

# ADDENDUM #1

## INVITATION FOR SEALED BID BID 01-301

### Description: **CAST IRON FITTINGS** Department: **CITY OF TULSA-Public Works**

NIGP COMMODITY CODE(S): 659-73-000-0

Total pages including this page: 15

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**THIS ADDENDUM IS TO BE COMPLETED, SIGNED BY AN AUTHORIZED AGENT OF YOUR COMPANY, AND INCLUDED IN YOUR BID SUBMISSION. FAILURE TO DO SO WILL RESULT IN REJECTION OF YOUR BID.**

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Please note the opening date of this bid has not been changed. Deadline to have the bid delivered to Room 109, City Hall, is still Wednesday, November 14, 2001, 5:00 p.m.

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Signature of Authorized Agent

Date

## ADDITIONAL SPECIFICATIONS

### ITEM 1 - C.I. SLEEVE (MECH.) 12" X 12"

FITTINGS SHALL CONFORM TO THE ANSI/AWWA C110 OR ANSI/AWWA C153.

THE LENGTH OF ALL SOLID SLEEVES SHALL BE THE LONGEST LENGTH CITED IN AWWA C110 (12-INCH LENGTH FOR 3 INCH THROUGH 12-INCH SLEEVES).

C.I. OR D.I. FITTINGS SHALL BE BITUMINOUS COATED OUTSIDE AND CEMENT-MORTAR LINED INSIDE WITH SEAL COAT IN ACCORDANCE WITH ANSI/ AWWA C104/A21.4.

MECHANICAL JOINS SHALL CONFORM TO THE ANSI/AWWA C111/A21.11.

ALL ACCESSORIES PROVIDED FOR ITEMS 1 THRU 4, INCLUDING NUTS AND BOLTS, MUST COME COMPLETE WITH FITTING(S) FROM THE MANUFACTURER TO INSURE TOLERANCES ARE MET. ACCESSORIES ARE TO BE COMBINED AND BOXED AS AN INDIVIDUAL KIT FOR EACH FITTING.

BIDDER MUST SPECIFY THE MAKE AND MODEL OF THE ITEM(S) BID. ALL FITTINGS SHALL BE COMPLETE WITH NECESSARY ACCESSORIES.

UNLESS OTHERWISE SPECIFIED ABOVE, BOLTS FOR CAST IRON AND/OR DUCTILE IRON FITTINGS SHALL BE CARBON STEEL ANSI/ASTM A307, GRADE A ONLY, IN ACCORDANCE WITH ANSI/AWWA C207.

### ITEM 2 - FULL CIRCLE COUPLING 8" X 10" (227-090510-001)

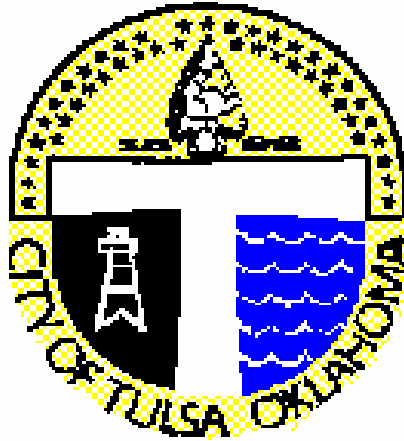
### ITEM 3 - FULL CIRCLE COUPLING 12" X 15" (227-132015-001)

FULL CIRCLE CLAMP COUPLINGS ON LINES 2&3 MUST BE FURNISHED WITH STAINLESS STEEL NUTS AND BOLTS COATED TO PREVENT GALLING. ONLY ROCKWELL, POWERSEAL, MUELLER OR JCM IND. FULL CIRCLE CLAMP COUPLINGS WILL BE ACCEPTED.

### ITEM 4 - C.I. BELL JOINT CLAMP 12" (274-1320-000)

BELL JOINT CLAMPS MUST BE SMITH-BLAIR OR DRESSER. OTHER BRANDS WILL NOT BE ACCEPTED.

DEPARTMENT CONTACT: GREG WELSH 918-596-9468



## INVITATION FOR SEALED BID

**BID 01-301**

**Description: CAST IRON FITTINGS**

**Department: CITY OF TULSA**

**NIGP Commodity Code(s):659-73-000-0**

**Total pages including this page is 12**

**Important Instruction - Read Carefully:**

If you have obtained these bid specifications from either of:  
City of Tulsa's Fax-on-Demand (918-596-1171) or  
City of Tulsa's Website : [www.cityoftulsapurchasing.org](http://www.cityoftulsapurchasing.org)

you must notify the buyer **LARRY HOOD** of your intent to bid by e-mail [lhood@ci.tulsa.ok.us](mailto:lhood@ci.tulsa.ok.us) in order to receive addenda. The buyer will always acknowledge your e-mail for your records. All addenda will be posted on fax-on-demand and the website.

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**Pay special attention to those pages with a reference to the following notes:**

**Note #1: Signature of an authorized agent required**

**Note #2: Signature of an authorized agent and notary required**

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**Your bid response should follow the same format listed above plus any additional format requested in the body of the bid invitation.**

**INVITATION FOR SEALED BIDS  
TO  
City of Tulsa**

200 CIVIC CENTER, ROOM 109, TULSA, OKLAHOMA 74103

Bid number and date of bid opening must appear on the lower  
left outside corner of bid envelopes and all related containers.

**DATE OF OPENING: NOVEMBER 15, 2001**

**BID NUMBER: 01-301**

**BID MUST BE IN THE CITY CLERK'S OFFICE AT THE ABOVE ADDRESS BY 5:00 P.M. THE DAY  
PRECEDING THE "DATE OF OPENING" SHOWN ABOVE.**

**BIDS WILL BE OPENED AT 8:30 A.M. IN THE CITY COUNCIL ROOM ON THE DAY SPECIFIED UNDER "DATE OF OPENING."**

PUBLISHED IN THE TULSA DAILY COMMERCE AND LEGAL NEWS: October 19, 22, 23, 24, & 25

Bid must be accompanied by bidder's bond, cashier's check or certified check in the amount of: NOT REQUIRED

PLEASE READ TERMS AND CONDITIONS ON THE NEXT PAGE BEFORE COMPLETING BID DOCUMENTS

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**THE FOLLOWING SECTION MUST BE COMPLETED BY BIDDER**

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Delivery will be made in not more than \_\_\_\_\_ days after receipt of order.

Payment terms \_\_\_\_\_ % \_\_\_\_\_ days.

City of Tulsa may increase quantity of order at the unit price bid for \_\_\_\_\_ days. (Bidder to Specify Days) I have examined the terms and specifications and the instructions to bidders herein and agree, provided I am awarded a contract, to provide the above described items for the sum shown in accordance with the terms and specifications stated herein. All deviations are in writing and attached hereto.

Enclosed is a  BID BOND ;  CASHIER'S CHECK;  Certified Check in the amount of \$ \_\_\_\_\_, which I agree the City of Tulsa may retain as liquidated damages in the event of my failure to comply with the terms of this bid.

**MUST BE SIGNED BY AUTHORIZED AGENT TO BE VALID**

FIRM NAME \_\_\_\_\_ by \_\_\_\_\_

STREET \_\_\_\_\_ TITLE \_\_\_\_\_

CITY STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_ DATE \_\_\_\_\_

## GENERAL TERMS AND CONDITIONS OF SEALED BIDS

THESE ITEMS APPLY TO AND BECOME A PART OF THE BID.

**NO EXCEPTIONS TO THESE TERMS & CONDITIONS WILL BE CONSIDERED.**

1. **BIDS MUST BE SUBMITTED ON THIS FORM ONLY INCLUDING A SIGNATURE OF AN AUTHORIZED AGENT.** Each bid shall be placed in a separate envelope. Be sure envelope is completely and properly identified and sealed, showing the bid number and date in the lower left hand corner. Bids must be time stamped in the office of the City Clerk by 5:00 P.M. on the day before date of opening.
2. No bidder may withdraw his proposal for a period of thirty (30) days after the date and hour set for the opening of bids.
3. All prices shall be quoted F.O.B. Tulsa, Oklahoma, and delivery to City of Tulsa location shall be without additional charge.
4. The bidder shall attach the manufacturer's name of the equipment or material to be furnished, type, model numbers, manufacturer's descriptive bulletins and specifications. All guarantees and warranties should be clearly stated. This data shall be in sufficient detail to describe accurately the equipment or material to be furnished. Manufacturer's specifications, in respect to the successful bidder, shall be considered as part of his contract with the City of Tulsa.
5. The bidder shall show in the proposal both the unit prices and total amount, where required, of each item listed. In the event of error or discrepancy in the mathematics, the unit prices shall prevail.
6. Any exceptions or deviations from written specifications shall be shown in writing and attached to the bid form.
7. Each bidder agrees to comply with the terms of Title 5, Chapter 1, of Tulsa, Oklahoma Charter and revised ordinances relating to equal employment opportunity.
8. **THE ENCLOSED FORMS REGARDING NON-COLLUSION AND FINANCIAL INTEREST MUST BE SIGNED, NOTARIZED, AND RETURNED WITH THE BID.**
9. The City of Tulsa reserves the right to reject any and all bids, to waive any technicalities in the bidding, and to award each item to different bidders or all items to a single bidder.
10. All bids must be accompanied by bidders bond, cash, certified or cashier's check in the amount shown on the face of the bid form. This amount shall be retained by the City of Tulsa as liquidated damages in the event the successful bidder (or bidders) fails to execute a contract, if required. The bidder agrees that said amount is presumed to be the damages sustained by the City due to the impracticability and extreme difficulty in fixing the actual damages. The office of the City Clerk will return the bid deposits to the unsuccessful bidders, after a contract has been awarded or all bids have been rejected.
11. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of invoice, the date of receipt of all material covered by the purchase order, or the date of receipt by the City of Tulsa of the original copy of the purchase order with properly executed Affidavit of Claimant, whichever is the later date.
12. Direct purchase of certain items of equipment or material by the City of Tulsa are exempt from Federal Excise Tax and Oklahoma Sales Tax. In such cases the bidder shall quote prices which do not include Federal Excise Tax and Oklahoma Sales Tax. The City of Tulsa will furnish executed exemption certificates upon presentation by the bidder at the time of purchase.
13. Bid must show number of days required for delivery under normal conditions. Failure to state delivery time obligates bidder to complete delivery in fourteen (14) calendar days. Unrealistically short or long delivery promises may cause bid to be disregarded. Contractor must keep Purchasing Department advised at all times of status of order. Default in promised delivery or failure to meet specifications authorizes the Purchasing Agent to purchase supplies elsewhere and charge full increase of cost and handling to defaulting contractor. Consistent failure to meet delivery promises without valid reason may cause removal from bid list.
14. Bidder agrees to defend and save City of Tulsa from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patent relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
15. If the bid requires a written contract, the successful bidder shall execute a written contract with the City of Tulsa and return the required bonds and insurance certificates within ten (10) days after submission of contracts to said bidder by the City.



# BIDDER AFFIDAVIT - TITLE 74 O.S. (1974 SUPP.) 85.22-85.25

STATE OF \_\_\_\_\_ COUNTY OF \_\_\_\_\_

\_\_\_\_\_, of lawful age, being first duly sworn on oath says  
**Authorized Agent**

1. (s)he is the duly authorized agent of \_\_\_\_\_, the bidder submitting the competitive bid which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of collusion among bidders and between bidders and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to the bid to which this statement is attached.
2. (s)he is fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached and has been personally and directly involved in the proceedings leading to the submission of such bid; and
3. neither the bidder nor anyone subject to the bidder's direction or control has been a party;
  - a. to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding,
  - b. to any collusion with any municipal official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract, nor
  - c. in any discussions between bidders and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

\_\_\_\_\_  
SIGNATURE OF AUTHORIZED AGENT

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Signature of Notary Public

\_\_\_\_\_  
MY COMMISSION EXPIRES

**The Bidder Affidavit must be completed, signed by an authorized agent, and notarized.**

# CONTRACTOR/BIDDER INFORMATION SHEET

To be completed by all Bidders  
For Contracts with the City of Tulsa  
(Please print or type)

Project No. or Description \_\_\_\_\_  
\_\_\_\_\_

Full Name of Bidder \_\_\_\_\_

Legal Identity  
(Corporation, Partnership,  
Individual, etc.) \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Telephone No. \_\_\_\_\_

FAX No. \_\_\_\_\_

Taxpayer Identification Number \_\_\_\_\_

Contact Person \_\_\_\_\_

Phone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

E-mail address \_\_\_\_\_

Webpage Address \_\_\_\_\_

## Price Sheet Summary

Vendor Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

**You will be able to obtain a copy of the Bid Summary on the City of Tulsa's Purchase-Net Fax-on-Demand and Website shortly after bid opening.**

ITEM	QTY.	DESCRIPTION	UNIT PRICE	TOTAL
1	60	C.I. SLEEVE (MECH.) 12"x12" AS PER BID SPECIFICATIONS:	\$	\$
2	70	FULL CIRCLE COUPLING 8"x10" AS PER BID SPECIFICATIONS:	\$	\$
3	50	FULL CIRCLE COUPLING 12"x 15" AS PER BID SPECIFICATIONS:	\$	\$
4	20	C.I. BELL JOINT CLAMP 12" AS PER BID SPECIFICATIONS:	\$	\$

GRAND TOTAL \$ \_\_\_\_\_

# **BID 01-301 CAST IRON FITTINGS FOR THE CITY OF TULSA**

## **INTENT**

THE INTENT OF THESE SPECIFICATIONS IS TO SET MINIMUM REQUIREMENTS, NOT TO OTHERWISE LIMIT BIDDING FOR THE SUPPLY OF **CAST IRON FITTINGS FOR THE CITY OF TULSA.**

## **METHODS OF SAMPLING, INSPECTIONS & TESTS**

1. AFTER BID RESULTS ARE TABULATED, THE CITY OF TULSA PURCHASING DIVISION RESERVES THE RIGHT TO REQUIRE SAMPLES OF SELECTED EQUIPMENT AND/OR SUPPLIES FOR INSPECTION AND EVALUATION. EQUIPMENT SAMPLES MAY BE DEMONSTRATOR MODELS WITH EQUIPMENT SIMILAR BUT NOT NECESSARILY IDENTICAL TO THAT LISTED IN THIS SPECIFICATION.
2. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR PURCHASE ORDER, THE SUPPLIER SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ALL INSPECTION AND TEST REQUIREMENTS NECESSARY TO INSURE COMPLIANCE WITH REQUIREMENTS FOR THIS SPECIFICATION. THIS DOES NOT PRECLUDE SUBSEQUENT INSPECTION AND TESTIMONY BY THE CITY OF TULSA TO FURTHER DETERMINE CONFORMANCE WITH SPECIFICATION REQUIREMENTS OF QUALITY STANDARDS OF WORKMANSHIP, MATERIAL AND CONSTRUCTION TECHNIQUES.

## **DELIVERY AND SPECIAL INSTRUCTIONS**

THE SUCCESSFUL BIDDER(S) SHALL DELIVER THE THE EQUIPMENT AND/OR SUPPLIES AT THEIR EXPENSE, TO THE LOCATION(S) SPECIFIED BY THE CITY.

## **ADDENDA AND INTERPRETATIONS**

IF IT BECOMES NECESSARY TO REVISE ANY PART OF THIS BID, A WRITTEN ADDENDUM WILL BE PROVIDED TO ALL THE BIDDERS. THE CITY OF TULSA IS NOT BOUND BY ANY ORAL REPRESENTATION, CLARIFICATIONS OR CHANGES MADE IN THE WRITTEN

SPECIFICATIONS BY CITY OF TULSA EMPLOYEES UNLESS SUCH CLARIFICATION OR CHANGE IS PROVIDED TO BIDDERS IN WRITTEN ADDENDUM FORM FROM THE PURCHASING DIVISION.

**ALTERING BIDS**

BIDS CANNOT BE ALTERED OR AMENDED AFTER SUBMISSION DEADLINE. ANY INTERLINEATION, ALTERATION, OR ERASURE MADE BEFORE OPENING TIME AND DATE MUST BE INITIALED BY THE SIGNER OF THE BID, GUARANTEEING AUTHENTICITY. BIDS MUST BE SUBMITTED IN INK OR TYPEWRITTEN, PENCILING WILL NOT BE ACCEPTED.

**EMPLOYMENT DISCRIMINATION BY CONTRACTOR PROHIBITED**

A. DURING THE PERFORMANCE OF THIS CONTRACT, THE CONTRACTOR AGREES AS FOLLOWS:

(1) THE CONTRACTOR WILL NOT DISCRIMINATE AGAINST ANY EMPLOYEE OR APPLICANT FOR EMPLOYMENT BECAUSE OF RACE, RELIGION, COLOR, SEX OR NATIONAL ORIGIN, EXCEPT WHERE RELIGION, SEX OR NATIONAL ORIGIN IS A BONA FIDE OCCUPATIONAL QUALIFICATION REASONABLY NECESSARY TO THE NORMAL OPERATION OF THE CONTRACTOR. THE CONTRACTOR AGREES TO POST IN CONSPICUOUS PLACES, AVAILABLE TO EMPLOYEES AND APPLICANTS FOR EMPLOYMENT, NOTICES SETTING FORTH THE PROVISION OF THIS NON-DISCRIMINATION CLAUSE.

(2) THE CONTRACTOR, IN ALL SOLICITATIONS OR ADVERTISEMENTS FOR EMPLOYMENT PLACED BY OR ON BEHALF OF THE CONTRACTOR, WILL STATE THAT SUCH CONTRACTOR IS AN EQUAL OPPORTUNITY EMPLOYER.

(3) NOTICES, ADVERTISEMENTS AND SOLICITATIONS PLACED IN ACCORDANCE WITH FEDERAL LAW, RULE OR REGULATION SHALL BE DEEMED SUFFICIENT FOR THE PURPOSE OF MEETING THE REQUIREMENTS OF THIS SECTION.

B. THE CONTRACTOR WILL INCLUDE THE PROVISION OF THE FOREGOING PARAGRAPHS OF THIS SECTION IN EVERY SUBCONTRACT OR PURCHASE ORDER OF OVER \$10,000, SO THAT THE PROVISIONS WILL BE BINDING UPON EACH SUBCONTRACTOR OR VENDOR.

**AWARD OF BID**

THE BID SHALL BE AWARDED TO THE FIRM WHOSE PROPOSAL IS RESPONSIVE TO THE BID AND IS MOST ADVANTAGEOUS TO THE CITY, CONSIDERING THE FACTORS IDENTIFIED IN THE BID AND SECTION 406E OF TITLE 6, THE PURCHASING ORDINANCE SET FORTH BELOW:

E. AWARD OF CONTRACT.

1. AUTHORITY OF MAYOR. THE MAYOR SHALL HAVE THE AUTHORITY TO AWARD CONTRACTS WITHIN THE PURVIEW OF THIS CHAPTER.

2. LOWEST SECURE BIDDER. CONTRACTS SHALL BE AWARDED TO THE LOWEST SECURE BIDDER MEETING SPECIFICATIONS. IN DETERMINING "LOWEST SECURE BIDDER", IN ADDITION TO PRICE, THE FOLLOWING FACTORS SHALL BE CONSIDERED:

A. THE ABILITY, CAPACITY AND SKILL OF THE BIDDER TO PERFORM THE CONTRACT OR PROVIDE THE SERVICE REQUIRED;

B. WHETHER THE BIDDER CAN PERFORM THE CONTRACT OR PROVIDE THE SERVICE PROMPTLY OR WITHIN THE TIME SPECIFIED, WITHOUT DELAY OR INTERFERENCE;

C. THE CHARACTER, INTEGRITY, REPUTATION, JUDGMENT, EXPERIENCE AND EFFICIENCY OF THE BIDDER;

D. THE QUALITY OF PERFORMANCE OF PREVIOUS CONTRACTS OR SERVICES;

E. THE PREVIOUS AND EXISTING COMPLIANCE BY THE BIDDER WITH LAWS AND ORDINANCES RELATING TO THE CONTRACT OR SERVICE;

F. THE SUFFICIENCY OF THE FINANCIAL RESOURCES AND ABILITY OF THE BIDDER TO PERFORM THE CONTRACT OR PROVIDE THE SERVICE;

G. THE QUALITY, AVAILABILITY AND ADAPTABILITY OF THE SUPPLIES OR CONTRACTUAL SERVICES TO THE PARTICULAR USE REQUIRED;

H. THE ABILITY OF THE BIDDER TO PROVIDE FUTURE MAINTENANCE AND SERVICE FOR THE USE OF THE SUBJECT OF THE CONTRACT, AND;

I. WHERE AN EARLIER DELIVERY DATE WOULD BE OF GREAT BENEFIT TO THE REQUISITIONING AGENCY, THE DATE AND TERMS OF DELIVERY MAY BE CONSIDERED IN THE BID AWARD, AND;

J. THE NUMBER AND SCOPE OF CONDITIONS ATTACHED TO THE BID.

K. IF A POINT SYSTEM HAS BEEN UTILIZED IN THE BID SPECIFICATIONS, THE NUMBER OF POINTS EARNED BY THE BIDDER.

### **BID DOCUMENTS**

**BIDDER SHALL RETURN ALL BID DOCUMENTS ( 12 PAGES) INTACT EXACTLY AS FURNISHED IN IT'S ORIGINAL FORM. ALL BID DOCUMENTS REQUIRING SIGNATURE MUST BE SIGNED BY AN AUTHORIZED AGENT OF THE COMPANY BIDDING. PRINTING YOU NAME IN LIEU OF SIGNATURE WILL NOT BE ALLOWED. FAILURE TO COMPLY WILL RESULT IN REJECTION OF YOUR BID.**

**SPECIFICATION NOTES:**

1. Only **Rockwell, Powerseal, Mueller, or JCM Ind.** Full Circle Couplings will be accepted.
2. C. I. Bell Joint Clamps must be **Smith-Blair or Dresser** brand.

**SPECIFICATIONS FOR CAST IRON AND DUCTILE IRON FITTINGS**

Fittings shall conform to the American National Standard for Ductile-Iron and Gray-Iron Fittings, 3-inch through 48-inch, ANSI/AWWA C110; or the American National Standard for Ductile-Iron Compact Fittings, 3" through 12" ANSI/AWWA C153. Fittings larger than 12" must be C110. The length of all solid sleeves (both AWWA C110 and C153) shall be the longest length listed in the AWWA C110 specification (12-inch length for 3-inch through 12-inch sleeves, 15-inch length for 14-inch through 24-inch sleeves, and 24-inch length for 30-inch through 48-inch sleeves). All fittings shall be bituminous coated outside and cement-mortar lined inside with seal coat in accordance with American National Standard for Cement Mortar Lining for Ductile-Iron and Gray-Iron Pipe and Fittings for Water, ANSI/AWWA C104/A21.4.

Where mechanical joints and push-on joints are specified, they shall conform to the American National Standard for Rubber Gasket Joints for Ductile-Iron and Gray-Iron Pressure Pipe and Fittings, ANSI/AWWA C111/A21.11.

Flange joints if specified shall conform to the American National Standard for Cast Iron Pipe Flanges and Flanged Fittings, ANSI B16.1.

Tapping sleeves where specified, shall be 150 psi working pressure and have a cast iron body conforming to ANSI/AWWA C110. The sleeve shall have mechanical joints conforming to ANSI/AWWA C111 on the run and a flange branch conforming to ANSI B16.1, Class 125. The ends gaskets shall be natural rubber or neoprene material conforming to ANSI/AWWA C111. Tapping sleeves must be Mueller, Clow, American, or equal.

Blind flanges where specified, shall be fabricated from material as specified under ANSI/AWWA C200.

Joint restrainers where specified, shall be a wedge action type restrained joint assembly equal to the Megalug Series 1100. Screw type retainer glands will not be acceptable.

Full circle clamp couplings where specified shall be furnished with stainless steel nuts and bolts. Stainless steel bolts and/or nuts must be coated to prevent galling. Only the following brands of full circle clamp couplings will be accepted: Rockwell, Powerseal, Mueller, or JCM Ind.

*Bidder must specify the make and model and supply specification literature covering the item(s) bid.* All fittings shall be complete with necessary accessories. Unless otherwise specified above, bolts for cast iron and/or ductile iron fittings shall be carbon steel ANSI/ASTM A307, Grade A only, in accordance with ANSI/AWWA C207.

**Note: All accessories provided including nuts and bolts must come complete with fitting(s) from the manufacturer to insure tolerances are met.**