

# REQUEST FOR BIDS

## BATTERY-POWERED EXTRICATION EQUIPMENT AND ACCESSORIES

---



Three Rivers Fire Department

Chief Carl Holcomb

333 W. Michigan Avenue

Three Rivers, MI 49093

(269) 273-3755

**Table of Contents**

Bidding Information .....3

Performance Bids .....3

    I. Instructions.....3

    II. Conditions Applicable to Bids .....3

Specifications for Battery-Powered Extrication Equipment.....4

Bid Form .....6

## Bidding Information

### Performance Bids

The City of Three Rivers is committed to the concept of performance bids. All vendors are encouraged to submit bids which conform to the stated specifications, as well as, suggest deviations from the specifications, which in the vendor's opinion would be beneficial to the City in terms of price and performance. The City reserves the right to accept or reject any bid under these terms.

#### *I. Instructions*

- A. Bids must be typewritten or clearly printed in ink and signed by a duly-authorized representative of the firm submitting the quote.
- B. Bids must be submitted in sealed envelopes, clearly marked on the outside, "**Extrication Equipment**".
- C. Bids will be received by the Office of the City Clerk, City Hall, 333 West Michigan Avenue, Three Rivers, Michigan, 49093, until **2:00 p.m. local time, Monday August 22, 2016** all bids will be date stamped and time marked when received.
- D. Faxed or emailed bids shall not be accepted.**
- E. If you received this document from our website, you must e-mail your contact information to [cholcomb@threeriversmi.org](mailto:cholcomb@threeriversmi.org) so we can place you on the bidders list for addenda.

#### *II. Conditions Applicable to Bids*

- A. Applicable Laws: The Ordinances and Charter of the City and laws of the State of Michigan concerning competitive bidding, contracts and purchases will be employed.
- B. Taxes: The City of Three Rivers is generally exempt from Federal Excise and Michigan State Sales Tax. Prices should not include tax.
- C. If the bidder elects to deviate from the specifications stated, all exceptions or other changes must be clearly noted.
- D. The City reserves the right to reject any and all bids, waive informalities or defects in bids, or accept such bids as it shall deem to be in the best interest of the City of Three Rivers.
- E. The City does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.
- F. The Bidder shall provide a completed W-9 form with this bid.
- G. The City plans to award the equipment purchase at the **September 6, 2016 Commission** meeting.
- H. A guarantee delivery date for the shipper shall be noted on the bid on the space provided.
- I. If you have any further questions, please contact Fire Chief Carl Holcomb at (269) 278-3755 or e-mail inquiries to [cholcomb@threeriversmi.org](mailto:cholcomb@threeriversmi.org).

## **Specifications for Extrication Equipment**

### **General**

It is the intent of these specifications to describe as Battery-Powered Extrication Equipment including:

1. Prospective bidders shall supply pricing for battery-powered extrication equipment the total will include.  
(1) Cutter, (1) spreader, (1) ram, and 110V Shore Line for a total of 3 tools and one 110V Shore Line adapter.
2. Also included shall be a minimum of 6 Lithium/ion batteries, 3 battery chargers.
3. Bidder shall include a copy of Company product warranty.

The below listed specifications and instructions are in no way intended to eliminate any company, vendor, bidder or product from the bid process. It is the sole intent of these specifications and instructions to describe as Extrication Equipment that will be the best product available to the City of Three Rivers and its residents.

This specification shall describe each component of equipment request, or approved equal. Bidders must submit with their proposal, notating any deviations, complete specifications on the unit they propose to furnish.

### **Cutter**

1. Department requests a bid for a battery operated cutter with max working pressure of 10,500 PSI.
2. The tool is designed to be a hydraulically operated piston activating mechanical joints symmetrically to open or close a set of two opposite blade arms whereby cutting surfaces go on top of each other without making contact thus enabling objects to be cut.
3. Tools should not need to be connected to an external hydraulic source, generation of the required hydraulic pressure takes place within the body of the device by either a quick exchange lithium/ion battery or an external power supply.
4. The tool will be equipped with lights on the operating side to facilitate work under poor lighting conditions. For simplicity, the lights must be powered by the same Lithium-Ion battery that powers the tool and not a secondary battery.
5. The tool will have a max cut fore of 269,000 LBS.
6. The cutter will weigh no more than 50 LBS, including the weight of the battery.
7. The tool will operate with a non-proprietary battery source that is available for purchase without going directly to the tool manufacturer.
8. The tool shall have a minimum of two lithium/ion batteries, one battery charger.
9. The opening and closing positions are clearly marked.
10. The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.

### Spreader

1. Department requests a bid for a battery operated spreader with max working pressure of 10,500 PSI.
2. The tool is a designed hydraulically activated piston with two equal, opposite light metal alloy spreader arms that are symmetrically opened by mechanical joints, thereby spreading objects. Closing the spreader arms is also carried out hydraulically and mechanically by reverse order of the piston.
3. Tools should not need to be connected to an external hydraulic source, generation of the required hydraulic pressure takes place within the body of the device by either a quick exchange lithium/ion battery or an external power supply.
4. The tool is equipped with lights to facilitate work under poor lighting conditions. For simplicity, the lights must be powered by the same Lithium-Ion battery that powers the electro-hydraulic tool and not a secondary battery.
5. The tool shall produce a minimum spreading distance of 28 inches.
6. The tool shall produce a pulling force of 26,800 LBS.
7. The spreader will weigh no more than 45 LBS.
8. The tool will operate with a non-proprietary battery source that is available for purchase without going directly to the tool manufacturer.
9. The tool shall have a minimum of two lithium/ion batteries, one battery charger.

### Ram

1. Department requests a bid for a battery operated ram with max working pressure of 10,500 PSI.
2. The ram shall extend to a minimum distance of 40 in.
3. The extend piston and retract piston are clearly marked.
4. The tool will not weigh more than 45 lbs including the power supply.
5. Tools should not need to be connected to an external hydraulic source, generation of the required hydraulic pressure takes place within the body of the device by either a quick exchange lithium/ion battery or an external power supply.
6. The tool shall have a minimum of two lithium/ion batteries, and one battery charger.
7. The electro-hydraulic tool is equipped with lights to facilitate work under poor lighting conditions.

### 110V Shore Line

1. A 110V shore line to power the tool if batteries have been depleted.

**We reserve the right to increase or decrease the specified quantities listed to the best benefit of the City of Three Rivers.**

**Bid Form**

The undersigned having familiarized (himself/themselves) with the local conditions affecting the cost of the product and the Contract Documents hereby proposes to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete in a workmanlike manner all work required in accordance with the specifications as prepared by the Three Rivers Fire Department, City of Three Rivers, Michigan, for the following unit prices:

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

ITEM	QTY	DESCRIPTION	UNIT COST
1	(1)	Battery Operated Spreader, 10,500 PSI	\$ _____
2	(1)	Battery Operated Cutter, 10,500 PSI	\$ _____
3	(1)	Battery Operated Ram, 10,500 PSI	\$ _____
4	(1)	110V Shore Line	\$ _____
Subtotal Equipment			\$ _____
Shipping/Delivery			\$ _____
TOTAL COST			\$ _____

***Delivery***

Guaranteed delivery date \_\_\_\_\_

**Equipment shall be furnished fully serviced and assembled.**

***Warranty***

Provide information on the warranties covering **each piece of the extrication equipment** for materials and workmanship, cost of warranty is to be included in the bid price.

Distributor or representative shall provide the closest location to the City of Three Rivers for a parts and service facility.

Indicate location of service/parts facility \_\_\_\_\_