

**Harris Township, Ottawa County**  
Offices in the Harris-Elmore Fire & EMS Station  
321 Rice St., P.O. Box 341  
Elmore, Ohio 43416  
[www.harristownshipohio.com](http://www.harristownshipohio.com)

**Trustees:** Carol A. Baker  
Beverly Haar, Chairman  
Jerald A. Haar

**Fiscal Officer:** Laura Hazel

October 10, 2018

Bid Requestor: Harris Township  
321 Rice Street, PO Box 341  
Elmore, Ohio 43416

To All Interested Bidders:

Harris Township will receive sealed bids subject to the conditions contained herein until 4:00 pm, Monday, November 5, 2018. All bids received according to the specified conditions will be publicly opened and read at 6:30 pm, Monday, November 5, 2018, at the Harris-Elmore Fire Station, 321 Rice Street, Elmore, OH, 43416. The bids requested are for the proposed firefighting extrication tools in accordance with plans and specs as adopted by the Harris-Elmore Fire Department and detailed in these specifications.

The Specifications and Bid Documents contained in this document package are available via the Harris Township Website: <http://www.harristownshipohio.com/announcements.htm>

or via email by contacting Fire Chief, Jim Wilburn, at [jwilburn@harristownshipohio.com](mailto:jwilburn@harristownshipohio.com) to request a copy of the Specifications and Bid Documents.

Harris Township reserves the right to reject any and all proposals and to waive any technicalities.

Bids will be chosen based upon the best and most appropriate bid and not necessarily based upon the lowest bid.

By order of  
Laura Hazel  
Harris Township Fiscal Officer

**INSTRUCTIONS TO BIDDERS**

1. Each Proposal shall be legibly written or printed in ink on the Proposal provided in this bound copy of the proposed Contract Documents. No alterations in proposals, or in the printed forms therefore, by erasures, interpolations, or otherwise will be acceptable unless each such alteration is signed or initialed by the Bidder. If initialed, the bidder may be required to identify any alteration so initialed. No alteration in any proposal, or in the proposal form on which it is submitted, shall be made by any person after the Bidder has submitted the Proposal.

Any and all addenda to the Contract Documents, on which a proposal is based, properly signed by the Bidder shall accompany the Proposal when submitted.

Each Proposal submitted shall be enclosed in a sealed envelope, addressed to Harris Township Board of Trustees, Attn.: Fire Chief Jim Wilburn, Harris-Elmore Fire Department, 321 Rice Street, PO Box 341, Elmore, Oh 43416. The envelope must also show in the lower right corner the words "Harris-Elmore Fire Department; Extrication Tools". All envelopes will be received and filed with the Board of Harris Township Trustees by the above established cut-off date and time.

2. Each Bidder shall carefully examine the Specifications and other Contract Documents, shall fully inform him/herself of all conditions affecting the work or the cost thereof, and shall be presumed to have done so and their bid shall be based upon their own conclusions. Each Bidder shall inform themselves concerning all Federal, State, and local laws, ordinances, or regulations, which may in any manner affect their proposed operations of construction, or those engaged or employed on the work or the material or equipment. Should a Bidder find discrepancies in, or omissions from, the Specifications or other Contract Documents, he should at once notify the Fire Chief and obtain clarification or interpretation prior to submitting any bid. Any interpretation of the proposed Contract Documents will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person obtaining a set of such documents from the Fire Chief. The Harris Township Board of Trustees (herein known as The Board) and The Harris-Elmore Fire Department (herein known as HEFD) will not be responsible for any other explanations or interpretations of the proposed Contract Documents.
3. All sales and use taxes, as well as other taxes, that might lawfully be assessed against The Board in the execution and performance of the proposed contract and work covered thereby and are to be paid by the contractor from monies obtained in satisfaction of their contract. It is to be understood by all bidders that the bid price or prices submitted shall include the total cost of all such taxes.

4. No bidder may submit more than one proposal. Two proposals under different names will not be received from one firm or association.
5. No bidder may withdraw their proposal for a period of thirty (30) days after the date and hour set for the opening herewith. A bidder may withdraw their proposal at any time prior to the expiration of the period during which proposals may be submitted, by written request of the same person or persons who signed the proposal.
6. The Board reserves the right to accept the bid, which in its judgment is the lowest and best bid; to reject any or all bids; and to waive irregularities or informalities in any bids submitted. Bids received after the specified time of closing will be disposed of without review.
7. None of the Instructions to Bidders, Proposal, Contract Payment and Performance Bonds, Contract Agreement, General Conditions, Special Conditions, Specifications, and other documents shall be removed from the bound copy of the "Contract Documents" prior to filing the Proposal contained therein.
8. Each Bidder shall sign their proposal, using their usual signature, and giving their full business address. Bids by Partnerships shall be signed with the Partnership named, followed by the signature of one of the members of the Partnership or by an authorized representative and designation of the person signing. Bids by Corporations shall be signed with the name of the Corporation, followed by the signature and designation of the President, Secretary, or other person authorized to bind it in the matter. The names of all persons signing should also be typed or printed below the signature. A bid by a person who affixes to their signature the word "President", "Secretary", "Agent", or other designation, without disclosing their Principal, may be held to be the bid of the individual signing. When requested by The Board, satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.
9. Deviations to Specifications and Requirements When bidding on an "or equal," Bids must be accompanied with all descriptive information necessary for an evaluation of the proposed material or equipment such as the detailed drawings and specifications, certified operation and test data, and experience records. Failure of any bidder to furnish the data necessary to determine whether the product is equivalent, may be cause for rejection of the specific item(s) to which it pertains. All deviations from the specifications must be noted in detail by the bidder on the Affidavit of Compliance form, at the time of submittal of Bid. The absence of listed deviations at the time of submittal of the Bid will hold the bidder strictly accountable to the specifications as written. Any deviation from the specifications as written and accepted by The Board may be grounds for rejection of the material and/or equipment when delivered.
10. Irrevocable Offer Any Bid may be withdrawn up until the due date and time set for opening of the Invitation for Bid (IFB). Any Bid not so withdrawn shall, upon opening, constitute an irrevocable offer for a minimum period of 90 days to sell to The Board the goods or services set forth in the IFB, until one or more of the Bids have been duly accepted by The Board.
11. Delivery of said items shall be F.O.B. Destination.

**BID**

PROPOSAL OF \_\_\_\_\_  
 (herein known as Bidder) organized and existing under the laws of the State of \_\_\_\_\_  
 doing business as \_\_\_\_\_.

To the Harris Township Board of Trustees (herein known as The Board). In compliance with your Advertisement for Bids, Bidder hereby proposes to deliver products specified in strict accordance with the Contract Documents, within the time set forth therein, and at the prices stated below.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with another Bidder or with any competitor.

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	1	Battery Operated hydraulic spreader with a maximum opening of 24 inches and an NFPA lowest spreading force of a minimum of 9,000 pounds.  Unit shall include a total of Three (3) batteries.  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
2	1	Battery Operated Hydraulic Cutter with a minimum opening of 6.5 inches and minimum cutting force of 60,000 lbs.  Unit shall include a total of Three (3) batteries.  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
3	1	Battery operated Hydraulic Ram tool with minimum 40-inch extended length.  Unit shall include a total of Three (3) batteries.  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$

ITEM	QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
4	1	Battery operated Hydraulic Ram tool with minimum 40-inch extended length.  Unit shall include a total of Three (3) batteries.  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
5	1	Ram Head Kit, incl extensions, accessory heads, chain shackle, and carry case for all items within the kit. (Bid must list all items contained within kit as an addendum)  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
6	1	High pressure air bag kit including: three or more separate air bags of three different sizes. One control kit that will include three hoses, two in line relief/shut off valves, one high pressure regulator and one dual controller. All components must be in a carrying case.  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
7	1	Vehicle Stabilization Kit capable of stabilizing vehicles on their sides and tops. Minimum kit must incl two struts, two adjustable jacks, four extensions, necessary straps/ratchets, and carry case. (Bid must list all items contained within kit as an addendum)  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$
8	1	(OPTIONAL) Heavy Duty Vehicle Stabilization Kit rated and capable of stabilizing heavy vehicle and equipment. Preference given to heavy duty kits operating and functioning in similarity to or in combination with Vehicle Stabilization Kit. (Bid must list all items contained within kit as an addendum)  MFG: _____ Model #: _____ Delivery: _____ days after receipt of order.	\$	\$

**Extrication Tools**  
**Product Specification****I. Approvals/Compliance:**

1. All tools shall be approved and compliant with all requirements of the National Fire Protection Association's 2015 Edition of NFPA-1936 Standard on Powered Rescue Tools prior to production or shipment to end user (excluding stabilization tools).
2. All tools shall be approved and compliant with EN 13204 specifications regarding Powered Rescue Tools and Equipment (excluding stabilization tools).
3. The air lift bag shall conform to EN13731-2007.
4. Classification to Third Party Standards shall be performed by Underwriters Laboratories, Inc. or by a test laboratory recognized and accepted by the NFPA.
5. Bidders shall provide certifications of approvals and compliance as part of the bid package.

**II. Equipment Service and Warranty:**

1. Bidder shall provide written warranty on all equipment contained within this bid package.
2. Written warranty shall explicitly detail and cover all parts, labor, travel, and shipping for a specified amount of time no less than 36 months.
3. The bidder's warranty policy shall be included as part of the bid package and shall be a factor in the decision making.
4. The bidder shall be the fully authorized service center for all items contained on the bid.
  - a. The fully authorized service center shall be capable of handling all warranty and service claims.
  - b. The bidder shall include proof they are a fully authorized dealer and service center for all tools included in the bid.
  - c. The bidder shall commit to providing a response to all service calls within a 24-hour period.

- d. The bidder shall commit to providing loaner tools at no cost for out-of-service time periods during the warranty period.
  - e. The bidder shall commit to providing loaner tools at no cost for extended off-site service periods during the warranty period.
  - f. The bidder shall commit to providing a 24-month warranty extension beyond the first 36 months for any tool exceeding three service calls during the first 36 months.
5. The bidder shall provide a "manufacturer lifetime warranty" covering all defects in material and workmanship beyond normal wear and tear. The bidder shall provide warranty specifications, inclusions, and exceptions as part of bid package.

### **Specific Requirements:**

#### **Batteries**

1. All components contained in this bid package must use the same battery type, style, and model and allow external power supply.
  - a. Bids must specify battery amp-hour rating and time duration of charge for continuous operation.
  - b. Bids must specify approximate life-cycle of battery where one cycle equals one full charge.
  - c. Bids must specify battery 30-day loss of charge when not on the charger and not in use.
  - d. Bids must specify and confirm no bad effects to battery when left continuously on charger.
  - e. Bids must specify and confirm on/off shoreline and on/off generator does not reduce battery life.
  - f. Bids must specify battery charge time from dead battery to full charge.
  - g. Bids must specify external power supply for AC adapter, including power rating, connection type, amp draw, and any additional information bidder would like to include for comparison purposes.
2. All batteries must have charge level indicator.

3. All batteries must not develop memory or be capable of clearing memory.
4. All batteries must be interchangeable between tools.
5. All batteries must lock into place whether on tool or on charger.
6. Each tool/component must include one battery and two additional spare batteries for total of three complete batteries per tool/component.

### **Motor Housing**

1. All tools shall be equipped with an over-pressurization relief valve.
2. The motor housing must be fully enclosed with no vents.
3. The motor housing must not allow moisture to penetrate and effect electrical components.
4. The motor housing shall allow for rear placement of battery with no obstructions to read battery charge indicators and allow for quick interchange of batteries.

### **Electric Motor Technology**

1. All tools shall be equipped with brushless electric motor that drives the hydraulic pump mechanism.
2. Proof of brushless motor must be provided in the form of documentation from the manufacturer of the motor since it is not possible or practical to visually verify the use of such motor. Bids not including this documentation will be considered non-responsive and not included in the bid consideration.



**Tool Construction and Operating Tolerances**

1. All tools shall be made from high quality, shock resistant tool steel.
2. All tool blades, cutters, and tips shall be made from forged steel.
3. All bidders are encouraged to provide steel specifications as part of their bid package to provide accurate comparisons.
4. All tools and components must be rated to work in severe weather conditions with a "requested" minimum temperature range from -20 degrees Fahrenheit to 120 degrees Fahrenheit, to be weather resistant including rain, sleet, snow, and ice conditions, and to be shock resistant to withstanding a 4-foot drop. All bids should state acceptance or exclusion to this request; exclusions should state ratings.

**Air Lift Bag**

1. The air lift bag shall operate at a maximum pressure of 150 psi (10.3 bar) with a maximum lift capacity of 31.0 U.S. tons (28.1 metric tons).
2. The air lift bag shall have an insertion height of 3.5" (89.0mm) and a maximum inflated height of 26." (660mm).
3. The air lift bag shall have a maximum air capacity of 31.4 cu. ft. (888.3 ltr) and the weight not exceeding 60 lbs.
4. The air lift bag inflation time with an 80 cu. Ft., SCBA cylinder shall be 45 seconds or less.
5. The air lift bag shall include a remote lift base.
6. The air lift bag shall have a minimum burst pressure of four times operation pressure.
7. The air lift bag shall be constructed of neoprene rubber and embedded with a continuous weave of aramid for reinforcement. This material combination shall be chemical resistance.
8. The air lift bag shall have an outer cover that is smooth neoprene with centering stripes with the maximum tonnage shown on each stripe to help identify the air bag in low light situations. These stripes shall align with a centering "X" on the top end cap to identify the center of the bag during low insertion applications. The serial number shall be molded into the bag surface.

9. Both the top and bottom end caps shall be made of hard coat anodized aluminum with small molded raised neoprene dimples to improve grip on slippery surfaces.
10. The top end cap shall state the technical data, warnings, and a centering "X" permanently molded into the cap surface for ease of reference.
11. The two end caps shall have an integrated relief valve to protect from over pressurization.
12. The air inlet shall be made of brass and left hand threaded to receive a brass inflation nipple (the nipple shall be included). The nipple thread shall be coated with a dry seal material to provide a leak free threaded connection. A tethered nipple cap shall be included to avoid contamination inside the bag when not in use and assist in protecting the surface of the nipple.
13. A remote lifting base shall be integrated as part of the air lift bag to allow for placement away from the load and provide stability during the lifting process.
14. The remote lifting base shall include heavy duty wheels made from a non-marking plastic with plastic bushings, a removable telescoping handle assembly with locking quick disconnect mounted to the remote placement base.