

Prairie Township Fire Department – Hose Specifications

NOTICE TO BIDDERS

Sealed bids will be received by Prairie Township Fire Department, 123 Inah Ave., Columbus, Ohio 43228, until 3:00pm., on Monday June 23, 2020, for Hose, Nozzles and Appliances compliant to the most current editions of NFPA 1961 & 1964

Bids received will be opened at 3:05pm on June 23, 2020 at the above address. The bids will reviewed and, if acceptable, the bid will be awarded at the next regular meeting of the Board of Trustees meeting on July 1st, 2020.

The Bidding Documents may be obtained at the Prairie Township Fire Department, 123 Inah Ave., Columbus, Ohio 43228 at no cost. A copy of the bid notice and bid forms can be also be emailed upon request. Please make requests for specifications to Chief Allen Scott at fire@prairietownship.org

Bids must be signed and submitted on the supplied bid form. The sealed envelope shall be marked “Hose, Nozzles and Appliances Bid.” Each bid shall contain the full name of the party or parties submitting the bid and all persons interested therein, as well as all documents. No bidder shall withdraw his or her bid after the actual opening thereof. Prairie Township reserves the right to reject any or all bids, waive irregularities in any bid, and to accept any bid that is deemed by Township to be in the best interest of the Township.

This notice is also posted and publicly available on the website of Prairie Township, Franklin County, Ohio located at <http://www.Prairietownship.com>. The notice will be found on the homepage of the township website.

Advertise on or about: May 26 2020.

Allen Scott
Fire Chief
Prairie Township
614-878-7100

INSTRUCTIONS TO BIDDERS

- Each Proposal shall be legibly written or printed in ink on the Proposal provided in this 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 township may require the bidder 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 the 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 the Fire Chief, Prairie Township identified on the outside with the words “Prairie Township – Hose, Nozzles, & Appliances”
- Each Bidder shall carefully examine the Specifications and other Contract Documents, shall visit the sites and fully inform himself of all conditions affecting the work or the cost thereof, and shall be presumed to have done

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so and his bid shall be based upon his own conclusions. Each Bidder shall inform himself concerning all Federal, State, and local laws, ordinances, or regulations, which may in any manner affect his 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 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.

- All sales and use taxes, as well as other taxes, that might lawfully be assessed against the Township 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 his 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.
- No bidder may submit more than one proposal. Two proposals under different names will not be received from one firm or association. A bidder may, however, submit a proposal for only portions of the equipment requested.
 - o For example, a vendor may elect to bid on the hose, but not the nozzles and appliances portion.
- A bidder may withdraw his 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.
- The Township reserves the right to accept the bid, which in its judgment is the 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 returned unopened.
- Each Bidder shall sign their proposal, using his usual signature, and giving his 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 his signature the word “President”, “Secretary”, “Agent”, or other designation, without disclosing his Principal, may be held to be the bid of the individual signing. When requested by the Township, satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.

Deviations to Specifications and Requirements:

- When bidding an “or equivalent” item, 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 exceptions 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 Township may be grounds for rejection of the material and/or equipment when delivered.

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Irrevocable Offer:

- Any Bid may be withdrawn up until the due date and time set for opening of the IFB. Any Bid not so withdrawn shall, upon opening, constitute an irrevocable offer for a period of 60 days to sell to the Township the goods or services set forth in the IFB, until one or more of the Bids have been duly accepted by the Township.

Shipment & Delivery:

- The Equipment shall be suitably prepared for motor freight transport. Shipment shall be delivered to:
 - o Prairie Township Fire Department, 123 Inah Ave., Columbus, Ohio 43228.
 - o Vendor agrees that all components ordered shall be delivered to the purchaser within 9 weeks of order notification to the vendor. Failure to deliver within 9 weeks (63 consecutive calendar days) shall result in the application of liquidated damages in the amount of one hundred dollars (\$100.00) per day.

Acceptance and Payment:

- The Fire Department shall accept the equipment once the fire department is satisfied that all portions of the agreement between the vendor and the fire department have been completed to the satisfaction of the fire department, and acceptance testing of the equipment is completed by a third-party vendor of the department's choosing as per the 2018 version of NFPA 1962. Once the fire department accepts the Equipment, full payment shall be made within normal payment processing constraints, generally no longer than 45 days.

Contract Award:

- The Purchaser reserves the right to reject any or all bids deemed by the Fire Department to be unresponsive. The final contract will be awarded to the lowest responsible bidder most closely meeting the departments attached specifications, based upon the criteria of the fire department. Bid award, if any, will be made within sixty (60) days of the bid opening. The purchaser also reserves the right to waive any informalities, irregularities and technicalities in procedure. The purchaser is not bound to accept the low bid. Bidders shall submit their standard purchase contract, if applicable, with bid proposal, for the review of the Fire Department. The contract shall identify this bid specification and instruction to bidders as a prevailing part of the agreement, excluding where specific exceptions are taken and documented. Pricing submitted shall be honored by the vendor for a period of 12 months, commencing upon bid opening.

Bid Pricing:

- Bidders must submit pricing per each item. Quantity price breaks, if any, should be listed in addition to price per each item. Bidders shall show pricing without sales tax added for ease of comparison.

Compliance:

- All fire hose specified will meet or exceed the 2020 version of NFPA 1961 – Standard on Fire Hose.

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Comply: _____ Exception: _____

- All Nozzles and Appliances specified will meet or exceed the 2018 version of NFPA 1964 – Standard for Spray Nozzles and Appliances

Comply: _____ Exception: _____

- The vendor shall be a factory authorized, factory direct dealer for the equipment being bid. The vendor shall have primary offices within a 90-mile radius of the fire department location for warranty service. The vendor shall provide a letter from the manufacturer of the hose they are bidding stating that the vendor is a factory authorized, factory direct dealer.

Comply: _____ Exception: _____

Specifications – Hose:

- Based upon performance requirements, construction quality, component material, extensive local testing, interoperability, and common regional training and operational procedures, the Fire Department has determined that Key Hose Brand meets the needs of the Fire Department. As such, the components as identified are based upon this manufacturer. Other manufacturers will be considered; however, vendors must provide documentation that the brand meets or exceeds the requirements set forth in this document.

Comply: _____ Exception: _____

- All hose will meet or exceed the 2020 version of NFPA 1961.

Comply: _____ Exception: _____

- Hose color will be determined at the time of order. The following colors will be made available at no additional charge: Clear Coat/White, Red, Yellow, Orange, Green, Blue, Tan, and Black.

Comply: _____ Exception: _____

- In addition to the requirements of NFPA 1961, each length of fire hose will be marked with “PRAIRIE FIRE” on each end of the hose in the same color, and style of lettering.

Comply: _____ Exception: _____

- Original hose manufacturer will guarantee the fire hose products to be free from defects in material and/or workmanship for a period of 10 years from the date of acceptance. Any item believed to contain a defect must be returned to the original hose manufacturer for examination and evaluation. If found to be defective as a result of manufacturing, the original hose manufacturer will repair or replace the defective product

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Comply: _____ Exception: _____

- All section of attack hose sizes 1.75” and 2.5” will be covered by an “All Hazards” warranty for the period of 1-year from the date of acceptance.

Comply: _____ Exception: _____

- Hose must be manufactured after the receipt of order. Stock hose is NOT ACCEPTABLE.

Comply: _____ Exception: _____

Fire hose shall comply with the following minimum specifications in addition to compliance with NFPA 1961.

Size	Length Per Section	Service Test	Proof Test	Burst Test	Coefficient of Flow	Bowl Size	Uncoupled Weight per section	Comply	Exception
1.75”	50 Ft.	500psi	1000 psi	1500 psi	6.59	2.25”	Less than 20 lbs.		
1.75”	100 Ft.								
2.5” (2.5” coupling)	50 Ft.	500 psi	1000 psi	1500 psi	4.13	2.4”	Less than 25 lbs.		
3” (2.5” coupling)	50 Ft.	400 psi	800 psi	1200 psi		3.5”	Less than 40 lbs.		
5”	100 Ft.	225 psi	450 psi	675 psi		5.25”	Less than 95 lbs.		

The following chart will describe the number of sections of each size of fire hose to be provided

Hose & Coupling Size	# of Section to be Provided	Preferred Model	Cost per Section	Total Cost
1.75” (50’ Sections)	81	Combat Ready		
1.75”(100’ Sections)	3	Rubber Hose		
2.5” (2.5” Coupling)	35	TRU-ID		
3” (2.5” Coupling)	27	ECO-10		
5” (100’ Sections)	35	Rubber Supply		
			Total Cost for all hose	

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Specifications - Nozzles:

- Based upon performance requirements, construction quality, component material, extensive local testing, interoperability, and common regional training and operational procedures, the Fire Department has determined that the Elkhart Chief XD model of nozzle best meets the needs of the Fire Department. As such, the nozzle components as identified are based upon this model line and manufacturer. The Shutoff shall include or consist of;
 - o a double drive, double stop forged metal bale handle,
 - o a full round aluminum ball valve sealed against two hydraulically balanced self-lubricating seats,
 - o a full time (free) swivel threaded inlet available for both 1.5” NST hose and 2.5” NST hose, allowing the nozzle to be rotated without breaking the hose connection,
 - o threaded outlet for attachment of nozzle tip as designated and as part of this bid, with a 1.5” NST thread,
 - o a design and characteristics intended to operate with both adjustable spray pattern fog nozzle tips, and solid stream smooth bore nozzle tips,
 - o a forged lightweight metal body,
 - o laser etching or other easily identifiable and permanent markings, (Bid to identify information marked or available for marking), and
 - o interchangeable, various color, bale handle inserts.
- Nozzle shutoffs shall be provided, designed, and constructed specifically and respectively for use on 1.75” NST hose lines, and 2.5” hose lines, taking advantage of the water flow and operational characteristics of each.
- The nozzle tips available for use shall be varied in size and flow, but equal in construction and operation as defined as follows, for both fog and solid bore design.
- Fog Tips shall consist of;
 - o a lightweight metal forged nozzle body,
 - o a single gallonage constant flow design, operating at 50 psi,
 - o user performed interchangeable stainless-steel spinning teeth or urethane fixed teeth,
 - o ergonomic bumper available in various colors, selectable at time of order by purchaser,
 - o no greater than half turn operation for infinite pattern selection from full fog to straight stream, with pattern adjustments guided by Acme threads,
 - o appropriate 1.5” NST threaded inlet for connection to Shutoffs designated and as part of this bid,
 - o field changeable stem heads, and
 - o laser etching or other easily identifiable and permanent markings, (Bid to identify information marked or available for marking).
- The Equipment shall be fully assembled in, and all components manufactured in, the United States of America or Canada. Components not constructed in the USA or Canada are to be listed as an Exception, in accordance with bid specification instructions. Incidental or minor components of unknown origin are to be identified as unknown origin.

Comply: _____ Exception: _____

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Identification:

- All Equipment and accessories shall be clearly identified with permanently affixed nameplates, tags, permanent labeling, or other industry standard means, stating the manufacturer, manufacture date, model, operating specifications, serial number, and country of manufacture, and additional information as customary for the Equipment. Other pertinent information is to be properly documented and submitted upon delivery.

Comply: _____ Exception: _____

Documentation & Instructions:

- One complete documentation package shall be delivered with Equipment containing information on operation, maintenance, troubleshooting, replacement, etc., unless otherwise agreed to by the purchaser at the time of order. A documentation package shall include, at a minimum, an Operator’s Instruction and Maintenance manual, warranty information and any start-up/warranty registration forms. The Operator’s Instruction and Maintenance Manual for the Equipment shall be as detailed as possible, outlining all operation and maintenance instructions. Warnings and safety precautions shall be identified clearly in the manual. Any and all Setup, Maintenance, and Operation Training available shall be identified within the bidder’s proposal. Any and all maintenance plans, licensing costs, ongoing fees, or other manufacturer recommended or mandated concerns shall be included and identified within the bidder’s proposal.

Comply: _____ Exception: _____

Testing & Warranty:

- All equipment shall be factory assembled, thoroughly tested and backed by a minimum of a one-year limited warranty covering parts, material, and workmanship. The warranty shall commence no earlier than the date of delivery.

Comply: _____ Exception: _____

The following chart will identify the various brand specific items to be bid

Item/Description	Quantity	Cost per Item	Total Cost
Shutoff, 1.5” XD Non-Pistol Grip (glow inserts)	8		
Tip, Chief XD 160 @ 50 (Luminescent Bumper)	4		
Tip, 188-XD, 7/8”, “Long Barrel”	4		
Shutoff, 2.5” XD Non-Pistol Grip (glow inserts)	1		
Tip, ST-185-XD-IFD	1		
		Subtotal for Brans Specific Items	

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Total bid price for Hose: _____

Total Bid Price for Brand Specific Items: _____

Total Bid Price for Non-Brand Specific Items: _____

Total Bid Price for ALL ITEMS BID: _____

Bidder Name: _____

Person Submitting Bid: _____

Signature: _____

Bidder Address: _____

Telephone Number: _____

Exceptions:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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