	Cable step installed at curbside and streetside rear corners of tailshelf.	
17.	1	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.	1	Boom storage to include ratchet strap type tie down.	
19.	1	Platform rest, rubber tube type. Installed directly on tailshelf , bolted and positioned under platform for support of platform during transit.	
20.	1	Torsion bar installed in conjunction with rear axle.	
21.	1	Torsion bar installed in conjunction with front axle.	
22.	1	Dimensions Inverter model number 3600 NPL, providing 3600 watts and 30 amps.	
23.	1	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.	
24.	2	Splash aprons (Mud flaps) installed behind rear tires. One each side of body.	

ELECTRICAL ACCESSORIES

25.	1	Lights and reflectors in accordance with FMVSS #108 lighting package. LED type. Four points strobe systems in front and rear marker lights.	
26.	2	Amber strobe light, installed on vertical posts on streetside and curbside behind cab, visible above cab roof, with master switch and indicator light in cab.	
27.	1	Vista X213F416-HD strobe light bar with a 670132 switch panel.	
28.	2	Post mounted spotlight installed on streetside and curbside of chassis cab door post.	
29.	1	97 Db back-up alarm installed between chassis frame rails. Back up alarm to activate when chassis is in reverse.	

FINAL ASSEMBLY

30.	1	Paint accessories one color white to match chassis cab.	
31.	1	Ten pound fire extinguisher with mounting bracket. Shipped loose in rear vertical curbside compartment.	
32.	1	Triangular reflector kit shipped loose behind bench seat in chassis cab.	

Item	Qty.	Description	Comply Y/N
33.	1	Fall Protection System to include one extra large body harness and six 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.	
34.	1	Steel wheel Chocks, pair, 10" L x 8" W x 5 ¼" H	
35.	1	Safety and Instructional signs installed per standards. To comply with all ANSI and OSHA standards.	

CHASSIS

36.	1	2008 Model Cab and Chassis Ford, Dodge and GMC 4x2 GVWR: 17,950 lbs. FGAWR: 7,000 lbs. RGAWR: 13,000 lbs. Wheelbase: 165" Cab-to-axle dimension: 84" Transmission: 5-speed automatic w/PTO provision Engine: Turbo diesel Exhaust type: Horizontal 12v power point on dash Tires: Mud and snow rear Fuel tank: 40 gallons Alternator: 130 Amp Brakes: Hydraulic Air conditioning Batteries: Dual Instrument package with Tach Heavy Duty cooling package Engine Cooler Bench Seat Intermittent wipers AM/FM stereo Cab steps- Running boards factory installed Cab access grab handles on driver and passenger side	
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WARRANTY

37.	1	One (1) year parts warranty	
38.	1	Ninety (90) days labor at customer's location	

Item	Qty.	Description	Comply Y/N
39.	1	One (1) year labor warranty at an service facility	
40.	1	For so long as the initial purchaser owns the product, Major components warranty at a service facility.	

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 that 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 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 all 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 paragraph 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 by the contractor and/or subcontractor shall be a breach of this contract.

(Signature of Contractor)

(Title and Name of Company)

(Date)