



**Request for Bids**  
**Water Department Stock**  
**Inventory**

**City of Portsmouth, New Hampshire**

**CITY OF PORTSMOUTH,  
NEW HAMPSHIRE**

**Public Works Department  
Bid#08-19**

**Water Department Stock Inventory**

**INVITATION TO BID**

Sealed bid proposals, plainly marked Bid 08-19 Water Department Stock Inventory, on the outside of the mailing envelope as well as the sealed bid envelope, addressed to the Finance/Purchasing Department, City Hall, 1 Junkins Avenue, Portsmouth, NH 03801, will be accepted until 2:15 p.m., November 14, 2018 at which time bids will be publicly opened and read aloud.

Bid specifications and the price proposal pages may be obtained from the City's website <http://www.cityofportsmouth.com/finance/purchasing.htm>, by contacting the Finance/Purchasing Department on the third floor at the above address, or by calling the Purchasing Coordinator at 603-610-7227.

Addenda to this bid document, if any, including written answers to questions, will be posted on the City of Portsmouth website at <http://www.cityofportsmouth.com/finance/purchasing.htm> under the project heading. Addenda and updates will NOT be sent directly to vendors. Questions may be addressed to the Purchasing Coordinator.

The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City.

If you have any questions please contact the Purchasing Coordinator at 603-610-7227.

**CITY OF PORTSMOUTH,  
NEW HAMPSHIRE**

**Instruction to Bidders  
Water Dept. Stock Inventory**

**1. Preparation of Bid Proposal**

***SPECIAL ATTENTION TO INSTRUCTIONS***

a) The City has provided with this bid document ***a separate price proposal form in an excel spreadsheet format.*** Bidder shall submit his/her proposal in hard copy and in electronic form. The electronic form of the price proposal may be submitted on a CD or a USB drive.

b) The bidder shall also complete an ***Acknowledgement Form*** which shall be submitted with the completed price proposal forms. The bidder's Acknowledgement Form must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture; by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his name and post office address must be shown, by a partnership the name and post office address of each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary and Treasurer.

c) The bidder is not required to submit a bid for each unit item listed. For those unit items on which bidder submits a price, bidder shall specify a unit price for each pay item for which a quantity is given and shall also show the products of the respective unit prices and quantities in the column provided for that purpose. All words and figures shall be typed.

**2. Irregular Proposals**

Bid proposals will be considered irregular and may be rejected for any of the following reasons:

a) If the proposal is on a form other than that furnished by the Owner, or if the form is altered.

b) If there are unauthorized additions, conditional or alternated bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.

c) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

d) If any pricing between the hard copy and electronic copy are inconsistent.

### **3. Delivery of Bid Proposals**

When sent by mail, the sealed proposal shall be addressed to the owner at the address and in the care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the invitation for bids. Proposals received after the time for opening of the bids will be returned to the bidder, unopened. Faxed bid proposal are **NOT** acceptable.

### **4. Withdrawal of Bid Proposals**

A bidder will be permitted to withdraw his proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposal.

### **5. Public Opening of Bid Proposals**

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

### **6. Disqualification of Bidders**

Any of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of his proposal or proposals:

1. More than one proposal for the same work from an individual, firm, or corporation under the same or different name;
2. Evidence of collusion among bidders;
3. Failure to submit all required information requested in the bid specifications;
4. Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contracts;
5. Default or unsatisfactory performance on previous contracts; or
6. Such disqualification would be in the best interests of the Owner.

## **AWARD**

### **1. Award**

Within 30 calendar days after the opening of proposals, if an award is to be made, awards will be made to the lowest responsible and qualified bidder for each item that complies with all the requirements prescribed. The successful bidder will be notified, by mail, that the bid has been accepted and awarded.

The award shall not be considered official until such time that a Purchase Order, fully executed contract or an award letter has been issued by the Finance Director. No presumption of award shall be made by the bidder until such documents are in hand. Verbal notification of award is not considered official. Any action by the bidder to assume otherwise is done so at his/her own risk and the City will not be held liable for any expense incurred by a bidder that has not received an official award.

### **2. Cancellation of Award**

The City reserves the right to cancel an award at any time before notification to the successful bidder without any liability against the City. The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City. The City reserves the right to cancel an award after notification if the Bidder, on more than one occasion, fails to fulfill the delivery requirements or if the products fail to perform or are otherwise lacking in quality. Should an award be cancelled, the City will award to the next lowest bidder if such bidder is prepared to commit to their bid price.

**CITY OF PORTSMOUTH,  
NEW HAMPSHIRE**

**General Requirements  
and  
Conditions of Award  
Water Department Stock Inventory**

It is the intent of this proposal to establish agreements to supply and deliver water stock inventory used in the water maintenance operations.

Any quantity specified is an estimate only. The City of Portsmouth will purchase just the quantities necessary, at various times, to perform the intended operations. Such purchased quantities may be equal to, less than, or greater than the estimates. **Prices are not to be based on minimum quantities or minimum truck loads.**

**Bid prices shall remain firm for a period of one (1) year from the date of contract award.** The City of Portsmouth reserves the right to negotiate an extension of the contract beyond the expiration date for a period not to exceed one (1) year.

Bid prices shall be FOB the Water/Sewer Maintenance Shop located at 680 Peverly Hill Road, Portsmouth, NH. **No added freight or handling charges will be allowed.** Delivery shall be made within ten (10) working days of order date. If vendor cannot meet the ten day delivery specification, notice must be made upon receiving order. Upon notice, the City shall have the right to fulfill its requirements with another vendor. City will have the right to terminate the bid award if vendor does not meet the ten day delivery specifications, if product is defective or deficient in quality.

Each item will be considered on a separate item basis. This proposal does not require any bidder to submit an "all-or-none" bid. Award and quantities ordered will also be contingent upon funding.

**CITY OF PORTSMOUTH,  
NEW HAMPSHIRE**

**Bid Specifications  
Water Stock  
Inventory Bid**

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| <p>1. Flushing Hydrants - Flushing hydrants shall be post hydrants with a 5 foot bury. All working parts shall be brass with hydrant main valve opening being 2 3/16 inch. Inlet connection shall be 2 inch iron pipe, with the outlet being any size up to 2 1/2 inch NST. The operating rod shall be non-turning, and all operating parts shall be removable from above ground with no special wrenches. The self-draining, non-freeze hydrant barrel will be made of 3 inch ductile iron pipe and shall have a cast iron top stock. Hydrant shall have locking cover and will be a traffic break-away. Kupferle Model #77 or approved equal.</p> | <p>3/4" x 5' Bury<br/>1" x 5' Bury<br/>2" x 5' Bury<br/>2 1/2" x 5' Bury</p>            |
| <p>2. Fire Hydrants - Fire hydrants shall be Kennedy K-81A Guardian with a 5 1/4 inch valve opening, regular lined, with shoe (or elbow). Hydrant drain shall be plugged. Joint at base of hydrant shall be a 6 inch restrained, mechanical joint. Opening direction specified at time of order. Operating nut shall be standing AWWA pentagon operating nut with 1 1/2 inch point to flat dimension. Two (2 1/2") and one (4 1/2") National Standard Hose thread nozzles.</p>  | <p>5 1/4" Opening<br/>with 5', 5 1/2',<br/>6' or 6 1/2' Bury</p>                        |
| <p>3. Fire Hydrant Inserts - Fire hydrant inserts shall be Kennedy K-81AW Guardian with a 4, 4 1/2, 5, or 5 1/4 inch valve opening, bronze lined. Hydrant drain shall be plugged. Joint at base of hydrant shall be a 6" restrained, mechanical joint. Opening direction shall be specified when ordered. Operating nut shall be standing AWWA pentagon operating nut with 1 1/2 inch point to flat dimension. Two (2 1/2") and one (4 1/2") National Standard Hose thread nozzles.</p>   | <p>4", 4 1/2", 5"<br/>and 5 1/4" Opening<br/>with 5', 5 1/2', 6' or<br/>6 1/2' Bury</p> |

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| 4. Hydrant Elbows - Ductile Iron, M.J. Epoxy coated. Elbows to fit Mathews & Kennedy K-81A.   | 6" for 4" Hydrant<br>6" for 4 1/2" Hydrant<br>6" for 5" Hydrant<br>6" for 5 1/4" Hydrant |
| 5. Hydrant Extension complete   | 6", 12", 18", 24"  |
| 6. Ground Frost Sleeves for use on hydrant bury (made of PVC).  | 5', 5 1/2', 6', 6 1/2'   |
| 7. Breakaway Kit for K-11 Kennedy Hydrant   | 5 1/4" Opening   |
| 8. Breakaway Kit for K-81A Kennedy Hydrant  | 5 1/4" Opening   |
| 9. Coupling for K-81A Breakaway complete w/pins & clips   | 5 1/4" Opening   |
| Coupling for K-11 Breakaway complete w/pins & clips   | 5 1/4" Opening   |
| 10. Sampling Station shall be 5 foot bury with a 3/4" FIP inlet, and a (3/4" hose or unthreaded) nozzle. All stations shall be enclosed in a lockable, non-removable, aluminum-cast housing. When opened, the station shall require no key for operation, and the water will flow in an all-brass waterway. All working parts will also be of brass and removable from above ground with no digging. A copper vent tube will enable each station to be pumped free of standing water to prevent freezing and to minimize bacteria growth. The exterior piping will be galvanized. | 3/4" x 5'  |
| 11. Tapping Gate Valves with bolts, gland, and gaskets, 2" square hub nut, open right and so indicated on hub nut, M.J.Valve body and bonnet shall be fusion bonded epoxy coated, inside and out at least 8 mil. thick. Stem shall be sealed by at least two "O" rings and non-rising type. One outlet shall be flange to fit standard same size tapping sleeve flange. All gate valves shall conform to A.W.W.A. Standard C-5509 (latest revision) for resilient sealed tapping gate valves.   | 4",6",8",10",12"   |
| 12. Gate Valves with bolts, megalug glands, and gaskets, 2" square hub nut, open right and indicated on the hub nut, M.J. Valve body and bonnet shall be fusion bonded epoxy coated, inside and out at least 8 mil. thick. Stem shall be sealed by at least two "O" rings and non-rising type. All gate valves shall conform to A.W.W.A. Standard C-509 (latest revision) for resilient sealed gates valves.  | 4",6",8",10",12"   |

13. Gate Boxes 6" complete with top, bottom, and cover. Valve boxes shall be cast iron, two piece sliding type with a top flange and a minimum inside shaft diameter of 5 1/4". Boxes shall have the word "water" clearly cast into the cover. Boxes to extend 36" to 60". Box base shall be belled. Cover shall be heavy 2" drop type, non-tilting and is recessed in the box top with pick holes for easy removal.
- 13a. Valve Box Adaptor II
- 13b. Gate Box Bottom extra long.
14. 1" Gate Box Risers for 6" Gate Box 5 1/4" opening, cast iron.
15. 2" and 3" Gate Box Riser for 6" Gate Box 5 1/4" opening, cast iron.
16. Gate Box Adaptors (5 1/4") adjustable adaptor range 2 1/2" to 12" cast iron. Mueller #H-10377 or 12" EJP Box top extension #45245 or equal.
- 16.1 Gate Box Adaptors (5 1/4") adjustable adaptor range 2 1/2" to 18" cast iron. Mueller #H-10377 or 18" EJP Box top extension #45245 or equal.
- 16.2 Complete Megalug Gland Kits, include megalug gland, gaskets, nuts and bolts. 4",6",8",10",12",14",16"
17. Cutting-In Sleeve complete with gasket, bolts, megalug glands. Clow or approved equal. "Must be compatible with cutting-in gate". 4",6",8",10",12"
18. Cutting-In Gate, non-rising stem, 2" operating nut, open right, "O" ring seal, M.J. ends, bolts, flange and rubbers. Clow or approved equal. "Must be compatible with cutting-in sleeve". 4",6",8",10",12"
19. 6 Plugs, Ductile Iron, Class 350, "Tyton" or push-in with set screws. 4",6",8",10",12"
20. Caps, M.J., solid with retaining flanges, Ductile Iron, complete with megalug glands, rubber gaskets, nuts and bolts. Shall be asphalt coated inside and out. 4",6",8",10",12"
21. Caps, M.J., with 2" I.P. Tap, Ductile Iron, complete with megalug glands, nuts and bolts. Shall be asphalt coated inside and out. 4",6",8",10",12"



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| 22.  | Reducer, Ductile Iron, M.J., Class 350 complete with megalug glands, rubber gaskets, bolts and nuts.  | 4", 6", 8", 10", 12"  |
| 23.  | Tapping Saddle, Double Strap, outlet CC (AWWA) threads, complete with gaskets, nuts and washers.  | 2", 4", 6", 8", 10", 12", 16", 20"  |
| 24.  | Tapping Saddle, Double Strap Outlet Iron Pipe (IP) Threads, complete with gaskets, nuts and washers.  | 2", 4", 6", 8", 10", 12", 16", 20"  |
| 25.  | Tapping Sleeves, Stainless Steel, complete with gland, rubbers, gaskets, nuts and bolts, gasket on flanged facing.  | 4", 6", 8", 10", 12", 16", 20", 24"   |
| 26.  | Tee, Ductile Iron, M.J., Class 350, complete with megalug glands, rubbers, gaskets, bolts and nuts.   | 4", 6", 8", 10", 12"  |
| 26a. | Solid Sleeves Ductile Iron complete with megalug glands, rubbers, gaskets, bolts and nuts.  | 4", 6", 8", 10", 12", 16"   |
| 27.  | Elbows, Ductile Iron, Cement Lined, Asphalt coated outside. Mechanical joint ends complete with bolts, megalug glands and gaskets. Must conform to latest A.W.W.A. standards. Rated for 350 psi.  | 4", 6", 8", 10", 12"  |
| 28.  | Pipe, Ductile Iron, Cement Lined, Class 52, "Tyton" or push-on joint, asphalt coated outside. Pipe shall meet or exceed all applicable A.W.W.A. standards (latest revision) All necessary rubber gaskets and fitting lubricants as required by manufacture shall be supplied with the pipe. | 4", 6", 8", 10", 12", 16", 20"  |
| 28a. | Poly Bags for Pipe  |   |
| 29.  | Brass Bushings, I.P. Inlet Thread x I.P. Outlet Thread.   | 1" x 3/4", 1 1/4" x 3/4",<br>1 1/4" x 1",<br>1 1/2" x 3/4", 1 1/2" x 1",<br>2" x 3/4", 2" x 1",<br>2" x 1 1/4", 2" x 1 1/2",<br>2 1/2" x 2" |
| 30.  | Copper Tubing, Type K, Soft   | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 31.  | Corporation, Brass, Ball Type. Tapered A.W.W.A. thread (CC) inlet with compression pack joint (PPJ) outlet.   | 3/4", 1", 1 1/4", 1 1/2", 2"  |

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| 32.  | Corporation, Ball Type, Brass.<br>Inlet Iron Pipe (I.P.) with compression<br>pack joint outlet(PPJ).  | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 33.  | Corporation Stop Coupling, Brass<br>Brass. Inlet Iron Pipe (I.P.) with<br>compression pack joint outlet (PPJ).  | 5/8"x3/4", 3/4"x3/4", 1"x1"<br>1" x 3/4", 1"x 1 1/4",<br>1"x1 1/2"            |
| 34.  | Curb Boxes complete with cover, counter<br>sunk bronze or brass pentagon plug.<br>Stainless steel 24" rods only. Boxes to<br>extend 4 1/2' to 5 1/2' for 3/4" x 1" curb<br>stops.                               |   |
| 35.  | Curb Box Covers   |   |
| 36.  | Buffalo Repair Lids 2 1/2" for old style<br>buffalo type curb boxes.  |   |
| 37.  | Curb box repair cover with countersunk bronze<br>or brass plug with set screw.  | 1"  |
| 38.  | Brass pentagon plug for curb box.   | 1"  |
| 39.  | Curb box foot piece with enlarged base, heavy duty, to<br>convert curb boxes to fit 1 1/2" to 2" curb stops.  |   |
| 40.  | Curb box riser with set screws<br>(service box extension).  | 3", 6", 12"   |
| 41.  | Curb Stop, Ball Valve, Brass,<br>with compression packed joint (PPJ) both ends.   | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 42.  | Curb Stop, Ball Valve, Brass,<br>with female iron pipe (F.I.P.) both ends.  | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 43.  | Curb Stop, Ball Valve, Brass,<br>with inlet female iron pipe (F.I.P.) and outlet<br>compression packed joint (P.P.J.).  | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 44.  | Female Adaptors . Brass<br>Inlet Compression packed joint<br>(PPJ) with outlet female iron pipe<br>(F.I.P.) which accepts copper tubing<br>on the PPJ end and male iron pipe thread on the female (F.I.P.) end. | 3/4", 1", 1 1/4", 1 1/2", 2"<br>by 3/4", 1", 1 1/4", 1 1/2",<br>2" and 2 1/2" |
| 44a  | Female Adaptors Brass<br>Inlet compression packed joint PPJ x PPJ   | 3/4" by 1"  |
| 45.  | Elbows, brass, I.P. thread.   | 3/4", 1", 1 1/4", 1 1/2", 2"  |
| 45a) | Elbows,brass PPJ x PPJ  | 1", 1/2", 2"  |
| 46.  | Male adaptors, brass. Inlet<br>male iron pipe (I.P.) outlet<br>compression packed joint (P.P.J.).   | 3/4", 1", 1 1/4", 1 1/2", 2"  |

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| 47. Nipples, Brass, threaded both ends.  | 3/4", 1", 1 1/4", 1 1/2", 2",<br>2 1/2" by 2", 4" and 6"   |
| 48. Nipples, close, brass, threaded both ends.   | 3/4", 1", 1 1/4", 1 1/2", 2"   |
| 49. Plug, brass, tapered, Corporation CC thread.   | 3/4", 1", 1 1/4", 1 1/2", 2"   |
| 50. Plug, brass, IP thread   | 3/4", 1", 1 1/4", 1 1/2", 2"   |
| 51. Coupling, reducer, brass. Both ends female iron pipe (F.I.P.).   | 1", 1 1/4", 1 1/2", 2"x 3/4"<br>1 1/4", 1 1/2", 2"x 1", 1 1/2",<br>2"x 1 1/4", 2"x1 1/2"   |
| 52. Cast Coupling, 2 bolt style shall be Rockwell brand type 411 or approved equal. Couplings shall be provided with all necessary glands, rubber gaskets, nuts and bolts. | 3/4", 1", 1 1/4", 1 1/2", 2"<br>Body Length - 6"   |
| 52a. Hymax Coupling, 1.5 OD TO 24" OD. All couplings and all Transition Couplings.   | 1.5", 2", 3", 4", 5", 6", 7", 8", 10",<br>10" o.s., 12", 12" o.s., 14", 14" o.s.,<br>16", 18", 20", 24"  |
| 53. Cast Coupling, 4 bolt style, shall be Rockwell brand 441 or approved equal. Shall be complete with all necessary gland, rubber gaskets, nuts and bolts.                | 4", 6", 8", 10", 12",<br>14", 16" and 20"  |
| 54. Transition Coupling DI to AC   | 4", 6", 8", 10",<br>12" (All by 6")  |
| 55. Transition Coupling AC to DI   | 2"x 6"   |
| 56. Full Circle Clamp, Full Stainless Steel, complete with gaskets, stainless steel bolts and stainless steel nuts.  | 2", 4", 6", 8", 12", 20" x 7 1/2"<br>4", 6", 8", 10", 12", 14", 16", 18",<br>20", 24" x 12 1/2"<br>4", 6", 8", 10", 12", 14", 18", 20",<br>24" x 20"<br>10", 14", 16", 20" x 10<br>4", 6", 8", 10", 12", 14, 16", 18", 20",<br>24" x 15"<br>4", 6", 8", 10", 12", 14", 16", 18", 20", 24" x, 24" |
| 57. Bell Joint Leak Clamp for cast iron or ductile iron pipe, complete with gaskets, nuts and bolts. Body to be made of ductile iron.                                      | 4", 6", 8", 10", 12",<br>14", 16", 20"   |
| 58. Union, 3 piece, brass. Compression packed joint (PPJ) both ends.   | 3/4", 1", 1 1/4",<br>1 1/2", and 2"  |
| 59. Pipe Coupling, brass, threaded IP x IP.  | 3/4", 1", 1 1/4",<br>1 1/2", 2" and 2 1/2"   |

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| 60. Ball Valves, Brass, with female iron pipe (F.I.P.) both end, Full Port. | 3/4", 1", 1 1/4", 1 1/2", 2" |
| 61. Caps, Brass, Threaded   | 3/4", 1", 1 1/4", 1 1/2", 2" |
| 62. Tees, brass, I.P. Thread  | 3/4", 1", 1 1/4", 1 1/2", 2" |
| 63. Tees, brass. PPJ x PPJ x IP   | 2"x2"x3/4"                   |

**ALL BRASS PARTS WILL BE A.W.W.A. STANDARD C-800 OR LATEST REVISION.**

**ALL WETTED BRASS SURFACES WILL MEET THE FEDERAL LAW OF JANURARY 2014.**

BID#08-19  
Water Department Stock Inventory  
Price Proposal Form

The Price Proposal form can be found in excel format at the City of Portsmouth website under the project heading. <http://www.cityofportsmouth.com/finance/purchasing-bids-and-proposals>.

The price proposal form is posted separately in excel format to make it easier for bidders to submit their pricing in both hard copy and electronic copy as required in the bid specifications.

**CITY OF PORTSMOUTH, NEW HAMPSHIRE**

**ACKNOWLEDGEMENT**

**FORM**

**Water Department  
Stock Inventory**

This Acknowledgement Form is to be completed and submitted with price proposal form.

The undersigned agrees that he/she on behalf of Bidder has read the bid proposal documents and instruction to bidders and agrees to the terms and conditions set forth herein. The Bidder specifically understands that the City is under no obligation to purchase a particular quantity of the products listed. Bidder also understands that bid prices shall include delivery FOB to the address identified in the bid documents.

Bidder further agrees that this bid is not made jointly or in conjunction, cooperation or collusion with any person, firm, corporation or other legal entity.

Bidder agrees no officer, agent or employee of the Owner is directly or indirectly interested in this Bid.

Bidder agrees that the bid prices in the hard copy and electronic copy submitted are identical.

Submitted by Authorized Agent:

\_\_\_\_\_  
(Print Name & Title)

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

