

## **Invitation to Bid**

Sealed bids will be received by the City of Auburn until 10:00 a.m. local time on Thursday, June 7, 2007, in the Office of the City Manager, 144 Tichenor Avenue, Auburn, Alabama, and then publicly opened and read for furnishing the following:

Three (3) Four Post Surface Mounted Lifts

Bid Specifications are attached. The City is requiring bid prices on Three (3) four post surface mounted lifts. Please direct any questions to Sandy Leonard (334) 501-3097. Bids must be submitted on the attached form within a sealed envelope addressed as follows:

Purchasing Officer, City of Auburn  
144 Tichenor Avenue, Suite 1  
Auburn, Alabama 36830

The envelope must be plainly marked on the outside as follows:

BID: Three (3) Four Post Surface Mounted Lifts  
OPENING: 10:00 A.M. Local Time  
DATE: Thursday, June 7, 2007

The City of Auburn reserve the right, as the best interest of the City may require, to award the purchase contract from any of the bids, to reject any or all bids, and to waive any informalities in bids received. Bids will be good for ninety (90) days after being opened by the City of Auburn, Alabama. The City reserves the right to revert to the State of Alabama Contract if the bid price is higher than the contracted amount through the State.

The successful bidder will note that the City pays by invoice on each Friday of the month. Invoices must be received by accounts payable at least seven working days before the scheduled check write. If you have any questions concerning billing, contact our accounts payable office at (334) 501-7237.

CITY OF AUBURN:

Karen S. Broome  
Purchasing Officer

CITY OF AUBURN  
AUBURN, ALABAMA  
MINIMUM BID SPECIFICATIONS  
Three (3) Four Post Surface Mounted Lifts

It is the intent of these specifications to describe three (3) Four Post Surface Mounted Lifts. These specifications describe and state minimum requirements of these items. Bids submitted on these items not meeting these minimum requirements will be subject to rejection.

The following are intended as guidelines. All equivalent or comparable units will be considered.

All bidders must fill in all spaces. Write “**YES**” if meeting or exceeding specifications and “**NO**” if exceptions are taken. Any exception taken must be explained in written detail on bidder’s letterhead and attached to the bid submitted. Bidders must attach a copy of the factory warranty.

<b>I. GENERAL</b>	<b><u>YES</u></b>	<b><u>NO</u></b>	<b><u>OFFERED</u></b>
<b>A. Runway</b>			
1. Each runway shell shall be manufactured of one piece steel have a thickness of not less than ¼ inch (6 mm).	_____	_____	_____
2. Cylinder connection is a clevis design which shall be manufactured from a steel bar of not less than 1” thickness. This clevis design allows the cylinder to rotate when the cables are slack putting less strain on the runway.	_____	_____	_____
3. The EL runway can accommodate vehicles with wheelbases up to 206”.	_____	_____	_____
4. The runways shall a formed track to accommodate an auxiliary jacking device which can be used to raise the vehicle off of the runway to perform wheel service.	_____	_____	_____
5. The runway surfaces shall be flat.	_____	_____	_____
6. The width of the runway top surface shall be no less than 20” wide.	_____	_____	_____
7. The runway top surface shall be painted with a non-skid surface paint.	_____	_____	_____
8. The runways shall provide holes to mount airline connections that may be used to operate auxiliary jacking devices and other pneumatic tools used during the servicing of vehicles.	_____	_____	_____

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		<u>YES</u>	<u>NO</u>	<u>OFFERED</u>
<b>B. Sheaves</b>				
1.	Each sheave shall be manufactured with a cable groove diameter of 8".	_____	_____	_____
2.	Each sheave shall be manufactured by a spinning process which hard works the cable groove to ensure durability of the cable groove.	_____	_____	_____
3.	Each sheave shall be supplied with maintenance free bearing.	_____	_____	_____
<b>C. Cylinder</b>				
1.	The left runway shall contain one 66" stroke pull-type cylinder.	_____	_____	_____
2.	The cable pullbar shall be constrained to the cylinder by a nut and a jam nut which is set with at a torque of 75 ft-lbs.	_____	_____	_____
3.	The rod diameter of the cylinder shall be not less than 1-3/8" with a cylinder bore of not less than 3.5".	_____	_____	_____
4.	Cylinder replacement can be achieved without disassembling the runways from the yokes.	_____	_____	_____
5.	The cylinder has been cycle tested to 20,000 cycles without leaking any hydraulic fluid.	_____	_____	_____
6.	The hydraulic cylinder shall be designed with a restrictor orifice to regulate the lowering speed so as not to exceed 20 feet per minute at rated capacity.	_____	_____	_____
<b>D. Cables</b>				
1.	The cables shall be made from 1/2" galvanized steel with a breaking strength of not less than 26,200 lbs.	_____	_____	_____
2.	The cables shall be made in a MacWhyte 7-Flex strand configuration or equivalent.	_____	_____	_____
3.	The cables shall be pre-stretched to prevent premature stretching and replacement of cables.	_____	_____	_____

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		<u>YES</u>	<u>NO</u>	<u>OFFERED</u>
4.	The cable ends shall be swaged to prevent failure.	_____	_____	_____
5.	One cable end shall be threaded to allow for cable adjustment.	_____	_____	_____
<b>E. Jacks</b>				
1.	Include two (2) pneumatic rolling jacks	_____	_____	_____
<b>II. YOKE ASSEMBLIES</b>				
<b>A. Yokes</b>				
1.	Each yoke tube shall be manufactured from High Strength Low Allow steel.	_____	_____	_____
2.	The yoke shall space the runways so that the runways are 43" apart.	_____	_____	_____
<b>B. Locking Latches</b>				
1.	Each yoke end shall contain a locking latch mechanism which automatically sets at 4-5/8" increments after the first 10" of travel, continuing through full rise. The locking latch shall be released by a pneumatic cylinder.	_____	_____	_____
2.	The latch system shall be of a "dead-man" type design and will automatically engage when released.	_____	_____	_____
<b>C. Slack Cable Device</b>				
1.	Each yoke end shall be equipped with a slack cable device which automatically engages the locks in the event of a slack (broken) cable event.	_____	_____	_____
2.	The maximum distance the yoke end can fall shall be 7" or 1 lock position.	_____	_____	_____
<b>D. Slider Blocks</b>				
1.	Each yoke end shall contain two slider blocks which locate the latchbar to the yoke end ensuring proper latch/latchbar engagement.	_____	_____	_____

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	<u>YES</u>	<u>NO</u>	<u>OFFERED</u>
<b>III. COLUMN ASSEMBLIES</b>			
<b>A. Columns</b>			
1. Columns shall be tall enough to allow the full rise of the lift.	_____	_____	_____
2. Columns shall contain means to attach the cable and shall contain a latch bar.	_____	_____	_____
3. Columns shall be leveled using supplied shims.	_____	_____	_____
4. The power unit shall be located at the left front column.	_____	_____	_____
5. A filter/regulator/lubricator shall be supplied to extend the life of the lift and air powered tools.	_____	_____	_____
<b>B. Latchbars</b>			
1. There shall be no less than 13 locking positions per assembly.	_____	_____	_____
2. The latchbars shall be adjustable to ensure levelness of lift.	_____	_____	_____
<b>IV. POWER UNIT</b>			
<b>A.</b> The power unit shall be self contained with a 2 hp, 208V-230V single phase 60Hz motor	_____	_____	_____
<b>B.</b> Controls shall be a “deadman” type push button “up” and two lower levers, one to release the hydraulic pressure and one to release the locks, for descent.	_____	_____	_____
<b>C.</b> Requires 20 amp service.	_____	_____	_____

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**YES   NO   OFFERED**

**V.     WARRANTY**

**A.** Contractor/manufacturer/installer has responsibility for an extended Corrective Period for work of this section for the period stated from date of substantial completion against all the conditions indicated below

- |    |                          |       |       |       |
|----|--------------------------|-------|-------|-------|
| 1. | One year parts and labor | _____ | _____ | _____ |
| 2. | Two year parts           | _____ | _____ | _____ |

**B.** Optional

- |    |                       |       |       |       |
|----|-----------------------|-------|-------|-------|
| 1. | 5 year parts warranty | _____ | _____ | _____ |
|----|-----------------------|-------|-------|-------|
- This item shall be priced separate from base price.**

**C.** Contractor/manufacturer/installer shall promptly and without cost to City correct said deficiencies

- |    |  |       |       |       |
|----|--|-------|-------|-------|
| 1. | Failure due to defective materials and workmanship | _____ | _____ | _____ |
|----|--|-------|-------|-------|

**IV.     QUALITY ASSURANCE**

**A.** Installer Qualifications:

- |    |   |       |       |       |
|----|---|-------|-------|-------|
| 1. | Factory trained authorized company                          | _____ | _____ | _____ |
| 2. | Company insured for completed operations of installing lift | _____ | _____ | _____ |

**B.** Lift Manufacturer shall be ISO9001 certified. \_\_\_\_\_

**C.** Lift shall be 3<sup>rd</sup> party certified by ETL testing laboratory and labeled with the ETL/Automotive Lift Institute (ALI) label that affirms the lifts conformance to all applicable provisions of American National Standard ANSI/ALI ALCTV-1998 \_\_\_\_\_

**VI.     OTHER GENERAL SPECIFICATIONS**

- A.** Standard equipment not mentioned is to be included
- B.** Successful bidder must be capable of performing warranty work in his maintenance facility.
- C.** Automotive lifts complete with safety equipment, controls and accessories.

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- D.** Basic Mechanical Materials and Methods:  
Hydraulic lines, fittings, and related accessories.
- E.** Basic Electrical Materials and Methods:  
Service, circuiting, wiring, and connections for power and controls.
- F.** Items other than new unless, specified, will not meet specifications.
- G.** Include one copy of manuals;
  - 1. Preparation instructions and recommendations
  - 2. Storage and handling requirements and recommendations
  - 3. Installation manual
  - 4. Operations manual
  - 5. Maintenance manual
  - 6. Safety manual
- H.** Price includes parts, delivery and installation

**V. DELIVERY**

Unit to be delivered to the following address:  
356 North Donahue Drive, Auburn Alabama

Bid price will F.O.B.

**The City must be sent a copy of the confirmation order within 24 hours after receipt of order.**

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We, the undersigned, propose to furnish the item listed below and guarantee that if we are awarded the bid, we will furnish these goods in accordance with the attached specifications.  
**THIS FORM MAY BE COPIED IF YOU WISH TO BID ALTERNATE MODEL EQUIPMENT.**

**YOU MUST SPECIFY THE EXACT ITEM**  
(Enclose brochures/description documents if needed.)

Make bid: \_\_\_\_\_

Model bid: \_\_\_\_\_

Optional 5 Yr. Warranty bid: \_\_\_\_\_

Estimated delivery date: \_\_\_\_\_

Exceptions: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**BID PRICE IS GUARANTEED FOR NINETY (90) DAYS AFTER BEING OPENED BY THE CITY OF AUBURN.**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Printed Name of Signee

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Email (optional)

\_\_\_\_\_  
Telephone/Fax No.

NOTE: It is possible that this equipment will be on a lease purchase plan through our own financial source and it will be in their name until such time as the lease is paid off.