



# CITY OF HOUSTON

Administration & Regulatory Affairs Department  
Strategic Purchasing Division

**Annise D. Parker**

**Mayor**

Calvin D. Wells, Deputy Director  
City Purchasing Agent  
P.O. Box 1562  
Houston, Texas 77251-1562

<http://purchasing.houstontx.gov>

December 30, 2011

Subject: **Letter of Clarification No. 4,  
Light, Medium and Heavy – Duty Trucks for Various  
Departments**

Reference: **Invitation to Bid No.: S38-N24115**

To: **All Prospective Suppliers:**

This letter of Clarification is issued for the following reason:

1. Note that the online bid form has been revised.
2. The revised bid opening date of January 12, 2012 **has not** been changed.
3. Bid Item No. 2, Page 22 of 57, Specification Provision 3.3.6: Change to read "Minimum Inner Boom Extension will be 116 inches".
4. Bid Item No. 2, Page 22 of 57, Specification Provision 3.3.7: Change to read "The insulation gap must be a minimum of 42 inches when fully extended".

This clarification is hereby incorporated in this bid document and all bidders are directed to bid accordingly.

When issued, Letter(s) of Clarification shall automatically become a part of the bid documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Letter(s) of Clarification. It is the responsibility of the bidder to ensure that it has obtained all such letter(s). By submitting a bid on this project, bidder shall be deemed to have received all Letter(s) of Clarification and to have incorporated them into this bid.

If you should have any questions, or if further clarification is needed regarding this Invitation for Bid, please contact me.

Lena Farris

Procurement Specialist  
832-393-8729

lena.farris@houstontx.gov

Attachment: Page 22 of 57, Revised 12/30/2011

cc: Bid File

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## SECTION B PART II TECHNICAL SPECIFICATIONS: (Continued)

### ITEM NO. 2: CAB & CHASSIS MOUNTED WITH 29-FOOT AERIAL MANLIFT AND BODY: (Continued)

#### 3.0 AERIAL MANLIFT:

##### 3.1 General:

- 3.1.1 Referenced manufacturer is Versalift Model TEL29EIH (254.717.3523) or City-approved equal
- 3.1.2 Insulated telescopic / articulated aerial device with a minimum platform height of 29 feet
- 3.1.3 Horizontal reach shall be a minimum of 23.5 feet
- 3.1.4 Travel height shall not exceed 10 foot 6 inches
- 3.1.5 **DELETE**
- 3.1.6 Aerial Device to be mounted maximum of 12 inches behind the cab of the chassis to the front of the pedestal
- 3.1.7 **DELETE**
- 3.1.8 Minimum platform capacity of 350 pounds
- 3.1.9 The aerial device must be manufactured in an ISO 9001 Certified Facility

##### 3.2 Control System:

- 3.2.1 The upper controls shall be of a Unitrol single stick design. They will consist of positive links with no cables. A safety trigger on the underside of the Unitrol handle will not allow boom movement until it is depressed. An emergency stop control is also to be provided at the upper controls at the basket.
- 3.2.2 Individual full-pressure controls at the turret actuate all boom functions. This lower control station is equipped with a selector valve to override the upper controls in event of injury, rescue or equipment malfunction.
- 3.2.3 The hydraulic control valves are full pressure and full flow.
- 3.2.4 The start/stop system will be designed so that the aerial lift cannot be operated normally unless a power switch is activated and the truck ignition switch is the "on" position. This feature makes it difficult for unauthorized individuals to operate the aerial when the truck is locked or unattended. Start/Stop controls will be located in the basket for the operator and at the lower control station.
- 3.2.5 The aerial will have an emergency power system installed. It will consist of a hydraulic pump driven by a DC motor. This will be powered from the chassis battery system. It will be designed for non-continuous use only. These systems controls will be installed at both the basket and lower control stations. The DC motor/pump will be installed in the pedestal of the aerial device to protect it from damage and the elements.

##### 3.3 Outer/Inner Boom Assembly:

- 3.3.1 The outer/inner booms assembly consists of the outer boom, telescopic boom, extension system, and hydraulic hose assemblies. The hoses routed through outer/inner boom assembly are non-conductive and fully contained within the boom assembly.
- 3.3.2 The outer boom consists of an 7 inch X 9-inch steel section.
- 3.3.3 **DELETE**
- 3.3.4 The insulated rectangular inner boom is housed within the outer boom. The inner boom is easily removed and disassembled for service and/or inspection.
- 3.3.5 The extension system consists of a hydraulic cylinder, and two integral holding valves Ultra high molecular weight plastic slide pads mounted on the outer boom can be changed without the removal of the inner boom. The inner boom slide pads can also be changed through service port windows without the removal of the inner boom.
  - 3.3.6 Minimum Inner Boom Extension will be 116 inches.
  - 3.3.7 The insulation gap must be a minimum of 42 inches when fully extended.
- 3.3.8 The outer/inner boom assembly articulates from -14 degrees below horizontal to +74 degrees above horizontal. A rubberized boom support cradle and ratchet type tie-down are installed.
- 3.3.9 Actuated by a double acting hydraulic cylinder that has two integral holding valves, the outer/inner boom assembly is offset to one side to provide easy access to the platform.

##### 3.4 **DELETE:**