



**NOTICE - CHARTER TOWNSHIP OF NORTHVILLE
REQUEST FOR PROPOSALS**

Cordless Battery Powered Rescue Tools

The Charter Township of Northville will receive sealed bids for **NORTHVILLE TOWNSHIP FIRE CORDLESS BATTERY POWERED RESCUE TOOLS** according to the specifications of the Charter Township of Northville.

Sealed proposals will be received until **3:00 P.M.** prevailing Eastern Standard Time, **Thursday, October 25, 2018** at which time bids will be opened and read. Proposals shall be addressed as follows and delivered to:

**CHARTER TOWNSHIP OF NORTHVILLE
TOWNSHIP CLERK'S OFFICE**
44405 Six Mile Road
Northville, MI 48168

All proposals must be signed by a legally authorized agent of the proposing firm.
ENVELOPES MUST BE PLAINLY MARKED

"NORTHVILLE TOWNSHIP FIRE CORDLESS BATTERY POWERED RESCUE TOOLS"

AND MUST BEAR THE NAME OF THE PROPOSER.

The Township reserves the right to accept any or all alternative proposals and award a contract to other than the lowest proposer, to waive any irregularities or informalities or both; to reject any or all proposals; to subdivide the award, and in general to make the award of the contract in any manner deemed by the Township, in its sole discretion, to be in the best interest of the Charter Township of Northville.



CHARTER TOWNSHIP OF NORTHVILLE

NORTHVILLE TOWNSHIP FIRE CORDLESS BATTERY POWERED RESCUE TOOLS

INSTRUCTIONS TO BIDDERS

This section is intended to provide interested vendors with sufficient information to enable them to prepare and submit proposals for consideration by the Charter Township of Northville

IMPORTANT DATES

RFP Issue Date	October 18, 2018
Last Date for Questions	Tuesday, October 23, 2018 by 4:00 pm Please submit all questions via email to: Brent Siegel, Fire Chief bsiegel@twp.northville.mi.us
Response Due Date	Wednesday, October 24, 2018 by 10:00 am

PROPOSAL SUBMITTALS

An **ORIGINAL and Three (3) copies** of each proposal must be submitted to the office of the Township Clerk. No other distribution of the proposals will be made by the Vendor. Bids must be signed by an official authorized to bind the Vendor to its provisions.

FAILURE TO SUBMIT PRICING ON THE PROPOSAL FORM PROVIDED BY THE CHARTER TOWNSHIP OF NORTHVILLE MAY CAUSE THE PROPOSAL TO BE CONSIDERED NON-RESPONSIVE AND INELIGIBLE FOR AWARD.

To be considered, sealed proposals must arrive at the location specified and date & time specified. There will be no exceptions to this requirement. The Charter Township of Northville shall not be held responsible for lost or misdirected proposals.

Vendors mailing proposals should allow ample time to ensure the timely delivery of their proposals. All proposals must be contained in sealed envelopes marked on the outside with the vendor's name and the name of the RFP. Proposals received after the closing date and time will not be accepted or considered. Telegraphic, facsimile, or telephone proposals are not acceptable.

Proposals must be clearly prepared and legible and must be signed by an Officer of the submitted Company on the enclosed form. **ANY CHANGES MADE ON THE PROPOSAL FORMS MUST BE INITIALED OR YOUR PROPOSAL MAY BE CONSIDERED NON-RESPONSIVE.**

It is understood that the Charter Township of Northville is a governmental unit, and as such, is exempt from the payment of all State and Federal taxes applying on all items and quotes contained within the proposal.

CHANGES TO THE RFP/ADDENDUM

Should any prospective Bidder be in doubt as to the true meaning of any portion of the Request For Proposal, or should the Bidder find any patent ambiguity, inconsistency, or omission therein, the Bidder shall make a written request (via email) for official interpretation or correction. Such request shall be submitted to the staff member indicated above. The individual making the request shall be held responsible for its prompt delivery.

Such interpretation or correction, as well as any additional Bid provisions that the Township may decide to include, will be made as an addendum. Any addendum issued by the Township shall become part of the ITB and subsequent contract and shall be taken into account by each bidder in preparing its bid. Only written addenda are binding. It is the Bidder's responsibility to be sure they have obtained all addenda. Receipt of all addenda must be acknowledged on bid form.

TYPE OF CONTRACT

If a contract is executed as a result of the bid, it stipulates a fixed price for products/ services.

TRANSFER OF CONTRACT/SUBCONTRACTING

The successful bidder will be prohibited from assigning, transferring, converting or otherwise disposing of the contract agreement to any other person, company or corporation without the expressed written consent of the Charter Township of Northville. Any subcontractor, so approved, shall be bound by the terms and conditions of the contract. The contractor shall be fully liable for all acts and omissions of its subcontractor(s) and shall indemnify the Charter Township of Northville for such acts or omissions.

CONTRACT TERMINATION

The Township may terminate and/or cancel this contract (or any part thereof) at any time during the term, any renewal, or any extension of this contract, upon thirty days (30) days written notice to the Contractor, for any reason, including convenience without incurring obligation or penalty of any kind. The effective date for termination or cancellation shall be clearly stated in the written notice.

CONTRACT AWARD

The contract that will be entered into will be that which is most advantageous to the Charter Township of Northville, prices and other factors considered. The Township reserves the right to accept any or all alternative proposals and award the contract to other than the lowest proposer, to waive any irregularities or informalities or both; to reject any or all bids; and in general to make the award of the contract in any manner deemed by the Township, in its sole discretion, to be in the best interest of the Charter Township of Northville.

SUBMISSION OF PROPOSALS

All proposals will remain valid for One Hundred and Twenty (120) days from due date and cannot be withdrawn during this period.

Failure to include in the proposal all information requested may be cause for rejection of the proposal.

ACCEPTANCE OF PROPOSAL CONTENT

Should a contract ensue, the contents of the proposal of the successful proposer may become contractual obligations. Failure of a Vendor to accept these obligations may result in cancellation of the award. It should be understood by the Vendor(s) that this means that the Township expects the Vendor(s) to satisfy all requirements listed herein. Any exceptions should be explicitly noted in the Vendor's proposal.

MATERIAL SUBMITTED

All documents, specifications, and correspondence submitted to the Charter Township of Northville become the property of the Charter Township of Northville and are subject to the disclosure under the provisions of Public Act No. 442 of 1976 known as the "Freedom of Information Act". This Act also provides for the complete disclosure of contracts and attachments hereto. This means that any informational material submitted as part of this RFP is available without redaction to any individual or organization upon request.

INCURRING COSTS

The Charter Township of Northville is not liable for any costs incurred by proposals prior to issuance of contract.

ECONOMY OF PREPARATION

Proposals should be prepared simply and economically, providing a straightforward and concise description of the Vendor's ability to meet the requirements of the RFP. Emphasis should be on completeness and clarity of content. Included in the response must be a point by point response to the Requirements and other sections of the RFP.

INDEPENDENT PRICE DETERMINATION

By submission of a proposal, the offeror certifies, and in case of a joint proposal, each party hereto certifies as to its own organization, that in connection with the proposal:

(a) The prices in the proposal have been arrived at independently without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other offeror or with any other Competitor; and

(b) No attempt has been made or will be made by the offeror to induce any other person or firm to submit or not submit a proposal for the purpose of restricting competition.

Each person signing the proposal certifies that:

(c) He is the person in the offeror's organization responsible within that organization for the decision as to prices being offered in the proposal and that he has not participated and will not participate in any action contrary to (a) and (b) above; or

(d) He is not the person in the offeror's organization responsible within that organization for the decision as to prices being offered in the proposal but that he has been authorized in writing to act as agent for the persons responsible for such decisions in verifying that such persons have not participated, and will not participate, in any action contrary to (a) and (b) above, and that as their agent, does hereby so certify; and that he has not participated, and will not participate in any action contrary to (a) and (b) above.

A proposal will not be considered for award if the sense of the statements required in the proposal has been altered so as to delete or modify the above.



CHARTER TOWNSHIP OF NORTHVILLE FIRE CORDLESS BATTERY POWERED RESCUE TOOLS

SPECIFICATIONS

The Township hereby solicits proposals to purchase cordless battery powered rescue tools that will be utilized by Fire Department personnel to facilitate the extrication of victims from entrapment. This request is for one (1) set of cordless battery powered rescue tools to include one (1) hydraulic cutter, one (1) hydraulic spreader, one (1) hydraulic ram, one (1) ram support tool, and one (1) ac/dc power supply converter.

Specifications for bid request for Cordless Battery Powered Rescue Tools

- A. General Requirement:
 - 1. Only cordless battery powered rescue tools that are NFPA 1936; 2015 edition certified will be considered.
 - 2. Only packages including cutters, spreaders, rams, ram support tools and ac/dc power supply converters will be considered.

- B. Specifications
 - 1. Hydraulic Cutter
 - a. 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.
 - b. The device does 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.
 - c. The hydraulic tool is equipped with light-emitting diodes attached 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 electro-hydraulic tool and not a secondary battery
 - d. The maximum cutter opening at the tips will be at least 8 in (204 mm).
 - e. The cutter will be of slightly curved blade geometry for pulling the debris away and to the center with intelligent cutter geometry reducing tool movement and providing maximum cutting performance.
 - f. The blades shall be made of dropped-forged steel and are regrindable. The blades of the tool should be attached to the piston rod via removable links for ease of repair, efficient power

transmission and smooth operation. The pivot points of the blades shall have a rubber boot and hand guard for safety purposes.

- g. The engineered curved blades with sophisticated geometry close at the tips and then pull the object to be cut towards the point where the maximum cutting force is applied to the relevant working range providing superior cutting performance and significantly reducing cutter wear.
- h. The cutting performance of the tool shall be able to cut up to 1.77 in (45 mm) diameter round stock steel.
- i. The tool shall have a check valve to prevent accidental movement of the blades in the event of power loss.
- j. The control mechanism shall feature an actuator for ease of operation by allowing 360 ° operations in any position. The mechanism shall be separate and independent from the handle to provide added control in close-quarter operation.
- k. The opening and closing positions are clearly marked.
- l. The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.
- m. The tool dimensions without the battery shall not be any longer than 39.8 (1010 mm), wider than 10.9 in (276 mm) or higher than 11.1 in (281 mm).
- n. The operating pressure to the tool will be 10,000 psi (70 MPa) .
- o. The tool shall be able to tolerate an ambient temperature range of -4°F (-20°C) up to +131°F (+55°C).
- p. The tool must be NFPA 1936; 2015 Edition certified and shall be labelled as such bearing the mark of the outside testing agency.
- q. Cutting classification should no less than A9 / B9 / C9 / D9 / E9 as defined in NFPA 1936; 2015 and certified by a 3rd party testing agency.
- r. The tool will not weigh more than 55.8 lbs (25.3 kg) excluding the power supply.

2. Hydraulic Spreader

- a. 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.
- b. Hydraulic tool does 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.
- c. The hydraulic 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.
- d. The spreader can produce a maximum spreading force of up to 147,924 lbf. (658 kN).
- e. The tool shall produce a maximum spreading distance of 28.7 in (730 mm).
- f. According to NFPA testing standards the HSF test point produced 16,186 lbf (72 kN), the LSF test point produced 11,016 lbf (49 kN).

- g. The tips are to be removable, multifunctional tips that can be used for spreading, squeezing and pulling without the need to be changed.
- h. The removable tips shall have machined, aggressive design for maximum performance and gripping capability.
- i. The tips shall be easily removed.
- j. The arms of the tool should be made of aluminium alloy and attach via removable links for ease of repair, efficient power transmission and smooth operation.
- k. The control mechanism shall feature a control actuator for ease of operation by allowing 360 ° operations in any position. The tool must provide a “dead man” actuator, whereby the unit stops functioning when pressure is released. The control actuator automatically returns to the central position, guaranteeing the full load-holding.
- l. The tool will be equipped with a check valve. This is to prevent accidental movement of the arms in the event of power loss.
- m. The tool shall be protected by a pressure relief valve that prevents it from being over pressurized.
- n. The tool dimensions without the battery shall not be any longer than 39.4 in (1002 mm), wider than 10.4 in (265 mm) or higher than 11 in (280 mm).
- o. The tool shall be able to tolerate an ambient temperature range of -4°F (-20°C) up to +131°F (+55°C).
- p. The tool must be NFPA 1936; 2015 Edition certified and shall be labelled as such bearing the mark of the testing agency.
- q. The tool shall have an IP protection class rating of IP54.
- r. The tool will not weigh more than 44.1 lbs (20 kg) excluding the power supply.

3. Hydraulic Ram

- a. Extension and retraction is carried out hydraulically.
- b. The ram is a multi-stage cylinder for applying pressure with varying pressure forces depending on the piston stage. The pressure force remains constant within one piston stage.
- c. The ram shall extend to a distance of up to 53 in (1347 mm).
- d. The tool shall include slip resistant claw feet on the piston side and on the cylinder side for durable gripping and minimizing slippage.
- e. The tool shall have a check valve to prevent accidental movement of the piston rod in the event of power loss.
- f. The control mechanism shall feature a control actuator for ease of operation by allowing 360° operation in any position. The mechanism shall be separate and independent from the handle to provide added control in close-quarter operation.
- g. The tool must provide a “dead man” actuator whereby the unit stops functioning when hand pressure is released.
- h. The extend piston and retract piston are clearly marked.
- i. The tool must be NFPA 1936; 2015 Edition certified and shall be labelled as such bearing the mark of the testing agency.
- j. The tool will not weigh more than 41.9 lbs (19 kg) excluding the power supply.
- k. Hydraulic devices do 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.

- l. The hydraulic tool is equipped with lights to facilitate work under poor lighting conditions.
 - m. The tool shall be able to tolerate an ambient temperature range of -4°F (-20°C) up to +131°F (+55°C).
4. Ram Support
- a. The ram support shall utilize adjustable settings.
 - b. The support shall provide secure gripping and support to the ram when applied to door sills.
 - c. The device shall support a maximum ram push capacity of 26,977 lbs (120 kN) and support a maximum vertical load of 13,488 lbs (60 kN).
5. AC/DC Power Supply Converter
- a. An AC/DC power converter that allows the tool to be used during battery failure.

In the event a bidder proposes an alternate product, the bidder shall demonstrate product equivalency to the satisfaction of this department. Evidence of equivalency shall be presented for each requirement of the above specifications and the burden of such equivalency is entirely on the vendor.

Any questions or requests for clarification of this RFP may be made to:

Fire Chief Brent Siegel
bsiegel@twp.northvile.mi.us



**CHARTER TOWNSHIP OF NORTHVILLE
GENERAL CONDITIONS**

CHARTER TOWNSHIP OF NORTHVILLE
GENERAL CONDITIONS

PREPARATION OF RFP

1. Proposers are expected to examine specifications and all instructions. Failure to do so will be at the proposer's risk.
2. The Charter Township of Northville is not liable for any costs incurred by proposers prior to issuance of an award/contract. Each proposer shall furnish all information required in the RFP. Any erasures or changes must be initialed by the person signing the proposal form. Corrections or modifications received after the closing time specified will not be accepted.
3. The Charter Township of Northville reserves the right to amend this RFP prior to the RFP opening date indicated. Only written addenda will be binding. If upon review, material errors in specifications are found, contact the Fire Department immediately, prior to the RFP opening date to allow for review and subsequent clarification on the part of the Charter Township of Northville.

SUBMISSION OF PROPOSALS

1. To be considered, each firm must submit a complete response. The proposal must be signed by an authorized agent of the proposing firm to bind the submitter to its provisions.
2. The required number of copies of the proposal shall be submitted in a sealed envelope and shall include the following information on the face of the envelope:

Proposer's Name

Address

Name of RFP: CORDLESS BATTERY POWERED RESCUE TOOLS

Failure to do so may result in a premature opening or failure to open such proposal. Proposers must use attached proposal form when included. Those which do not comply with these conditions are subject to rejection.

3. Should any prospective proposer be in doubt as to the true meaning of any portion of this RFP or should the prospective proposer find any patent ambiguity, inconsistency, or omission therein, the proposer shall make a written request for an official interpretation. Such request shall be submitted by the date listed in the "Instructions to Proposers" section.
4. Proposers are responsible for the timely receipt of their RFP. Delays in the mail will not be considered. Any proposal received after the stated deadline will not be considered or opened. Faxed proposals are not accepted.
5. A RFP may be withdrawn by giving written notice to the Township Clerk before the stated closing time. After the stated closing time, **RFP** may be withdrawn or canceled for a period of one hundred twenty (120) days after stated closing time.
6. The firm, by execution of the proposal, thereby declares that the proposal is made without collusion with any other person, firm, or corporation making any other proposal, or who otherwise would make a proposal.

DISCLOSURE

All information in the proposer's proposal is subject to disclosure under the provisions of Public Act No. 442 of 1976 known as the "Freedom of Information Act". This act also provides for the complete disclosure of contracts and attachments thereto.

CONSIDERATION OF PROPOSALS

1. In cases where items are requested by a manufacturer's name, trade name, catalog number or reference, it is understood that the proposer intends to furnish the item so identified or an item of "equal" quality and value as determined by the Charter Township of Northville.

Reference to any of the above is intended to be descriptive, but not restrictive, and only indicates articles that will be satisfactory. Proposals of "equal" quality and value will be considered, provided that the proposer states in his/her proposal what he/she proposed to furnish, including literature, or other descriptive matter which will clearly indicate the character of the item covered by such proposal.

2. The Township Clerk hereby reserves the right to approve as an "equal", any item proposed which contains minor or major variations from specification requirements, but which may comply substantially therewith.
3. Samples for testing may be requested by the Charter Township of Northville during proposal evaluation. Samples shall be free to the Township. Failure to

provide samples or demonstrations on a timely basis will be justification for proposal rejection.

4. All Charter Township of Northville purchases require a Material Safety Data Sheet, ("MSDS"), where applicable, in compliance with MIOSHA "Right to Know" law. The MSDS must include the following information:
 - A. The chemical name and the common name of the toxic substance.
 - B. The hazards or other risks in the use of the toxic substance, including:
 - 1) The potential for fire, explosion, corrosively, and reactivity;
 - 2) The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance; and
 - 3) The primary routes of entry and symptoms of overexposure.
 - C. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances, including appropriate emergency treatment in case of overexposure.
 - D. The emergency procedure for spills, fire, disposal, and first aid.
 - E. A description in lay terms of the known specific potential health risks posed by the toxic substance intended to alert any person reading this information.
 - F. The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

RFP AWARD

1. Upon receipt of materials, each proposal will be reviewed. Proposals may be reviewed with respect to, but not limited to, the following factors:
 - A. Unit Price - In case of mistakes in extension, the unit price shall govern.
 - B. Total Price
 - C. Delivery Time
 - D. Charter Township of Northville's evaluation of vendor's ability to perform
 - E. Vendor's past performance record
 - F. Charter Township of Northville's experience with products proposed
 - G. Results of testing samples (if requested)
 - H. Specific needs and requirements of the Charter Township of Northville
 - I. References
 - J. Training included with the purchase of the products

The departmental recommendation will be placed on the agenda for action by the Township Board.

2. The Charter Township of Northville reserves the right to award the proposal in its entirety or to subdivide the award according to the best interests of the Charter Township of Northville.

TERMS

1. All proposal prices will be based on F.O.B. (Charter Township of Northville) our location.
2. It is understood that the Charter Township of Northville is a governmental unit, and as such, is exempt from the payment of all Michigan State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The Township will furnish the successful proposer with tax exemption certificates when requested. The Township's tax-exempt number is 38-6006917.
3. Where applicable, a packing list shall accompany each shipment and shall include the following information:
 - A. Name and address of vendor
 - B. Name of requesting department
 - C. CHARTER TOWNSHIP OF NORTHVILLE PURCHASE ORDER NUMBER & DEPARTMENT CODE.
 - D. Description of material shipped, including item numbers, quantity, number of packages.
4. Invoices shall be sent directly to:

THE CHARTER TOWNSHIP OF NORTHVILLE
ATTN: FINANCE DEPARTMENT
44405 Six Mile Rd.
Northville, Michigan 48168-9670

5. Fund Out - The Charter Township of Northville shall be the final authority as to availability of funds and how such available funds are to be allotted and expended. In the event funds for this project/purchase are not made available or otherwise allocated; the Charter Township of Northville may terminate this contract upon thirty (30) days prior written notice to the contactor.
6. Non-Performance - If in the opinion of the Charter Township of Northville, the Vendor fails to perform after reasonable notice, or the Vendor willfully or negligently does not comply with specifications, requirements, terms and conditions of the contract, the Township reserves the right to cancel the contract by means of written notification.

CHECK LIST FOR PROPOSERS

All information required by the terms of the bid documents must be furnished.

MISTAKES OR OMISSIONS CAN RESULT IN THE REJECTION OF YOUR PROPOSAL.

Important items for you to check are included in, but not limited to, those listed below. This checklist is furnished only to assist you in submitting a proper proposal. Check as you read.

- _____ Is your proposal properly signed? (Refer to RFP documents)
- _____ Have you entered a unit price for each item, if required?
- _____ If required, have you entered the unit price or not-to-exceed lump sum price in both words and figures? (Unit price or lump sum price in words governs)
- _____ Are decimals in unit price in the proper places? Are your figures legible?
- _____ Is the outside of the envelope containing your proposal properly identified that it is a sealed proposal and does it contain the correct project name and RFP opening date?
- _____ If required, are references included?
- _____ Will your proposal arrive on time? Late proposals will not be considered. Proposals must be received by the Office of the Township Clerk before the time specified on the date specified.
- _____ Are any bid bonds or bid deposits, if required, included with your proposal?
- _____ Are all Addendums, if issued, acknowledged on your proposal?
- _____ Did you include an unbound complete original proposal (marked as "Original") plus the required number of copies of your proposal? Original version of your proposal may be clipped but not stapled, bound, or in a binder.

CHARTER TOWNSHIP OF NORTHVILLE
PROPOSAL FORM

Cordless Battery Powered Rescue Tools

We the undersigned as proposer propose to furnish to the Charter Township of Northville, according to the specifications, conditions and instructions attached hereto and made a part thereof:

A. Lump Sum (Not-to-Exceed) \$ _____
(A detailed break-down of cost is to be included within your proposal)

We acknowledge receipt of the following Addendums: _____
(Please indicate numbers)

Comments:

Company (Legal Registration) _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

Agent's name (printed) _____

Title: _____

E-mail: _____

Signature _____ Date _____