



**Request for Bids**  
**Sewer Department**

**City of Portsmouth, New Hampshire**  
**Sewer Inventory – Bid #48-15**

City of Portsmouth  
Public Works Department

Sewer Inventory

**INVITATION TO BID**

**Sealed** bid proposals, **plainly marked, Sewer Inventory, Bid #48-15 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, New Hampshire, 03801, will be accepted until **February 18, 2015 @ 2:00 p.m.** at which time all bids will be publicly opened and read aloud.

Scope: To supply and deliver sewer inventory used in the sewer operations.

Bid specifications may be obtained from the City's web site: <http://www.cityofportsmouth.com/finance/purchasing.htm> or 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.

## **1. Preparation of Bid Proposal**

a) The bidder shall submit her/his proposal on the forms furnished by the City (attached). The 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 written in figures in the column provided for that purpose. All words and figures shall be in ink or typed.

If a unit price or lump sum bid already entered by the bidder on the proposal form is to be altered it should be crossed out with ink, the new unit price or lump sum bid entered above or below it, and initialed by the bidder, also with ink.

b) The bidder's proposal 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.

## **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.

## **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 proposals 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  
PORTSMOUTH, NEW HAMPSHIRE**

**General Requirements  
And  
Conditions of Award**

**Sewer Inventory Bid**

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

Any quantity specified is an estimate only, and it is to be understood that 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.

All 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 the 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 ten-day delivery specifications, if product is defective, or of poor 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.

**Bid Specifications  
Sewer Inventory Bid**

1. **Pipe, RT PVC SDR 35** 4", 6", 8", 10",  
Plastic Pipe 12", 14", 15", 16", 18".  
All necessary rubber gaskets and fitting  
lubricants as required by manufacture  
shall be supplied with the pipe.

2. **Flexible Rubber Couplings**

**Clay to CI/Plastic**

1002-44  
1002-55  
1002-64  
1002-65  
1002-66  
1002-86  
1002-88  
1002-108  
1002-1010  
1002-1212  
1002-1512  
1002-1515  
1002-1821

**AC to CI**

1051-44  
1051-54  
1051-64  
1051-65  
1051-66  
1051-86  
1051-88  
1051-1010  
1051-1212  
1051-1515

**CI/Plastic to CI/Plastic**

1056-22  
1056-32  
1056-33  
1056-42  
1056-43  
1056-44

**CI/Plastic to CI/Plastic (Continued)**

1056-64  
1056-66  
1056-86  
1056-88  
1056-108  
1056-1010  
1056-1210  
1056-1212  
1056-1515  
1056-1818  
1056-2121  
1056-2424

**3. Flexible Tee Saddle Rubber Couplings**

2"-12"x4  
2"-12"x6  
2"-12"x8  
12"-15"x4  
12"-15"x6  
12"-15"x8

**4. Flexible Wye Saddle Rubber Couplings**

2"-12"x4  
2"-12"x6  
2"-12"x8  
12"-15"x4  
12"-15"x6  
12"-15"x8

**5. Plastic fittings**

**Plastic RT SDR 35 Tee BxBxB**

4x4  
6x4  
6x6  
8x4  
8x6  
8x8  
10x4  
10x6  
10x8  
10x10

**Plastic fittings (Continued)**

12x4  
12x6  
12x8  
12x10  
12x12  
15x4  
15x6  
15x15

**Plastic RT SDR 35 Wye BxBxB**

4x4  
6x4  
6x6  
8x4  
8x6  
8x8  
10x4  
10x6  
10x8  
10x10  
12x4  
12x6  
12x8  
12x10  
12x12  
15x4  
15x6  
15x15

**Plastic RT SDR 35 Tee/Wye BxBxB**

4x4  
6x4  
6x6  
8x4  
8x6  
8x8  
10x4  
10x6  
10x8  
10x10  
12x4  
12x6  
12x8  
12x10  
12x12



**Plastic RT SDR 35 Elbows 90' Bend BxS**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Elbows 90' Bend BxB**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Elbows 45' Bend BxB**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Elbows 45' Bend BxS**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Elbows 22 1/2' Bend BxB**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Elbows 22 1/2' Bend BxS**

- 4"
- 6"
- 8"
- 10"
- 12"
- 15"

**Plastic RT SDR 35 Increasers BxS Escentric**

4x6  
 6x8  
 8x10  
 10x12

**Plastic RT SDR 35 Caps**

4"  
 6"  
 8"  
 10"  
 12"  
 15"

**Plastic RT SDR 35 Plugs**

4"  
 6"  
 8"  
 10"  
 12"  
 15"

**6. PAMREX or Similar Approved Manhole Cover and Frame**

Covers shall be one-man operable using standard tools and shall be capable of withstanding an average load of 120,000 lbs.

Covers to be hinged and incorporate a 90 blocking system to prevent accidental closure.

Frames shall be circular and shall incorporate a seating gasket; frame depth shall not exceed 4" (24" opening), 5" (32" opening).

All components shall be black coated.

**7. Manhole Frame & Cover Made of Gray Iron "Sewer or Drain" made in USA, New Hampshire Standard**

Manhole Frame	24x4
Manhole Cover	24
Manhole Frame+Cover	24x4
Manhole Frame	32x4
Manhole Cover	32
Manhole Frame+Cover	32x4
Manhole Frame	24x6
Manhole Cover	24
Manhole Frame+Cover	24x6
Manhole Frame	32x6
Manhole Cover	32
Manhole Frame+Cover	32x6

**8. Manhole Riser (Extension) Rings; Steel, Round, Adjustable. Made in the USA.**

- 24" x 1"
- 24" x 1 ½"
- 24" x 2"
- 24" x 2 ½"
- 32" x 1"
- 32" x 1 ½"
- 32" x 2"
- 32" x 2 ½"

**9. Catch Basin Frame & Grate 3 Flanged (Gray Iron) Made in USA, NH Type B**

- 4" Catch Basin Frame & Grate
- 6" Catch Basin Frame & Grate
- 8" Catch Basin Frame & Grate
- Grate Only CI
- Grate Only Galvanized

**10. Catch Basin Frame & Grate 4 Flanged (Gray Iron) Made in USA, NH Type B**

- 4" Catch Basin Frame & Grate
- 6" Catch Basin Frame & Grate
- 8" Catch Basin Frame & Grate

**BID SPECIFICATIONS CONTINUED BELOW****SCOPE**

This specification describes 8 through 24-inch (100 to 1500 mm) HDPE pipe for use in gravity flow drainage applications.

**PIPE REQUIREMENTS**

Pipe shall have a smooth interior and annular exterior corrugations.

- 8-through 10-inch (100 to 250mm) shall meet structural requirements of AASHTO M252, Type S.
- 12-through 24-inch (300 to 1500mm) shall meet structural requirements of AASHTO M294, Type S.
- Manning's "n" value for use in design shall be 0.010 to 0.012.
- Or equal

**JOINT PERFORMANCE**

Pipe shall meet the joint performance requirements of AASHTO M252 or M294

**SILT-TIGHT JOINTS**

- 8-through 24-inch (100 to 1500 mm) **Bell & Spigot** gasketed joints shall be silt-tight and non-rated watertight. Gaskets shall be installed by the pipe manufacturer and covered with a removable wrap to ensure the gasket is free from debris. A joint lubricant available from the manufacturer shall be used on the gasket and bell during assembly, or equal.

**MARKING**

**Bell & Spigot** pipe shall be clearly marked with a green identification band of mark on the bell end of the pipe, while 12- through 30-inch (300 to 750 m) **Plain End Pipe** shall be marked with a green identification band located between the first and second corrugations of one end of the product, or equal.

**11. Bell & Spigot Gasketed Joints**

8", 10", 12", 15", 18" & 24"

**12. Bell & Spigot Pipe**

8", 10", 12", 15", 18" & 24" Pipe

**13. Drainage Tees**

8"x8"x8"

10"x10"x8"

10"x10"x10"

12"x12"x8"

12"x12"x10"

12"x12"x12"

15"x15"x8"

15"x15"x10"

15"x15"x12"

15"x15"x15"

18"x18"x8"

18"x18"x10"

18"x18"x12"

18"x18"x15"

18"x18"x18"

24"x24"x8"

24"x24"x10"

24"x24"x12"

24"x24"x15"

24"x24"x18"

24"x24"x24"

**14. 22.5° Drainage Elbow**

8"

10"

12"

15"

18"

24"

**15. 45° Drainage Elbow**

- 8"
- 10"
- 12"
- 15"
- 18"
- 24"

**16. 90° Drainage Elbow**

- 8"
- 10"
- 12"
- 15"
- 18"
- 24"

**17. Drainage WYE's**

- 8"
- 10"
- 12"
- 15"
- 18"
- 24"

**18. Drainage Reducing WYE**

- 10"x8"
- 12"x8"
- 12"x10"
- 15"x8"
- 15"x10"
- 15"x12"
- 18"x8"
- 18"x10"
- 18"x12"
- 18"x15"
- 24"x8"
- 24"x10"
- 24"x12"
- 24"x15"
- 24"x18"

**19. Drainage Eccentric Reducer**

- 10"x8"
- 12"x8"
- 12"x10"
- 15"x8"
- 15"x10"
- 15"x12"

**19. Drainage Eccentric Reducer (cont'd)**

18"x8"

18"x10"

18"x12"

18"x15"

24"x8"

24"x10"

24"x12"

24"x15"

24"x18"

**20. Drainage Flared End Section**

8"

10"

12"

15"

18"

24"

**21. Drainage Repair Couplings (Band Type)**

8"

10"

12"

15"

18"

24"

**END OF BID SPECIFICATIONS SECTION**

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

<u>ITEM</u>	<u>Price</u>
<b><u>1. Pipe, RT PVC SDR 35</u></b>	
<b>Plastic Pipe</b>	
4"	_____ /each
6"	_____ /each
8"	_____ /each
10"	_____ /each
12"	_____ /each
14"	_____ /each
15"	_____ /each
16"	_____ /each
18"	_____ /each
<b><u>2. Flexible Rubber Couplings</u></b>	
<b>Clay to CI/Plastic</b>	
1002-44	_____ /each
1002-55	_____ /each
1002-64	_____ /each
1002-65	_____ /each
1002-66	_____ /each
1002-86	_____ /each
1002-88	_____ /each
1002-108	_____ /each
1002-1010	_____ /each
1002-1212	_____ /each
1002-1512	_____ /each
1002-1515	_____ /each
1002-1821	_____ /each
<b>AC to CI</b>	
1051-44	_____ /each
1051-54	_____ /each
1051-64	_____ /each
1051-65	_____ /each
1051-66	_____ /each
1051-86	_____ /each
1051-88	_____ /each
1051-1010	_____ /each
1051-1212	_____ /each
1051-1515	_____ /each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**CI/Plastic to CI/Plastic**

1056-22	_____	/each
1056-32	_____	/each
1056-33	_____	/each
1056-42	_____	/each
1056-43	_____	/each
1056-44	_____	/each
1056-64	_____	/each
1056-66	_____	/each
1056-86	_____	/each
1056-88	_____	/each
1056-108	_____	/each
1056-1010	_____	/each
1056-1210	_____	/each
1056-1212	_____	/each
1056-1515	_____	/each
1056-1818	_____	/each
1056-2121	_____	/each
1056-2424	_____	/each

**3. Flexible Tee Saddle Rubber Couplings**

2"-12"x4	_____	/each
2"-12"x6	_____	/each
2"-12"x8	_____	/each
12"-15"x4	_____	/each
12"-15"x6	_____	/each
12"-15"x8	_____	/each

**4. Flexible Wye Saddle Rubber Couplings**

2"-12"x4	_____	/each
2"-12"x6	_____	/each
2"-12"x8	_____	/each
12"-15"x4	_____	/each
12"-15"x6	_____	/each
12"-15"x8	_____	/each

**5. Plastic fittings**

**Plastic RT SDR 35 Tee BxBxB**

4x4	_____	/each
6x4	_____	/each



**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**Plastic RT SDR 35 Tee BxBxB (cont'd)**

6x6	_____	/each
8x4	_____	/each
8x6	_____	/each
8x8	_____	/each
10x4	_____	/each
10x6	_____	/each
10x8	_____	/each
10x10	_____	/each
12x4	_____	/each
12x6	_____	/each
12x8	_____	/each
12x10	_____	/each
12x12	_____	/each
15x4	_____	/each
15x6	_____	/each
15x15	_____	/each

**Plastic RT SDR 35 Wye BxBxB**

4x4	_____	/each
6x4	_____	/each
6x6	_____	/each
8x4	_____	/each
8x6	_____	/each
8x8	_____	each
10x4	_____	/each
10x6	_____	/each
10x8	_____	/each
10x10	_____	/each
12x4	_____	/each
12x6	_____	/each
12x8	_____	/each
12x10	_____	/each
12x12	_____	/each
15x4	_____	/each
15x6	_____	/each
15x15	_____	/each

**Plastic RT SDR 35 Tee/Wye BxBxB**

4x4	_____	/each
6x4	_____	each
6x6	_____	/each
8x4	_____	/each
8x6	_____	/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**Plastic RT SDR 35 Tee/Wye BxBxB (cont'd)**

8x8	_____	/each
10x4	_____	/each
10x6	_____	/each
10x8	_____	/each
10x10	_____	/each
12x4	_____	/each
12x6	_____	/each
12x8	_____	/each
12x10	_____	/each
12x12	_____	/each

**Plastic RT SDR 35 Elbows 90' Bend BxS**

4"	_____	/each
6"	_____	/each
8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each

**Plastic RT SDR 35 Elbows 90' Bend BxB**

4"	_____	/each
6"	_____	/each
8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each

**Plastic RT SDR 35 Elbows 45' Bend BxB**

4"	_____	/each
6"	_____	/each
8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each

**Plastic RT SDR 35 Elbows 45' Bend BxS**

4"	_____	/each
6"	_____	/each
8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**Plastic RT SDR 35 Elbows 22 1/2' Bend BxB**

- 4" \_\_\_\_\_/each
- 6" \_\_\_\_\_/each
- 8" \_\_\_\_\_/each
- 10" \_\_\_\_\_/each
- 12" \_\_\_\_\_/each
- 15" \_\_\_\_\_/each

**Plastic RT SDR 35 Elbows 22 1/2' Bend BxS**

- 4" \_\_\_\_\_/each
- 6" \_\_\_\_\_/each
- 8" \_\_\_\_\_/each
- 10" \_\_\_\_\_/each
- 12" \_\_\_\_\_/each
- 15" \_\_\_\_\_/each

**Plastic RT SDR 35 Increases BxS Escentric**

- 4x6 \_\_\_\_\_/each
- 6x8 \_\_\_\_\_/each
- 8x10 \_\_\_\_\_/each
- 10x12 \_\_\_\_\_/each

**Plastic RT SDR 35 Caps**

- 4" \_\_\_\_\_/each
- 6" \_\_\_\_\_/each
- 8" \_\_\_\_\_/each
- 10" \_\_\_\_\_/each
- 12" \_\_\_\_\_/each
- 15" \_\_\_\_\_/each

**Plastic RT SDR 35 Plugs**

- 4" \_\_\_\_\_/each
- 6" \_\_\_\_\_/each
- 8" \_\_\_\_\_/each
- 10" \_\_\_\_\_/each
- 12" \_\_\_\_\_/each
- 15" \_\_\_\_\_/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**6. PAMREX or Similar Approved Manhole Cover and Frame**

4" (24" opening) \_\_\_\_\_/each  
 5" (32" opening) \_\_\_\_\_/each

**7. Manhole Frame & Cover Made of Gray Iron "Sewer or Drain" Made in USA, NH Standard**

Manhole Frame	24x4	_____	/each
Manhole Cover	24	_____	/each
Manhole Frame+Cover	24x4	_____	/each
Manhole Frame	32x4	_____	/each
Manhole Cover	32	_____	/each
Manhole Frame+Cover	32x4	_____	/each
Manhole Frame	24x6	_____	/each
Manhole Cover	24	_____	/each
Manhole Frame+Cover	24x6	_____	/each
Manhole Frame	32x6	_____	/each
Manhole Cover	32	_____	/each
Manhole Frame+Cover	32x6	_____	/each

**8. Manhole Riser (Extension) Rings; Steel, Adjustable, Made in USA**

24"x1"	_____	/each
24" x 1 1/2"	_____	/each
24" x 2"	_____	/each
24" x 2 1/2"	_____	/each
32" x 1"	_____	/each
32" x 1 1/2"	_____	/each
32" x 2"	_____	/each
32" x 2 1/2"	_____	/each

**9. Catch Basin Frame + Grate 3 Flanged (Gray Iron) Made in USA, NH Type B**

Catch Basin Frame & Grate 4"	_____	/each
Catch Basin Frame & Grate 6"	_____	/each
Catch Basin Frame & Grate 8"	_____	/each
Catch Basin Grate Only Cast Iron	_____	/each
Catch Basin Grate Only Galvanized Steel	_____	/each

**10. Catch Basin Frame + Grate 4 Flanged (Gray Iron) Made in USA, NH Type B**

Catch Basin Frame & Grate 4"	_____	/each
Catch Basin Frame & Grate 6"	_____	/each

Catch Basin Frame & Grate 8" \_\_\_\_\_/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**11. Bell & Spigot Gasketed Joints**

8" \_\_\_\_\_/each  
 10" \_\_\_\_\_/each  
 12" \_\_\_\_\_/each  
 15" \_\_\_\_\_/each  
 18" \_\_\_\_\_/each  
 24" \_\_\_\_\_/each

**12. Bell & Spigot HDPE Drain Pipe**

8" \_\_\_\_\_/each  
 10" \_\_\_\_\_/each  
 12" \_\_\_\_\_/each  
 15" \_\_\_\_\_/each  
 18" \_\_\_\_\_/each  
 24" \_\_\_\_\_/each

**13. Drainage Tees**

8"x8"x8" \_\_\_\_\_/each  
 10"x10"x8" \_\_\_\_\_/each  
 10"x10"x10" \_\_\_\_\_/each  
 12"x12"x8" \_\_\_\_\_/each  
 12"x12"x10" \_\_\_\_\_/each  
 12"x12"x12" \_\_\_\_\_/each  
 15"x15"x8" \_\_\_\_\_/each  
 15"x15"x10" \_\_\_\_\_/each  
 15"x15"x12" \_\_\_\_\_/each  
 15"x15"x15" \_\_\_\_\_/each  
 18"x18"x8" \_\_\_\_\_/each  
 18"x18"x10" \_\_\_\_\_/each  
 18"x18"x12" \_\_\_\_\_/each  
 18"x18"x15" \_\_\_\_\_/each  
 18"x18"x18" \_\_\_\_\_/each  
 24"x24"x8" \_\_\_\_\_/each  
 24"x24"x10" \_\_\_\_\_/each  
 24"x24"x12" \_\_\_\_\_/each  
 24"x24"x15" \_\_\_\_\_/each  
 24"x24"x18" \_\_\_\_\_/each  
 24"x24"x24" \_\_\_\_\_/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**14. 22.5° Drainage Elbow**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**15. 45° Drainage Elbow**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**16. 90° Drainage Elbow**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**17. Drainage Wye's**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**18. Drainage Reducing Wye**

10"x8"	_____	/each
12"x8"	_____	/each
12"x10"	_____	/each
15"x8"	_____	/each
15"x10"	_____	/each
15"x12"	_____	/each
18"x8"	_____	/each
18"x10"	_____	/each
18"x12"	_____	/each

**BID PRICES SHALL REMAIN FIRM FOR A PERIOD OF ONE YEAR FROM DATE OF AWARD**

Supply and deliver, in accordance with specifications and FOB Portsmouth Water Department, 680 Peverly Hill Rd., Portsmouth, N.H., the following:

**18. Drainage Reducing Wye (cont'd)**

18"x15"	_____	/each
24"x8"	_____	/each
24"x10"	_____	/each
24"x12"	_____	/each
24"x15"	_____	/each
24"x18"	_____	/each

**19. Drainage Eccentric Reducer**

10"x8"	_____	/each
12"x8"	_____	/each
12"x10"	_____	/each
15"x8"	_____	/each
15"x10"	_____	/each
15"x12"	_____	/each
18"x8"	_____	/each
18"x10"	_____	/each
18"x12"	_____	/each
18"x15"	_____	/each
24"x8"	_____	/each
24"x10"	_____	/each
24"x12"	_____	/each
24"x15"	_____	/each
24"x18"	_____	/each

**20. Drainage Flared End Section**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**21. Drainage Repair Couplings (BAND TYPE)**

8"	_____	/each
10"	_____	/each
12"	_____	/each
15"	_____	/each
18"	_____	/each
24"	_____	/each

**PLEASE INCLUDE MANUFACTURER'S SPECIFICATION SHEETS FOR EACH ITEM**

**CITY OF PORTSMOUTH  
PORTSMOUTH, NEW HAMPSHIRE**

**BID PROPOSAL FORM  
SEWER INVENTORY BID**

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.

Submitted by Authorized Agent:

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

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

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

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

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

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

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

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

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

In order to follow the City's sustainability practices, future bid invitations/specifications may be sent electronically. Please provide an email address as to where I could email future bid invitations/specifications of this type. Thank you in advance for your cooperation.