



Purchasing Division
100 City Hall, 411 W. 1st Street
Duluth, MN 55802-1189
TEL. 218-730-5340
purchasing@duluthmn.gov

CITY OF DULUTH INVITATION TO BID

2017 FIRE HYDRANTS

BID NUMBER: 17-0176

BID OPENING: THURSDAY, FEBRUARY 2, 2017 AT 2:00 PM

The City of Duluth is requesting sealed bids for fire hydrants for 2017. This bid is for Waterous hydrants only. Fire hydrants shall meet City of Duluth specifications as stated in the 2016 Construction Standards, section 2504.11 (attached).

Please review the General Bid Specifications prior to submitting your bid.

All bids must be written, signed, and transmitted in a sealed envelope, plainly marked with "17-0176 – FIRE HYDRANTS", and opening date. Bids must be received by the opening date and time in Purchasing, Room 100 City Hall, Duluth, MN 55802.

CITY OF DULUTH

Amanda Ashbach
Purchasing Agent



GENERAL BID SPECIFICATIONS

1. **General.** This document covers bids requested by the City of Duluth ("City"), including those requested on behalf of its Agents and Authorities. Each authority may issue their own purchase order or contract and will be responsible for it. The City of Duluth Authorities are as follows:
 - a. Duluth Airport Authority
 - b. Spirit Mountain Recreational Area Authority
 - c. Duluth Entertainment and Convention Center
 - d. Duluth Transit Authority
 - e. Duluth Economic Development Authority
 - f. Duluth Housing and Redevelopment Authority
2. **Investigation by Bidders.** Bidders are responsible for thoroughly reading and understanding the information, instructions, and specifications contained in this Invitation for Bids, and for investigating the site conditions at the Project location(s), if applicable. At the time of the opening of bids, each bidder will be presumed to have read and to be thoroughly familiar with the plans, specifications and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument, or document shall in no way relieve the bidder from any obligation in respect to their bid.
3. **Bidder Questions.** Responses to general questions regarding the Invitation for Bids may be made at the discretion of the City. Every request for such interpretation should be in writing and delivered via e-mail or postal mail to the Purchasing Division before the deadline indicated on the Invitation for Bids, or if no deadline is specified, at least five (5) days prior to the scheduled bid opening. Responses will be issued in writing in the form of an Addenda or e-mail to prospective bidders.
4. **Changes, Corrections & Withdrawal of Bids.** Erasures or other changes to the bid must be initialed and dated, however no special conditions shall be made or included in the bid form by the bidder.

Bidders may make requests to withdraw/replace their bids by notifying the Purchasing Division in writing prior to the bid opening date and time.
5. **Unit Pricing.** If the total bid price is based on unit pricing, the City will verify the extended bid price for each item (obtained by multiplying the unit bid price by the bid item quantity). If any item is incorrectly calculated, the City will use the unit bid price to recalculate the extended item price and the total bid price.
6. **Sales Tax.** Do not include sales tax in the unit price. A sales tax exemption certificate will be provided upon request.
7. **Bid Submission.** All bids must be complete, signed, and transmitted in a sealed envelope plainly marked with the bid number, subject matter, and opening date.

Bids may be mailed to the Purchasing Office, City Hall, 411 West 1st Street, Room 100, Duluth, MN 55802 or dropped off in person at the same address. Bids must be received by Purchasing before 2:00 PM local time on the date specified. Bids will not be accepted via e-mail unless specifically stated in the Invitation for Bids.
8. **Non-Collusion Clause.** By submitting a bid, the bidder, their agent and/or employee(s) hereby affirm that the attached bid or bids have been arrived at by the bidder independently and have been submitted without collusion with, and without agreement, understanding or planned common course of action with any other vendor of materials, supplies, equipment or services described in the Invitation for Bids, designed to limit independent bidding or competition.
9. **Award.** Award, if made, will be to the responsible bidder submitting the lowest bid which complies with the conditions of the Invitation for Bids and specifications. A bid summary will be posted on the City website immediately following the bid opening. Awards for construction services and parts /supplies over \$100,000 must be approved by City Council.
10. **Bidder Qualifications.** Per Sec 41.23(e) of Duluth City Code, price may not be the only consideration for award. The City will make such investigations as deemed necessary to determine the ability, capacity and skill of the bidder to perform the work and perform it in the time specified without delay or interference, the character, integrity, reputation, judgment, experience and efficiency of the bidder, the quality of the bidder's performance of previous contracts or services, and the sufficiency of the financial resources, equipment available and ability of the bidder to perform the contract. Bidders shall furnish to the City all such information and data for this purpose, when requested.
11. **Bid Opening.** The City Purchasing Agent or her designee will conduct a public bid opening in Room 100 immediately following receipt of the bids. Results will be posted online at <http://www.duluthmn.gov/purchasing/bids-request-for-proposals/> once all bids have been reviewed.
12. **Rejection of Bids.** The City of Duluth reserves the right to reject any and all bids and to waive any informalities or irregularities in bids received whenever such rejection or waiver is in its best interests.

The City reserves the right to reject any bid if the evidence obtained by the City through such investigation fails to satisfy the City that the bidder is properly qualified to carry out the obligations of the contract and to complete the work as required by the plans and specifications.
13. **Liquidated Damages for Failure to Enter into Contract.** The successful bidder, upon their failure or refusal to accept a purchase order or execute and deliver the contract, proof of insurance and bonds required within 10 days after receipt of a notice of the acceptance of their bid, shall forfeit to the City, as liquidated damages for such failure or refusal, the security deposited with their bid (if required).
14. **Equal Employment Opportunity.** Contractor will be required to comply with all applicable Equal Employment Opportunity (EEO) laws and regulations. Affirmative action must be taken to insure that the employees and applicants for employment are not discriminated against because of their race, color, creed, sex or national origin. The City of Duluth is an equal opportunity employer.
15. **Quantities.** The City reserves the right to increase or decrease the quantities of items within reason, unless otherwise noted.
16. **Prevailing Wages.** Per Sec 2-26 of Duluth City Code, payment of not less than the prevailing wage and salary rates specified in the contract documents and the conditions of employment with respect to certain categories and classifications of employees is required for all "Public Works" type projects estimated to exceed \$2,000. This does not apply to off-site production and manufacturing of parts and supplies.

The rates set forth under the General Conditions are the minimums to be paid during the life of the contract. It is therefore the responsibility of bidders to inform themselves as to local labor conditions, such as the length of work day and work week, overtime compensation, health and welfare contributions, labor supply, and prospective changes or adjustments of rates.
17. **Validity of Bids.** All bids must remain firm for 60 days from the date of bid opening, unless another period is noted in bid documents or if an extension is agreed upon, in writing prior to the end of the 60-day period.
18. **Insurance.** All vendors doing work on City property, except vendors making routine deliveries, shall submit an insurance certificate verifying insurance coverage as per current city requirements.

City of Duluth
2016 Standard Construction Specifications

The Standards can be found online here: http://www.duluthmn.gov/media/434837/2016-CONSTRUCTION-STANDARD_FINAL_BaseDoc-203pages_rev_01-13-2016.pdf

11. Fire Hydrants

Fire Hydrants shall be Waterous Pacer Traffic Model WB67-250 or Mueller Super Centurion 250 conforming to the requirements of AWWA C502 and the following supplemental requirements:

- a. Main Valve Opening – 5 1/4 inches nominal diameter.
- b. Bury Depth – 8 1/2 feet measured from the bottom of the branch pipe connection to the finished ground line at the hydrant.
- c. Upper Standpipe Length – 22 inches or 16 inches.
- d. Nozzles – One steamer connection, 4 1/2 inch (ID), City of Duluth Standard threads, 7 threads per inch and two hose nozzles, 2 1/2 inch (ID), with National Standard Fire Hose Coupling Screw Threads.
- e. Hydrant operating mechanisms shall be provided with Buna-N “O” ring seals preventing entrance of moisture and shall be lubricated through an opening in the operating nut or bonnet.
- f. The exterior of the hydrant base shall be supplied with an epoxy coating.
- g. Connection shall be a 6 inch mechanical joint with an anchoring tee, tapping tee or tee complete with gland, Cor-Ten or similar low corrosion type bolts, and harnessing lugs. 6 ounce zinc anode caps conforming to ASTM B-418 shall be installed on the bolts on all mechanical joint fittings.
- h. Operating and nozzle cap nuts shall be a pentagon, 1-1/2 inches point to face. Operating nut shall have an O-ring or seal ring to keep water and dirt from entering the bonnet. Opening shall be counterclockwise.
- i. Design of hydrant shall allow for removal of the main and waste valve seats without excavating or disturbing the ground.
- j. Portions of City owned hydrants above the ground line shall be primed and painted chrome yellow. Privately owned hydrants shall be primed and painted blue. Coating below the ground line shall be according to standards.
- k. A traffic flange and operating rod coupling shall be located not more than 2 inches above the ground line and be designed so that in the event of an accident or breaking of the hydrant above the ground line, the main valve will remain closed.
- l. Lower flange on the nozzle section shall be the swivel type.
- m. Hydrants shall be provided with an outlet for drainage in the base or barrel, or between the base and barrel, unless the Special Provisions require that drain outlets be omitted or plugged.
- n. All hydrant bolts and nuts below grade shall be 316 stainless steel.
- o. Mechanical joint bolts shall be as specified elsewhere in this section.

BID FORM
BID # 17-0176
2017 FIRE HYDRANTS

All quantities are estimates only. Pricing must be guaranteed through December 31, 2017.

The City intends to place one large order immediately after award, with possible subsequent smaller order(s) later in the year.

Pricing should include delivery to City of Duluth, Public Works & Utilities, 520 Garfield Ave, Duluth, MN 55802

EST 2017 QTY	UOM	Description	Price Delivered	Standard Lead Time
1	EA	6' WATEROUS PACER HYDRANT		
8	EA	7'6" WATEROUS PACER HYDRANT		
4	EA	8' WATEROUS PACER HYDRANT		
6	EA	8'6" WATEROUS PACER HYDRANT		
4	EA	9' WATEROUS PACER HYDRANT		
1	EA	9'6" WATEROUS PACER HYDRANT		
1	EA	10' WATEROUS PACER HYDRANT		

ACKNOWLEDGMENT OF ADDENDA

ADDENDUM # _____ INITIAL/DATE _____

ADDENDUM # _____ INITIAL/DATE _____

Signature _____ Date _____

Name/Title _____

Company Name _____

Address _____

City, State, Zip _____

Tel. _____ E-Mail _____

If your organization is certified as a Disadvantaged Business Enterprise, please check here: ☐