

Patricia A. Peshka  
Purchasing Agent



Frank J. Picozzi  
Mayor

**City of Warwick**  
Purchasing Division  
(Mailing Address)  
3275 Post Road  
Warwick, Rhode Island 02886  
Tel (401) 738-2013  
Fax (401) 737-2364

The following notice is to appear on the City of Warwick's website Thursday, October 13, 2022. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK  
BIDS REQUESTED FOR**

**Bid2023-227 Pipe Fittings & Valves**

**Specifications**

Specifications are available in the Purchasing Division, located at 65 Centerville Road, Monday through Friday, 8:30 AM until 4:30 PM on or after Thursday, October 13, 2022.

**Submissions**

Sealed bids will be received by the Purchasing Division no later than 11:00 AM, Wednesday, October 26, 2022. The bids will be opened publicly commencing at 11:00 AM on the same day at 65 Centerville Road, Suite D.

**Delivery**

All bids must be sealed. If delivering in person or sent by delivery service (FedEx/UPS/DHL etc..) use physical address 65 Centerville Road, Warwick, RI 02886, Suite D. If sent via United States Postage Service use mailing address 3275 Post Road Warwick, Rhode Island 02886.

**Awards**

Awards will be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

**Original Signature on File**

Patricia A. Peshka  
Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**Acknowledgement of Addendum (if applicable)**

<b>Addendum Number</b>	<b>Signature of Bidder</b>
_____	_____
_____	_____

COMPANY NAME: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

BIDDER'S SIGNATURE: \_\_\_\_\_

BIDDER'S NAME (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_ TEL. NO.: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_\*

\*Please include your email address. Future bids will be emailed, unless otherwise noted.

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**II. AWARD AND CONTRACT:**

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: \_\_\_\_\_

Bid2023-227

\_\_\_\_\_

Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**CERTIFICATION & WARRANT FORM\***

**This form must be completed and submitted with sealed bid.  
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

**\*This form cannot be altered in any way**

**CITY OF WARWICK  
NOTICE TO BIDDERS**

**Bid2023-227 Pipe Fittings & Valves**

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <https://www.ridop.ri.gov/contract-portal/>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): [https://www.njpacoop.org/cooperative purchasing](https://www.njpacoop.org/cooperative-purchasing)

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net>

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2023-227 Pipe Fittings & Valves."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Terry DiPetrillo, Water Division Chief, at 401-921-9798.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder must initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder must indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on [www.warwickri.gov](http://www.warwickri.gov) should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Good Standing** (if required) within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm January 25, 2023 through January 24, 2024. Term contracts may be extended for one additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the

Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

**CITY OF WARWICK**  
**BID AND CONTRACT FORM**

**TITLE OF SPECIFICATION:** Bid2023-227 Pipe Fittings & Valves

**I. BID:**

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity below does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price below;

This offer shall remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance below by the CITY OF WARWICK shall transform the bid into a contract. This bid and contract shall be secured by Bonds, if required by the specifications. Please list each fee per parcel below.

**Pricing as follows**

**Pipe Fitting & Valves**

- ITEM# 1) VALVE BOX:**  
**TYPE:** Sliding type adjustable, cast iron, standard pattern,  
Cover non-tip, easily removed, Marked "WATER"
- |              |    |               |                |
|--------------|----|---------------|----------------|
| <b>Size:</b> | 10 | Top shaft     | 6"             |
|              |    | Bottom shaft  | 5"             |
|              | 10 | Bottom bell   | 7 3/4"         |
|              |    | Height inside | 8 1/2"         |
|              |    | Top height    | 24" bottom 36" |
- Accommodates gate valves 4"- 12"**
- UNIT PRICE :** \_\_\_\_\_ ( ea.)
- ITEM# 2) VALVE BOX EXTENTIONS:**
- |           |                 |      |                                  |
|-----------|-----------------|------|----------------------------------|
|           |                 | Size |                                  |
| <b>a)</b> | 5 1/4" X 1"     |      | <b>UNIT PRICE :</b> _____ ( ea.) |
| <b>b)</b> | 5 1/4" x 1 1/2" |      | <b>UNIT PRICE :</b> _____ ( ea.) |
| <b>c)</b> | 5 1/4" x 2"     |      | <b>UNIT PRICE :</b> _____ ( ea.) |
- ITEM# 3) VALVE BOX TOPS: (ROAD) COVER (marked water)**  
**TYPE:** Top shaft and cover for above.  
**UNIT PRICE :** \_\_\_\_\_ ( ea.)
- ITEM# 4) VALVE BOX COVER: COVER (marked water)**
- |           |   |                                  |
|-----------|---|----------------------------------|
| <b>a)</b> | Regular valve box cover only!<br>5 1/4"                             | <b>UNIT PRICE :</b> _____ ( ea.) |
| <b>b)</b> | Locking valve box cover only!<br>(Gate box locking cover)<br>5 1/4" | <b>UNIT PRICE :</b> _____ ( ea.) |
- ITEM# 5) SERVICE BOXES, NEW ENGLAND PATTERN 2 1/2":**  
**TYPE:** Buffalo, sliding type complete top and bottom to  
Extend to a minimum of 60 inches, with cover  
Set in flush complete, complete with bronze  
Locking nut.  
**UNIT PRICE :** \_\_\_\_\_ ( ea.)
- ITEM# 6) SERVICE BOX TOP, NEW ENGLAND PATTERN (BUFFALO):**  
**TYPE:** Sliding 24" with cover, Set in flush, bronze bolt in cover.  
Fits over 2 1/2" shaft.  
**UNIT PRICE :** \_\_\_\_\_ ( ea.)



**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**ITEM# 7) CURB BOXES: AND ACCESSORIES:**

- a)     **TYPE:**                    **(Rod Box) Curb box & accessories**  
      **STATIONARY ROD:**    24 inches  
      **COVER:**                Heavy duty with brass pentagon headed plug  
                                    Clearly marked (**WATER**)  
      **SIZE:**                    Inside dimension upper section 1 inch to  
                                    accommodate ¾" thru 2 inch curb stops or valves  
      **UNIT PRICE :** \_\_\_\_\_( ea.)
- b)     **TYPE:**                    **Rod box Extensions**  
                                    Stainless steel  
                                    W/Set screw  
      **SIZE:**  
      i) 6" Extension            **UNIT PRICE :** \_\_\_\_\_( ea.)  
      ii) 12"Extension           **UNIT PRICE :** \_\_\_\_\_( ea.)  
      iii) 18"Extension          **UNIT PRICE :** \_\_\_\_\_( ea.)
- c)     **TYPE:**                    **Telescopic, with cast iron arch base**  
      **TELESCOPE:**            48 inch thru 60 inch  
      **STATIONARY ROD:**      30 inches  
      **COVER:**                Heavy duty with brass pentagon headed plug clearly  
                                    Marked (**WATER**) inside dimension upper section 1  
                                    Inch to accommodate ¾" thru 2 inch curb stops or  
                                    Valves  
      **UNIT PRICE :** \_\_\_\_\_( ea.)
- d)     **TYPE:**                    **(Rod box) Repair cover w/Set screw**  
      **STATIONARY ROD:**      24 inches  
      **COVER:**                Heavy duty with brass pentagon headed plug clearly  
                                    Marked (**WATER**)  
      **SIZE:**                    Inside dimension upper section 1 inch to  
                                    Accommodate ¾" thru 2 inch curb stops or valves  
      **UNIT PRICE :** \_\_\_\_\_( ea.)
- e)     **TYPE:**                    **(Rod box threaded) Repair cover**  
      **STATIONARY ROD:**      24 inches  
      **COVER:**                Heavy duty with brass pentagon headed plug clearly  
                                    Marked (**WATER**)  
      **SIZE:**                    Inside dimension upper section 1 inch to  
                                    Accommodate ½" thru 2 inch curb stops or valves.  
      **UNIT PRICE :** \_\_\_\_\_( ea.)

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**ITEM# 8)      GATE VALVE: ANSI    AWWA – C500 – C509-80**

**TYPE:** Double Disc/Resilient  
**STEM:** Non Rising  
**OPERATING NUT:** 2 Inch (red)  
**SEALS:** “O” RINGS  
**MATERIAL:** Cast iron/Ductile  
**PRESSURE RATING:** 250 PSI  
**VALVE OPERATION:** Open RIGHT  
**JOINT TYPE:** Mechanical, Complete with flanges, bolts and gaskets  
**GASKET RANGE:** (6 INCH 6.84 – 6.96) (8 INCH 8.99 – 9.11)  
**Interior protective coating meeting appropriate AWWA standards**

**SIZE:**

a)	4”	UNIT PRICE :	_____ ( ea.)
b)	6”	UNIT PRICE :	_____ ( ea.)
c)	8”	UNIT PRICE :	_____ ( ea.)
d)	10”	UNIT PRICE :	_____ ( ea.)
e)	12”	UNIT PRICE :	_____ ( ea.)
f)	16”	UNIT PRICE :	_____ ( ea.)

**ITEM# 9)      BENDS:                                  MEETING AWWA/ANSI C110 OR C153 STANDARDS**

**MATERIAL:** Gray iron/Ductile iron  
**PRESSURE RATING:** 250 PSI  
**TYPE:** Mechanical Joint – Complete with flanges, Bolts and gaskets  
**Cement:** Meeting AWWA Appropriate Standard  
**Gasket Ranges**  
4”  
6” 6.84 – 6.96  
8” 8.99 – 9.11

	<b>Size</b>	<b>Degree</b>	
a)	4”	45	UNIT PRICE : _____ ( ea.)
b)	4”	90	UNIT PRICE : _____ ( ea.)
c)	4”	22 ½”	UNIT PRICE : _____ ( ea.)
d)	6”	45	UNIT PRICE : _____ ( ea.)
e)	6”	90	UNIT PRICE : _____ ( ea.)
f)	6”	22 ½”	UNIT PRICE : _____ ( ea.)
	<b>Size</b>	<b>Degree</b>	
g)	8”	45	UNIT PRICE : _____ ( ea.)
h)	8”	90	UNIT PRICE : _____ ( ea.)
i)	8”	22 ½”	UNIT PRICE : _____ ( ea.)
j)	10”	45	UNIT PRICE : _____ ( ea.)
k)	10”	90	UNIT PRICE : _____ ( ea.)
l)	10”	22 ½”	UNIT PRICE : _____ ( ea.)
m)	12”	45	UNIT PRICE : _____ ( ea.)
n)	12”	90	UNIT PRICE : _____ ( ea.)
o)	12”	22 ½”	UNIT PRICE : _____ ( ea.)

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**ITEM# 10)      TEES: MEETING ANSI/AWWA C110 OR C153 STANDARDS**

**MATERIAL:** Gray iron/Ductile iron  
**PRESSURE RATING:** 250 PSI  
**TYPE:** Mechanical Joint – Complete with flanges, Bolts and gaskets  
**CEMENT LINED:** Meeting AWWA Appropriate Standard  
**GASKET RANGES:** 6” 6.84 – 6.96  
8” 8.99 – 9.11

	Size	
a)	6x6x4	UNIT PRICE : _____ ( ea.)
b)	6x6x6	UNIT PRICE : _____ ( ea.)
c)	8x8x4	UNIT PRICE : _____ ( ea.)
d)	8x8x6	UNIT PRICE : _____ ( ea.)
e)	8x8x8	UNIT PRICE : _____ ( ea.)
f)	10x10x4	UNIT PRICE : _____ ( ea.)
g)	10x10x6	UNIT PRICE : _____ ( ea.)
h)	10x10x8	UNIT PRICE : _____ ( ea.)
i)	12x12x4	UNIT PRICE : _____ ( ea.)
j)	12x12x6	UNIT PRICE : _____ ( ea.)
k)	12x12x8	UNIT PRICE : _____ ( ea.)
l)	16x16x4	UNIT PRICE : _____ ( ea.)
m)	16x16x6	UNIT PRICE : _____ ( ea.)
n)	16x16x8	UNIT PRICE : _____ ( ea.)
o)	20x20x6	UNIT PRICE : _____ ( ea.)
p)	20x20x8	UNIT PRICE : _____ ( ea.)

**ITEM# 11)      HYDRANT SWIVEL TEES: MJ MEETING ANSI/AWWA C110 OR C153 STANDARDS**

	Size	
a)	6x6x6	UNIT PRICE : _____ ( ea.)
b)	8x8x6	UNIT PRICE : _____ ( ea.)
c)	8x8x8	UNIT PRICE : _____ ( ea.)
d)	10x10x6	UNIT PRICE : _____ ( ea.)
e)	10x10x8	UNIT PRICE : _____ ( ea.)
f)	12x12x6	UNIT PRICE : _____ ( ea.)
g)	12x12x8	UNIT PRICE : _____ ( ea.)
h)	16x16x6	UNIT PRICE : _____ ( ea.)
i)	16x16x8	UNIT PRICE : _____ ( ea.)
j)	20x20x6	UNIT PRICE : _____ ( ea.)
k)	20x20x8	UNIT PRICE : _____ ( ea.)

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**ITEM# 12) M.I. CAPS: MEETING ANSI/AWWA C110 STANDARDS**

**MATERIAL:** Gray iron/Ductile iron  
**PRESSURE RATING:** 250 PSI  
**TYPE:** Mechanical Joint – Complete with flanges, Bolts and gaskets  
**CEMENT LINED:** Meeting AWWA Appropriate Standard  
**GASKET RANGES:** 6” 6.84 – 6.96  
8” 8.99 – 9.11  
12” 13.14-13.26

	Size	
a)	4”	UNIT PRICE : _____ ( ea.)
b)	6”	UNIT PRICE : _____ ( ea.)
c)	8”	UNIT PRICE : _____ ( ea.)
d)	10”	UNIT PRICE : _____ ( ea.)
e)	12”	UNIT PRICE : _____ ( ea.)
f)	16”	UNIT PRICE : _____ ( ea.)
g)	20”	UNIT PRICE : _____ ( ea.)
h)	24”	UNIT PRICE : _____ ( ea.)

**ITEM# 13) CAPS: AS STATED ABOVE COMPLETE WITH 2” IRON PIPE THREAD TAPPED**

	Size	
a)	4”	UNIT PRICE : _____ ( ea.)
b)	6”	UNIT PRICE : _____ ( ea.)
c)	8”	UNIT PRICE : _____ ( ea.)
d)	10”	UNIT PRICE : _____ ( ea.)
e)	12”	UNIT PRICE : _____ ( ea.)
f)	16”	UNIT PRICE : _____ ( ea.)
g)	20”	UNIT PRICE : _____ ( ea.)
h)	24”	UNIT PRICE : _____ ( ea.)

**ITEM# 14) TAPPING VALVES: ANSI/AWWA 500-C509-80**

**TYPE:** Double Disc/Resilient  
**STEM:** Non Rising  
**OPERATING NUT:** 2 inch (RED)  
**SEALS:** “O”Rings  
**MATERIAL:** Cast Iron/Ductile  
**PRESSURE RATING:** 200 PSI  
**VALVE OPERATING:** Open Right  
**JOINT TYPE:** Flange Inlet  
**GASKET RANGE:** 6” 6.84-6.96  
8” 8.99-9.11  
Class 125 to mechanical with flanges, bolts & gaskets, Interior and exterior protective coating meeting appropriate AWWA Standards

	Size	
a)	4”	UNIT PRICE : _____ ( ea.)
b)	6”	UNIT PRICE : _____ ( ea.)
c)	8”	UNIT PRICE : _____ ( ea.)
d)	10”	UNIT PRICE : _____ ( ea.)
e)	12”	UNIT PRICE : _____ ( ea.)
f)	16”	UNIT PRICE : _____ ( ea.)

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ITEM# 15) **TAPPING SLEEVES:** FABRICATED: EXTRA HEAVY DUTY LUGGED AREA AROUND BOLTS V

SHAPED EX: ROCKWELL #622 STYLE ONLY NO LIGHT DUTY WILL BE ACCEPTED

**MATERIAL:** Stainless steel  
**TYPE:** All Purpose- Extra Heavy  
**JOINT TYPE:** Flange Outlet Class 125  
**RANGE:**  
6" 7.10-7.50  
8" 9.20-9.60  
10" 11.80-12.20  
12" 13.90-14.30  
16" 17.70-18.10  
20" 21.90-22.30

- |    | Size     |                           |
|----|----------|---------------------------|
| a) | 6x6x4    | UNIT PRICE : _____ ( ea.) |
| b) | 6x6x6    | UNIT PRICE : _____ ( ea.) |
| c) | 8x8x4    | UNIT PRICE : _____ ( ea.) |
| d) | 8x8x6    | UNIT PRICE : _____ ( ea.) |
| e) | 8x8x8    | UNIT PRICE : _____ ( ea.) |
| f) | 10x10x4  | UNIT PRICE : _____ ( ea.) |
| g) | 10x10x6  | UNIT PRICE : _____ ( ea.) |
| h) | 10x10x8  | UNIT PRICE : _____ ( ea.) |
| i) | 10x10x10 | UNIT PRICE : _____ ( ea.) |
| j) | 12x12x4  | UNIT PRICE : _____ ( ea.) |
| k) | 12x12x6  | UNIT PRICE : _____ ( ea.) |
| l) | 12x12x8  | UNIT PRICE : _____ ( ea.) |
| m) | 12x12x10 | UNIT PRICE : _____ ( ea.) |
| n) | 16x16x6  | UNIT PRICE : _____ ( ea.) |
| o) | 16x16x8  | UNIT PRICE : _____ ( ea.) |
| p) | 20x20x6  | UNIT PRICE : _____ ( ea.) |
| q) | 20x20x8  | UNIT PRICE : _____ ( ea.) |

MFG. Cascade Waterworks MFG. Model CST-EX-SS

ITEM# 16) **PVC PIPE:** (WATER MAIN) NOTE: **BLUE BRUTE ONLY**  
(NO WHITE PIPE ACCEPTED)

16.1 polyvinyl Chloride (PVC) AWWA c-900 DR 18 Bell & Spicket or coupling "with Gasket"

- |    | Size |                               |
|----|------|-------------------------------|
| a) | 2"   | UNIT PRICE : _____ ( PER FT.) |
| b) | 4"   | UNIT PRICE : _____ ( PER FT.) |
| c) | 6"   | UNIT PRICE : _____ ( PER FT.) |
| d) | 8"   | UNIT PRICE : _____ ( PER FT.) |
| e) | 10"  | UNIT PRICE : _____ ( PER FT.) |
| f) | 12"  | UNIT PRICE : _____ ( PER FT.) |
| g) | 16"  | UNIT PRICE : _____ ( PER FT.) |
| h) | 20"  | UNIT PRICE : _____ ( PER FT.) |
| i) | 24"  | UNIT PRICE : _____ ( PER FT.) |
| j) | 30"  | UNIT PRICE : _____ ( PER FT.) |

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**ITEM# 17)      DUCTILE PIPE: (WATER MAIN)**  
**DUCTILE IRON AWWA C151-76 WITH LINER TO C104-74 OR LATEST REVISED. PRESSURE CLASS 350 MINIMUM, PUSH ON JOINT**

	Size	
a) 4"		UNIT PRICE : _____ ( PER FT.)
b) 6"		UNIT PRICE : _____ ( PER FT.)
c) 8"		UNIT PRICE : _____ ( PER FT.)
d) 10"		UNIT PRICE : _____ ( PER FT.)
e) 12"		UNIT PRICE : _____ ( PER FT.)
f) 16"		UNIT PRICE : _____ ( PER FT.)
g) 20"		UNIT PRICE : _____ ( PER FT.)
h) 24"		UNIT PRICE : _____ ( PER FT.)
i) 30"		UNIT PRICE : _____ ( PER FT.)

**ITEM# 18)      MECHANICAL JOINT ACCESSORY SETS:      (GLAND PACK SET)**

	Size	
a) 4"		UNIT PRICE : _____ ( ea.)
b) 6"		UNIT PRICE : _____ ( ea.)
c) 8"		UNIT PRICE : _____ ( ea.)
d) 10"		UNIT PRICE : _____ ( ea.)
e) 12"		UNIT PRICE : _____ ( ea.)
f) 16"		UNIT PRICE : _____ ( ea.)
g) 20"		UNIT PRICE : _____ ( ea.)
h) 24"		UNIT PRICE : _____ ( ea.)
i) 30"		UNIT PRICE : _____ ( ea.)

**ITEM# 19)      MECHANICAL JOINT OFFSETS:**

**MATERIAL:**                      Gray/Iron ductile iron  
**PRESSURE RATING:**        250 PSI  
**TYPE:**                            Complete with flanges, bolts and gaskets  
   \*Must be AWWA Appropriate standards

	Size	
a) 4x4x6		UNIT PRICE : _____ ( ea.)
b) 4x4x12		UNIT PRICE : _____ ( ea.)
c) 4x4x18		UNIT PRICE : _____ ( ea.)
d) 6x6x6		UNIT PRICE : _____ ( ea.)
e) 6x6x12		UNIT PRICE : _____ ( ea.)
f) 6x6x18		UNIT PRICE : _____ ( ea.)
g) 8x8x6		UNIT PRICE : _____ ( ea.)
h) 8x8x12		UNIT PRICE : _____ ( ea.)
i) 8x8x18		UNIT PRICE : _____ ( ea.)
j) 10x10x6		UNIT PRICE : _____ ( ea.)
k) 10x10x12		UNIT PRICE : _____ ( ea.)
l) 10x10x18		UNIT PRICE : _____ ( ea.)
m) 12x12x6		UNIT PRICE : _____ ( ea.)
n) 12x12x12		UNIT PRICE : _____ ( ea.)
o) 12x12x18		UNIT PRICE : _____ ( ea.)

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**ITEM# 20)      GRIP RING GLAND PACKS      MEETING AWWA/ANSI STANDARDS**

- |    | Size            |                           |
|----|-----------------|---------------------------|
| a) | 4" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| b) | 4" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| c) | 6" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| d) | 6" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| e) | 8" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| f) | 8" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| g) | 10" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| h) | 10" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |
| i) | 12" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| j) | 12" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |

**ITEM# 21)      MEGA LUG GLAND PACKS:      MEETING AWWA/ANSI STANDARDS**

- |    | Size            |                           |
|----|-----------------|---------------------------|
| a) | 4" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| b) | 4" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| c) | 6" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| d) | 6" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| e) | 8" FOR PVC      | UNIT PRICE : _____ ( ea.) |
| f) | 8" FOR DUCTILE  | UNIT PRICE : _____ ( ea.) |
| g) | 10" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| h) | 10" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |
| i) | 12" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| j) | 12" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |
| k) | 16" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| l) | 16" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |
| m) | 20" FOR PVC     | UNIT PRICE : _____ ( ea.) |
| n) | 20" FOR DUCTILE | UNIT PRICE : _____ ( ea.) |

**ITEM# 22)      MECHANICAL JOINT CROSSES:      MEETING ANSI/AWWA C110 OR C153  
STANDARDS**

- |    | Size        |                           |
|----|-------------|---------------------------|
| a) | 6x6x6x6     | UNIT PRICE : _____ ( ea.) |
| b) | 8x8x6x6     | UNIT PRICE : _____ ( ea.) |
| c) | 8x8x8x8     | UNIT PRICE : _____ ( ea.) |
| d) | 10x10x6x6   | UNIT PRICE : _____ ( ea.) |
| e) | 10x10x8x8   | UNIT PRICE : _____ ( ea.) |
| f) | 10x10x10x10 | UNIT PRICE : _____ ( ea.) |

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**Item# 23) BUTTERFLY VALVES: MEETING ANSI/AWWA C504 STANDARDS CLASS 205B (AMERICAN MADE)**

**TYPE:** Ductile iron  
**OPERATING NUT:** 2" (red)  
**DISC:** Ductile iron  
**DISC EDGE:** Stainless Steel  
**COATING:** Epoxy  
**PRESSURE RATING:** 250 PSI  
**VALVE OPERATION:** Open Right  
**JOINT TYPE:** Mechanical Joint

- |    | <b>Size</b> |                                  |
|----|-------------|----------------------------------|
| a) | 12"         | <b>UNIT PRICE :</b> _____ ( ea.) |
| b) | 16"         | <b>UNIT PRICE :</b> _____ ( ea.) |
| c) | 20"         | <b>UNIT PRICE :</b> _____ ( ea.) |
| d) | 24"         | <b>UNIT PRICE :</b> _____ ( ea.) |
| e) | 30"         | <b>UNIT PRICE :</b> _____ ( ea.) |

**ITEM# 24) REDUCERS: MEETING ANSI/AWWA STANDARD C-110 OR C-153**

**TYPE:** Ductile Iron  
**PRESSURE RATING:** 250PSI  
**JOINT TYPE:** Mechanical Joint  
(COMPLETE: With Flanges, bolts and gaskets)

- |    | <b>Size</b> |                                  |
|----|-------------|----------------------------------|
| a) | 6x4         | <b>UNIT PRICE :</b> _____ ( ea.) |
| b) | 8x4         | <b>UNIT PRICE :</b> _____ ( ea.) |
| c) | 8x6         | <b>UNIT PRICE :</b> _____ ( ea.) |
| d) | 10x4        | <b>UNIT PRICE :</b> _____ ( ea.) |
| e) | 10x6        | <b>UNIT PRICE :</b> _____ ( ea.) |
| f) | 10x8        | <b>UNIT PRICE :</b> _____ ( ea.) |

**ITEM# 25) 2" PVC GASKETED:**

- | <b>TYPE:</b> |           |                                  |
|--------------|-----------|----------------------------------|
| a)           | Coupling  | <b>UNIT PRICE :</b> _____ ( ea.) |
| b)           | Caps      | <b>UNIT PRICE :</b> _____ ( ea.) |
| c)           | 22 Degree | <b>UNIT PRICE :</b> _____ ( ea.) |
| d)           | 45 Degree | <b>UNIT PRICE :</b> _____ ( ea.) |
| e)           | 2 x ¾ Tee | <b>UNIT PRICE :</b> _____ ( ea.) |
| f)           | 2 x 1 Tee | <b>UNIT PRICE :</b> _____ ( ea.) |
| g)           | 2 x 2 Tee | <b>UNIT PRICE :</b> _____ ( ea.) |