Request for Quotations
Tyler Mountain Volunteer Fire Department

Re: Vehicle Stabilization Struts for the Tyler Mountain Volunteer Fire Department

Date: November 22, 2010

Fiscal Year: 2010-2011

Bid Opening: **Bids must be received on or before Monday, December 6, 2010, at 7:00 p.m. at the Tyler Mountain Volunteer Fire Department, 5380 Big Tyler Road, Cross Lanes, West Virginia (P.O. Box 7537, Cross Lanes, WV 25356)**

INSTRUCTIONS TO BIDDERS:

***PLEASE USE THIS FORM AS THE COVER SHEET FOR YOUR BID**

1. **Bids must be received in a sealed envelope with the date and time of the bid opening on the outside of the envelope. Faxed bids will not be accepted.**
2. Bid must be F.O.B. Delivery Point, unless otherwise indicated in proposal.
3. All bids should be signed and in ink, showing all facts and the total amount of the bid.
4. The Tyler Mountain Volunteer Fire Department reserves the right to accept or reject in part or in whole any bid submitted, whichever is in the best interest of Tyler Mountain Volunteer Fire Department.

Item No.	Description	Amount
1	Vehicle Stabilization Struts for the Tyler Mountain VFD per the Attached Specifications	$_____

Vendor Name: _____ Signature: _____

Address: _____ Date: _____

_____ Telephone: _____

ATTENTION VENDORS

Have you registered for the Kanawha County Commission Automatic Vendor E-Mail Notification System for bid specifications? Register by visiting our website @ www.kanawhacounty.com/purchasing/alerts .

SPECIFICATIONS

Tyler Mountain Volunteer Department
5380 Big Tyler Road
P.O. Box 7537
Cross Lanes, WV 25356
304-776-7963

ITEM: Vehicle Stabilization Struts for the Tyler Mountain Volunteer Fire Department

LOCATION: Tyler Mountain Volunteer Fire Department
5380 Big Tyler Road
P.O. Box 7537
Cross Lanes, WV 25356

CONTACT: David Martin, Chief
Tyler Mountain Volunteer Fire Department
5380 Big Tyler Road
P.O. Box 7537
Cross Lanes, WV 25356
(304) 776-7963

BID OPENING: Bids must be received in a sealed envelope, with the date and time of the bid opening on the outside of the envelope, on or before Monday, December 6, 2010, at 7:00 p.m., at the Tyler Mountain Volunteer Fire Department, 5380 Big Tyler Road, Cross Lanes, West Virginia. Please mail bids to Tyler Mountain Volunteer Fire Department at P.O. Box 7537, Cross Lanes, WV 25356. *Faxed bids will not be accepted.*

SPECIFICATIONS: The following specifications are intended to vehicle stabilization struts for the Tyler Mountain Volunteer Fire Department and the details contained in these specifications are not designed to exclude any vendor from bidding, but are offered as a means of describing the needs of the Tyler Mountain Volunteer Fire Department. Where brand names may be used, the words "or equal" are assumed to follow. All specifications are minimum requirements.

The Tyler Mountain Volunteer Fire Department reserves the right to reject any and/or all bids and to waive any informality in bidding. Upon opening, all bid documents become public record.

Specifications for Vehicle Stabilization Struts

2 Car Deluxe Vehicle Stabilization Package that shall include the following:
(6) Aluminum Struts with Jack Attachment Pocket
(6) Add-On Jacks

Each Aluminum X Strut is an adjustable stand with a Jack Attachment Pocket incorporated on each Strut. This allows for easy attachment of the Add-On Sidewind Jack to convert the stand from a shoring strut to a lifting strut. The Strut will have an on-board pre-attached ratchet strap. The ratchet strap will be 8' in length, and have a double wire hook attached to the end. The ratchet strap will have a Working Load Limit of 3,300 lbs, and breaking strength of 10,000 lbs Total length of the strut collapsed will be 56", and total length extended will be 96". A CRG end fitting will be attached to the end of the strut which has a channel, peg, and chain grab for easy attachment to vehicles or other objects. Other optional attachments such as an L Brackets for shoring, or a tripod head for confined space can also be attached to the head of each strut.

The 2 Car Deluxe Package will also include the following:
(4) Sling 8: a 4' chain with 8" J, Grabs, Mini J, T (Grade 70)
(4) Clusters: Cluster with Grabs, Mini J, T (Grade 70)
(3) 15' Ratchet Straps with Snap Hooks (2,000 lb working load)
(4) 15' Ratchet Straps with Double Wire Hooks (3300 lb working load)
(2) 27' Ratchet Strap with 3/8" chain ends
(4) Hybrid Wedges
(2) 3/8" X 16' grade 80 chain with grab ends
(4) 1" diameter Pickets with collars- 4 feet long
(4) 1" diameter Pickets with collars - 18" long
(4) Steel Load Pads to fit XSTRUT base

The following are detailed product specifications for the Aluminum Strut, with the add-on Jack:

1. **Equipment selection shall allow use of chain as a vehicle purchase point along with application of Res-Q-Jack™ roof resting techniques as described in US PATENT #6,772,984. Unauthorized application of techniques, teaching of techniques, illustration of techniques, or sale of equipment for techniques will be restricted to fire departments, manufacturers, dealers, distributors or any others having permission or license granted by Res-Q-Jack, Inc.**

2. **Minimum size of extension tubing section shall be 3 inches square with 3/16" wall thickness for outer tube and a minimum size for extension tubing for the inner tube of 2.5" square with a wall thickness of ¼". The outer tube will have a Jack pocket welded on it for the use of an ADD on JACK. The outer tube will also have a ratchet strap attached to it with an 8' long strap with a minimum working load of 3,300 pounds.**

3. **ALX ADD-ON Jack Specifications:**
   Side-wind mechanical crank jack: Clockwise motion extends, counter-clockwise motion retracts. Jack is to be used in compression only. Jack travel is 12". Jack travels approximately 1/8" per revolution. Jack is self-holding at any position under any allowable load. Lifting capacity is 6,000 lbs.
   Sidewind jack shall have an internal positive stop collar to prevent over-extension. WLL of jack shall allow for a minimum 2 to 1 safety factor.

4. **ALX ADD-ON Jack can be used without the need for pinning it on the strut.**

5. **Pins shall have a minimum tensile strength of 120,000 psi and be 13/16" in diameter. Alternately, connecting pins**

may be heat treated to a grade 8 spec. and coated Florence orange. The pins will have a cone handle on them for ease of use. One of the pins will be used for lifting.

6. Stand bases shall have a master link connected at front and back to allow for 1" stake, 3/8" chain (grab connection, or pass through), or other auxiliary restraint attachment.

7. Stand base bottom shall be 1/4" thick steel diamond plate. Base bottom shall be 5.5" wide by 7.5" long.

8. Strut base shall lay flat (no bends) to allow positive non-slip engagement in auxiliary load spreading pad.

9. End fitting design shall allow for snug fit in 2.5" tubing and base design shall allow for snug fit in 3" tubing.

10. Collapsed Height to be 56" and fully extended height to be 96"

11. The working Load limits will be: 10,000 lb @ 96" with a working load limit of 6,000 # while lifting or using the add on jack.