

CITY OF SAN ANGELO REQUEST FOR BIDS

WATER DISTRIBUTION PARTS & SUPPLIES

RFB No. WU-04-14



City of San Angelo
72 West College Avenue
San Angelo, Texas 76903

Submittal Deadline
June 19, 2014 / 2:00 PM, Local Time

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CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219 or 657-4220

INVITATION TO BID

General

The Water Utilities Division of the City of San Angelo is requesting bids for Water Distribution Parts and Supplies.

Document Availability

Bid Documents are available in the Purchasing Division or may be downloaded at the City's website at www.cosatx.us. To locate the documents on the website go to:

www.cosatx.us> Bid Information> RFB: WU-04-14/Water Dist. Parts & Supplies

Digital Format

If Respondents obtained the bid specifications in digital format in order to prepare a proposal, ***the bid must be submitted in hard*** copy according to the instructions contained in this bid package. If, in its bid response, Respondents makes any changes whatsoever to the published bid specifications, the bid specification ***as published*** shall control. Furthermore, if an alteration of any kind to the bid specification is discovered after the contract is executed and is or is not being performed; the contract is subject to immediate cancellation without recourse.

No Bid Reply Form

If for any reason, you are not submitting a bid/proposal, please complete the NO REPLY form, located in the Bid Forms section, and return the form to us either by mail or by email to sapurch@cosatx.us in order to remain in our vendor database.

Deadline and Delivery Location

Sealed Request for Bids (RFB) submittals must be received by later than **June 19, 2014, 2:00 PM, Local Time**. The clock located in Purchasing will be the official time. Bids not received on time will be rejected.

***It is the sole responsibility of the bidder to ensure that the sealed RFB submittal arrives at the by the specified deadline regardless of method chosen by the firm for delivery.
Faxed or electronically submitted bids will not be accepted.***

Copies

Submit: One (1) unbound original (binder clips acceptable), one (1) bound copy (binders, staples or binder clips are acceptable) and one(1) digital Bid Sheet in Excel format on CD or USB Flash Drive & digital (pdf) copies of all required bid forms.

Delivery Addresses

USPS: City of San Angelo
Purchasing Division,
RFB: WU-04-14
72 West College Avenue
San Angelo, Texas 76903

Delivery Services: City of San Angelo
Purchasing Division,
RFB: WU-04-14
72 West College Avenue, Suite 330
San Angelo, Texas 76903

Mark Sealed Bid Envelope: "RFB NO. WU-04-14/ Water Dist. Parts & Supplies"

Addenda

Should specifications be revised prior to the deadline for submittals, the City's Purchasing Division will issue an addendum addressing the nature of the change. Respondents must **acknowledge any addendums and return the form with their bid package**. Addenda will be posted on the City's website as they are issued. Bidder is responsible for contacting the City or checking the City's website to determine if any addendums have been issued prior to submitting a bid. Failure to consider all addendums will be at the bidder's risk.

Rejection of Bids

The City of San Angelo reserves the right to reject all bids, to waive informalities or irregularities and to reject non-conforming, non-responsive, or conditional bids.

Points of Contact

**Darlene Luna, CTPM, Purchasing Specialist
Purchasing Division**

City of San Angelo
72 West College Avenue
San Angelo Texas, 76903
Email: darl.luna@cosatx.us
Telephone: (325) 657-4219

**Simon Cuellar, Superintendent
Water Distribution**

City of San Angelo
72 West College Avenue
San Angelo Texas, 76903
Email: simon.cuellar@cosatx.us
Telephone: (325) 657-4295



1. INSTRUCTIONS TO BIDDERS

1.1. Interpretations

All questions about the meaning or intent of the Contract Documents, including specifications shall be submitted to the Purchasing Division in writing to the Purchasing Department, City of San Angelo, 72 West College Avenue, San Angelo, TX 76903 or emailed to sapurch@cosatx.us. Replies will be issued by Addenda and posted on the City's website. Questions received less than five (5) days prior to the date for opening of Bids will not be answered. Only questions answered by formal written Addenda will be binding. Oral interpretations or clarifications will be without legal effect. The bid invitation number must appear on all correspondence, inquiries, etc. It is the bidders' responsibility to ensure all addendums have been considered prior to bidding.

1.2. Corrections, Additions, or Deletions

Corrections, additions, or deletions to any portion of the RFB will be in the form of a written amendment or addendum. Written amendments or addendums shall be considered a part of the contract documents.

1.3. Confidentiality

All bids submitted shall remain confidential. After award, proposals will be made available for public inspection. The City shall not be responsible for the confidentiality of any trade secrets or other information contained or disclosed in the proposal unless clearly identified as such.

1.4. Acceptance of Proposal Content

Before submitting a proposal, each Bidder shall make all investigations and examinations necessary to ascertain all conditions and requirements affecting the performance of the contract and to verify any representations made by the City upon which the proposal will rely. If the Bidder receives an award, failure to have made such investigation and examinations will in no way relieve the Bidder from his obligation to comply in every detail with all provisions and requirements.

1.5. Specifications

The specifications herein shall be the basis of comparison and where a definite item is specified it is not the intention to discriminate against any product made by another manufacturer, but rather, the intention is to set a definite standard, style, and function. Bidders are required to quote equipment that will meet or exceed the minimum or maximum specifications herein.

1.6. Substitutions

It is the intention of the City of San Angelo to purchase equipment similar or equal to that specified. **Variation from the specification must be noted in bid by bidder. Absence of noted variations will be interpreted to mean that the item quoted is in exact accordance with the specification.** Each bidder, if not bidding on specified equipment, is required to furnish with his bid, a complete detailed description, and specifications of each item upon which he is bidding, supported by the manufacturer's catalog, photographs, guarantee, complete name, and any other pertinent information. An "or equal" item must reflect the general appearance, design, dimensions, or color of the item specified. Samples, if required, shall be furnished free of expense to the City. Samples not used or destroyed in examination and testing will be returned to the bidder, if requested, at the bidder's expense. Each sample must be marked with Bidder's name, address, and Bid Number reference. Approval of substitute "or equal" items remains with the City and in all cases is final. In the event an item is not accepted as an "or equal", the City may allow the vendor to supply the remaining items meeting specifications at the bid price.

1.7. Materials

The bidder certifies all materials and equipment supplied resulting from this bid invitation shall be new and unused, unless noted elsewhere in the invitation.

1.8. Bid Items

Bidders are expected to examine all specifications, drawings, standard provisions, and instructions. FAILURE to do so will be at the bidder's risk. Bids are to be submitted on each item and total extended, however more than one bid may be submitted on products meeting the specifications.

1.9. Taxes

All bids are to be submitted less Federal Excise and State of Texas Sales Taxes. Tax exemption certificates will be executed upon request.

1.10. Authorized Signature

Bids must show vendor name, address, and be manually signed. The person signing the bid must have authority to bind his firm in a contract. Any erasures or other changes must be initialed by the person signing the offer.

1.11. Modification or Withdrawal of Bids

Bid pricing **CANNOT** be altered or amended after the closing time. Bids may be modified or withdrawn prior to the closing hour and date by written notice to the Purchasing Division. A bid may also be withdrawn in person by a bidder or his authorized agent, provided his identity is made known and he signs a receipt for the bid. No bid may be withdrawn after the closing time and date without acceptable reason in writing and with approval of the Purchasing Division.

1.12. Prices

Bidder is to quote its lowest and best price Free On Board (F.O.B.) destination on each item to shipping location in San Angelo, Texas unless otherwise specified in the invitation. Pricing shall include packaging, transportation, unloading, and any trade and cash discounts will be taken, if earned. Bids must be firm, however if a bidder believes it necessary to base its price on price adjustment, such a bid may be considered, but only as an alternate bid. Pricing is to be submitted on units of quantity specified with extended totals, however in the event of a discrepancy in extension, the unit prices shall govern. Pricing shall be entered on the Bid Sheet in ink or typewritten.

1.13. Delivery Date

Bid must show the number of calendar days required to place the materials at the place of destination under normal conditions. Failure to specify delivery date or state unrealistically short or long delivery dates may cause the bid to be disregarded.

1.14. Default in Delivery

The vendor must keep the City advised at all times as to the status of the order. When delivery delay can be foreseen, the vendor shall give prior notice to the Purchasing Division who shall have the right to extend the delivery date if reasons for delay are reasonable and acceptable. Default in promised delivery, without acceptable reasons, or failure to meet specifications without remedy shall cause the City to purchase the goods elsewhere, and charge any increase in cost and handling to the defaulting vendor. This does not limit any other remedies to the City for damage entitled under the Uniform Commercial Code.

1.15. Delivery Times

Deliveries will be accepted only during normal working hours, i.e.; **7:00 a.m. to 3:30 p.m.**, Monday thru Friday, unless prior arrangements have been made. For large orders, 24 hours notice to the Receiving Department is required to eliminate delays in delivery.

1.16. Evaluation Factors

It is **not** the policy of the City to purchase on the basis of low bids alone. In evaluating bids, the following considerations shall be taken into account to determine the "best value" for the City.

- A. the purchase price, including reasonable payment discounts;
- B. the reputation of the vendor and of the vendor's goods or services;
- C. the quality of the vendor's goods or services;
- D. the extent to which the goods or services meet the City's needs;
- E. the vendor's past relationship with the City
- F. the impact on the ability of the City to comply with laws and rules relating to historically underutilized businesses;
- G. the total long-term cost to the City to acquire the vendor's goods or services; and
- H. any other relevant factor specifically listed in the request for bids and proposals.

1.17. Disqualification

The bidder may be disqualified for any of the following reasons:

- The bidder is involved in any litigation against the City of San Angelo;
- The bidder is in arrears on any existing contract or has defaulted on a previous contract with the City;
- The bidder is debarred, suspended, or otherwise excluded from or ineligible for participation in State or Federal assistance programs.

1.18. Closing Time & Date

All bids must be returned in sufficient time to be received in the Purchasing Division on or before the advertised closing date and time. Emailed or Faxed bids will not be accepted.

1.19. Late Bids

Bids received after the bidding deadline, regardless of the mode of delivery, will be not be considered.

1.20. Copies of Bid Tabulation Results

Bids Tabulations can be downloaded from the City website COSATX.US > Bid Information (or Bid Tabs) > RFB #, or send a self-addressed stamped envelope to: Purchasing Division, City of San Angelo, 72 W. College Ave., San Angelo, Texas 76903 or email darlene.luna@cosatx.us.

1.21. Award of Contract

The City reserves the right to accept or reject any or all bids, and to waive any informalities or irregularities in the RFB process. The City is an equal opportunity employer.

1.22. Partial Award

Bidders may furnish pricing for all or any portion of the bid invitation. UNLESS bidder specifies otherwise in his bid, the City may award contracts for any item or group of items listed.

1.23. Reservations

The City expressly reserves the right to accept, reject, or cancel all bids AND:

- A. Waive any defect, irregularity, or informality in any bid or bidding procedure.
- B. Extend the bid closing time and date.
- C. Reissue a bid invitation or proposal.
- D. Procure any item by other means.
- E. Increase or decrease the quantity specified, unless the bidder specifies otherwise.
- F. Waive as an informality, minor deviations from specifications at a lower price than the low bid meeting all aspects of the specifications and consider it, if it is determined that total cost is lower and overall function is improved or not impaired.
- G. Consider and accept an alternate bid as provided herein when most advantageous to the City.
- H. Extend any contract when most advantageous to the City.
- I. The City reserves the right to award multiple contracts based on low bids for individual items or groups of similar items.

1.24. Acceptance

Acceptance of bidder's offer will be in the form of a purchase order or contract. Notice for annual contract agreements will be a notice of award, purchase order, or contract.

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2. TERMS AND CONDITIONS

2.1. Order Placement

No order shall be accepted without a Purchase Order and all invoices must reflect the Purchase Order number.

City's obligation is payable only and solely from funds available for the purpose of this purchase. Lack of funds shall render this contract null and void to the extent funds are not available and any delivered but unpaid for goods will be returned to Seller by City. Accepting orders without a Purchase Order number shall be at the risk of the vendor.

2.2. Seller to Package Goods

The seller will package goods in accordance with good commercial practice. Each shipping container shall be clearly and permanently marked as follows:

- A. Seller's name and address.
- B. Consignee's name and address
- C. Purchase Order or purchase release number, and the supply agreement number if applicable.
- D. Container number and total number of containers, e.g., box 1 of 4 boxes.
- E. The number of the container bearing the packing slip. Seller shall pay cost of packaging unless otherwise provided. Goods shall be suitably packed to secure lowest transportation costs and to conform to the requirements of common carriers and any applicable specifications. City's count or weight shall be final and conclusive on shipments not accompanied by packing lists.

2.3. Shipment under Reservation Prohibited

Seller is not authorized to ship the goods under reservation and no tender of a bill of lading will operate as a tender of goods.

2.4. Title & Risk of Loss

F.O.B. Destination - The title and risk of loss of the goods shall not pass to City until City actually receives and takes possession of the goods at the point or points of delivery.

2.5. Delivery Terms and Transportation Charges

F.O.B. destination unless delivery terms are specified in Seller's bid, or actual costs, whichever is lower, if the quoted delivery terms do not include transportation costs, provided City shall have the right to designate what method of transportation shall be used to ship the goods. Delivery may be a consideration in the award when shown to be a benefit to the City.

2.6. No Replacement of Defective Tender

Every tender or delivery of goods must fully comply with all provisions of this contract as to the method and place of delivery, quality and the like. If a tender is made which does not fully conform, this will constitute a breach and Seller will not have the right to substitute a conforming tender, provided, where the time for performance has not yet expired, the Seller may reasonably notify City of his intention to cure and may then make a conforming tender within the contract time.

2.7. Place of Delivery

The place of delivery shall be that set forth in the block of the purchase order entitled "Receiving Agency". The terms of this agreement are "no arrival, no sale".

2.8. Invoices & Payments

Seller shall submit separate invoices, in duplicate, on each purchase order or purchase release after or at the time of each delivery. Invoices shall indicate the purchase order or purchase release number and the supply agreement number, if applicable. Invoices shall be itemized and they shall list transportation charges, if any, separately. A copy of the bill of lading, and the freight waybill, when applicable, should be attached to the invoice. Payment shall not be due until the above instruments are submitted on or after delivery. If invoices are not included in the delivery package then they should be mailed to the ordering department.

No order must be accepted without a Purchase Order and all invoices must reflect the Purchase Order number.

Payment may be withheld by City, at the discretion of the City, to Seller until all required documents pertaining to the sale are received by the City.

All invoices should be mailed to:

**Billing Address Water Distribution
City Of San Angelo
1948 St. Ann St.
San Angelo, Texas 76905**

2.9. Gratuities

The City may, by written notice to the Seller, cancel this contract without liability to Seller if it is determined by City that gratuities were offered from an agent or representative of the Seller to any officer or employee of the City with a view toward securing a contract or securing favorable treatment with respect to the awarding or amending, or the making of any determinations in respect to the performing of such contract. In the event this contract is canceled by City, remedies to recover or withhold the amount of the cost shall be incurred by Seller in providing such gratuities.

2.10. Special Tools & Test Equipment

If the price stated on the face hereof includes the cost of any special tooling or special test equipment fabricated or required by Seller for the purpose of filling this order, such special tooling equipment and any drawings or related documents thereto shall become the property of the City and to the extent feasible shall be identified by the Seller as such.

2.11. Warranty-Price

The price to be paid by the City shall be that contained in Seller's bid which Seller warrants to be no higher than seller's current prices on orders by others for products of the kind and specifications covered by this agreement for similar quantities under similar or like conditions and methods of purchase. In the event Seller breaches this warranty, the prices of the items shall be reduced to the Seller's current prices on orders by others, or in the alternative, reduced to the Seller's current prices on orders by others, or in the alternative, City may cancel this contract without liability to seller for breach or Seller's actual expense.

The Seller warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for commission, percentage, brokerage, or contingent fee excepting bona fide employees of bona fide established commercial or selling agencies maintained by the Seller for the purpose of securing business. For breach or violation of the warranty, the City shall have the right in addition to any other right or rights to cancel this contract without liability and to deduct from the contract price, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

2.12. Warranty-Product

Seller shall not limit or exclude any implied warranties and any attempt to do so shall render this contract voidable at the option of the City. Seller warrants that the goods furnished will conform to the specifications, drawings, and descriptions.

2.13. Safety Warranty

Seller warrants that the product sold to City shall conform to the standards promulgated by the U.S. Department of Labor under the Occupational Safety and Health Act (OSHA). In the event the product does not conform to OSHA standards, City may return the product for correction or replacement at the Seller's expense. In the event Seller fails to make the appropriate correction within a reasonable time, correction made by City will be at Seller's expense.

2.14. No Warranty by City against Infringements

As part of this contract for sale, Seller agrees to ascertain whether goods manufactured in accordance with the specifications attached to this agreement will give rise to the rightful claim of any third person by way of infringement or the like. City makes no warranty that the production of goods according to the specification will not give rise to such a claim, and in no event shall City be liable to Seller for indemnification in the event that seller issued on the grounds of infringement or the like. If Seller is of the opinion that an infringement or the like will result, he will notify City to this effect in writing within two weeks after the signing of the agreement. If City does not receive notice and a claim of infringement is made, Seller will indemnify, defend, and hold harmless City, its Council members, officials, agents, consultants, and employees free and harmless from and against any and all claims, suits, judgments, costs, penalties, fines, damages, and attorneys' fees and expenses asserted by any person or persons. If Seller, in good faith, ascertains that production of the goods in accordance with the specifications will result in infringement or the like, this contract shall be void.

2.15. Right of Inspection

City shall have the right to inspect the goods at delivery before accepting them. Acceptance of the goods upon delivery should in no way constitute a waiver of any right or privilege contained with this contract or under law.

2.16. Cancellation

City shall have the right to cancel for default all or any part of the undelivered portion of the order if Seller breaches any of the terms hereof including warranties of Seller or if the Seller becomes insolvent or commits acts of bankruptcy. Such right of cancellation is in addition to and not in lieu of any other remedies which City may have in law or equity.

2.17. Termination

Performance under this contract may be terminated in whole, or in part by the City in accordance with this provision. Termination performance hereunder shall be effected by the delivery to seller of a "Notice of Termination" specifying the extent to which performance under this contract is terminated and the date upon which such termination becomes effective.

2.18. Force Majeure

Neither party shall be held responsible for losses resulting if the fulfillment of any terms or provisions of this contract is delayed or prevented by any cause not within the control of the party whose performance is interfered with, which by the exercise of reasonable diligence said party is unable to prevent.

2.19. Assignment-Delegation

No right or interest in the contract shall be assigned nor shall any delegation of any obligation made by Seller be valid without the written permission of the City. Any attempted assignment or delegation by Seller shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

2.20. Waiver

No claim or right arising out of a breach of this contract can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party.

2.21. Modifications

This contract can be modified or rescinded only by a writing signed by both of the parties or their duly authorized agents.

2.22. Interpretation-Parol Evidence

This writing is intended by the parties as a final expression of their agreement and is intended as a complete agreement for dealings between the parties and no usage of the trade shall be relevant to supplement or explain any term used in this agreement. Acceptance or acquiescence in a course of performance rendered under this agreement shall not be relevant to determine the meaning of this agreement even though the accepting or acquiescing party has knowledge of the performance and opportunity for objection. Whenever a term defined by the Uniform Commercial Code is used in the agreement, the definition contained in the Code is to control.

2.23. Applicable Law

This agreement shall be governed by the Uniform Commercial Code. Whenever the term "Uniform Commercial Code" is used, it shall be construed as meaning the Uniform Commercial Code as adopted in the State of Texas as effective and in force on the date of this agreement.

2.24. Advertising

Seller shall not advertise or publish, without City's prior consent, the fact that City has entered into this contract, except to the extent necessary to comply with proper requests for information from an authorized representative of the Federal, State, or Local government.

2.25. Right to Assurance

Whenever one party to this contract in good faith has reason to question the other party's intent to perform, he may demand that the other party give written assurance of his intent to perform. In the event that a demand is made and no assurance is given within five (5) days, the demanding party may treat this failure as an anticipatory repudiation of the contract.

2.26. Equal Employment Opportunity

Seller agrees that during the performance of its contract it will:

Treat all applicants and employees without discrimination as to race, color, religion, sex, national origin, marital status, age, or handicap.

Identify itself as an "Equal Opportunity Employer" in all help wanted advertising or request. The Seller shall be advised of any complaints filed with the City alleging that Seller is not an Equal Opportunity Employer. The City reserves the right to consider its reports from its human relations administrator in response to such complaints in determining whether or not to terminate any portion of this contract for which purchase orders or authorities to deliver have not been included; however, the Seller is specifically advised that no Equal Opportunity Employment complaint will be the basis for cancellation of this contract for which a purchase order has been issued or authority to deliver granted.

All vendors must be Equal Opportunity Employers. Disadvantaged and Minority Bidders are encouraged to participate.

2.27. Conflict Of Interest

Seller agrees to comply with the conflict of interest provisions of the City Of San Angelo Charter and Code of Ordinances. Seller agrees to maintain current, updated disclosure of information on file with the Purchasing Dept. throughout the term of the contract.

2.28. Legal Venue

San Angelo, Tom Green County, Texas

2.29. Funds – Price

The seller submitting the lowest and best bid for each item will establish a price agreement with the City. The item(s) ordered will be selected based on the availability of funds, needs of each user, price, delivery, and value to the City. The City reserves the right to award in the bid in whole, by category or by product.

2.30. Claims for Overcharges

Seller hereby assigns to City any and all claims for overcharges associated with this contract which arise under the antitrust laws of the United States, 15 USCA Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

2.31. Piggy-Back Procurements

Other municipalities or public agencies in the State of Texas may be interested in purchasing products as procured through this solicitation.

Governmental Entities utilizing Inter-Governmental Contracts with the City will be eligible, but not obligated, to purchase materials/services under the contract(s) awarded because of this solicitation. All purchases by Governmental Entities other than the City will be billed directly to that Governmental Entity and paid by that Governmental Entity. The City will not be responsible for another Governmental Entity's debts. Each Governmental Entity will order their material/services as needed, e.g., Tom Green County, etc.

2.32. Escalation Review

Price must be firm for the each six (6) months of the one (1) year term. The vendor must notify the City within (15) days of the midpoint of the contract term to request a price review. Price increases shall at no time be more than what similar volume customers would pay (see **Warranty-Price**). The vendor must provide cost analysis and/or other documentation to justify any increase and will not exceed a 5% increase from the bid price. In like manner if production or component costs decrease a reduction in pricing would be expected.

The City Manager or his designee may approve a price increase at his or her full discretion. The increase must be justified in writing or by documentation from the vendor/supplier to the satisfaction and discretion of the City Manager or his designee.

2.33. Terms

This contract will be for one (1) year effective from the bid award date by the City Council. No extension to this contract will be offered.



3. BID FORMS

Submit:

Submit One (1) unbound original (binder clips acceptable), one (1) bound copy (binders, staples or binder clips are acceptable), **Digital** – return the **Bid Sheet in Excel on CD or USB Flash Drive**, and one (1) copy in PDF format on CD or USB Flash Drive of **all** required bid forms.

Submit all Bid Documents in the following order:

- ☐ Bid Documents (download the RFB and the Product Bid Sheet at: www.cosatx.us) **(Required)**
 - **Bid Submission Sheet**
 - Include one unbound (1) signed hard copy, one(1) bound copy , one (1) digital copy of all documents
 - & one (1) digital Bid Sheet in Excel on CD or USB Flash Drive.
- ☐ Sign and attach the Addendum Acknowledgment Form **(If applicable)**.
- ☐ Conflict of Interest of Form **(Required)**
- ☐ Local Preference form **(If applicable)**
- ☐ Vendor Compliance With Reciprocity On Non-Resident Bidders **(Required)**
- ☐ Suspension and Debarment form **(Required)**
- ☐ Attach IRS Form W-9 **(Required)**
- ☐ All forms/documents as specified
- ☐ **No Bid Reply Form (if applicable)**

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CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219 or 657-4220

Addendum Acknowledgement

Receipt is hereby acknowledged of the following addenda to the Contract documents.

Addendum No. 1 dated _____	Received _____
Addendum No. 2 dated _____	Received _____
Addendum No. 3 dated _____	Received _____
Addendum No. 4 dated _____	Received _____
Addendum No. 5 dated _____	Received _____
Addendum No. 6 dated _____	Received _____

Please Print

Company Name

Signature

Printed Name

Title

Address

City, State Zip Code

THIS FORM MUST BE RETURNED WITH THE BID

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CITY OF SAN ANGELO
PURCHASING DEPARTMENT
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Disclosure of Certain Relationships

NOTICE TO VENDORS

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local governmental entity make certain disclosures concerning any affiliation or business relationship that might cause a conflict of interest with the local governmental entity. The provisions of Chapter 176 and the Form CIQ questionnaire that you must complete, if applicable, to comply with this new law, are available and explained in more detail at the Texas Ethics Commission website at <http://www.window.state.tx.us/procurement/prog/hub/>

A current list of City of San Angelo and City of San Angelo Development Corporation officers is available in the office of the City of San Angelo City Clerk, Room 201 of City Hall or on the City's website at <http://sanangelotexas.org>. If you are considering doing business with the City of San Angelo or the City of San Angelo Development Corporation and have an affiliation or business relationship that requires you to submit a completed Form CIQ, it must be filed with the records administrator (City Clerk) of the City of San Angelo not later than the 7th business day after the date you become aware of facts that require the form to be filed. See Section 176.006, Texas Local Government Code. It is a Class C misdemeanor to violate this provision.

By Submitting a response to a City of San Angelo or City of San Angelo Development Corporation Request for Proposals, Request for Bids, or Request for Qualifications or by conducting business with either of those two entities, you are representing that you are in compliance with the requirements of Chapter 176 of the Texas Local Government Code.

Roger S. Banks

Division Manager, Purchasing

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CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session

This questionnaire is being filed in accordance with chapter 176 of the Local Government Code by a person doing business with the governmental entity.

By law, this questionnaire must be filed with the records administrator of the local government entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowing violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

OFFICE USE ONLY

Date Received

1. Name of person doing business with local governmental entity.

2. ☐ Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

3. Name of local government officer with whom filer has affiliation or business relationship.

Name of Officer

This section, (item 3 including subparts A, B, C & D, must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

☐ Yes ☐ No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐ Yes ☐ No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of ten (10) percent or more?

☐ Yes ☐ No

D. Describe each employment of business relationship with the local government officer named in this section.

4.

Signature of person doing business with the governmental entity

Date

THIS FORM MUST BE RETURNED WITH THE BID

Local Government Officers of the City Of San Angelo

As defined by Chapter 176 of the Texas Local Government Code
(Revised 8/6/13)

For purposes of completion of the required Conflict of Interest Questionnaire for the City of San Angelo (required by all Vendors who submit bids/proposals), Local Government Officers are:

City of San Angelo City Council:

Mayor: Dwain Morrison, Mayor

- Council Members:
 - Mayor Pro-Tempore: Charlotte Farmer, SMD 6
 - Rodney Fleming, SMD 1
 - Marty Self, SMD 2
 - Johnny Silvas, SMD 3
 - Don Vardeman, SMD 4
 - Elizabeth Grindstaff, SMD5

City Manager: Daniel Valenzuela

City of San Angelo Development Corporation officers are:

- Scott Tankersley, President
- John Edward Bariou, Jr. - First Vice President
- Tony Villarreal - Second Vice President
- Daniel Anderson - Director
- Richard Crisp - Director
- Tommy Hiebert - Director
- Pedro Ramirez – Director

Executive Director: Roland Peña



CITY OF SAN ANGELO
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Local Preference Consideration

Section 271.9051 of the Texas Local Government Code "CONSIDERATION OF LOCATION OF BIDDERS PRINCIPAL PLACE OF BUSINESS":

In accordance with Section 271.9051 of the Texas Local Government Code, if a local government receives one or more competitive sealed bids from a bidder whose principal place of business is in the municipality and whose bid is within five (5%) percent of the lowest bid price received from a bidder who is not a resident of the municipality, the municipality may enter into a contract with (a) the lowest bidder or (b) the bidder whose principal place of business is in the municipality if the governing body of the local government determines, in writing, that the local bidder offers the local government the best combination of contract price and additional economic development opportunities for the local government created by the contract award, including the employment of residents of the local government and increased tax revenues to the local government.

Local Preference Consideration DOES NOT apply to Construction Projects, Telecommunication and Information Technology Bids or any purchases \$100,000.00 or greater.

If you DO NOT have your principal place of business located within the City of San Angelo city limits – STOP – do not fill out this form.

This "Application for Local Preference Consideration" does *not* mean that the City of San Angelo is limiting responses to this request for bids/proposals to only those businesses located within the city limits. All bids/proposals are welcome.

Bidders who wish to qualify under the local preferences law must have their principal place of business located within the San Angelo city limits.

If your principal place of business is within the San Angelo city limits and you want to apply for local preference consideration, then you must:

1. Complete the **Local Preference Consideration Application**, and
2. ***Describe in writing and attach supporting documentation***, the additional economic development opportunities for the City of San Angelo that will be created if you are awarded this contract. Include the number of City of San Angelo residents that you will employ to complete this contract and the increased tax revenues that will be generated for the City of San Angelo if you are awarded this contract.

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CITY OF SAN ANGELO
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Local Preference Consideration Application

Business Name: _____

Physical Address: _____

Mailing Address: _____

City: _____

Zip Code: _____

Business Type:

- ☐ Corporation – Indicate state of incorporation _____
- ☐ Partnership – Indicate “general” or “limited” _____
- ☐ Sole proprietorship _____

Basis For Preference (Check applicable box(s) if physical location of business is not within the City Limits of the City of San Angelo.

- ☐ The business is a partnership with residents of the City of San Angelo owning a majority beneficial interest in the partnership (Attach a list of partners with names and addresses).
- ☐ The business is a sole proprietorship owned by a resident of the City of San Angelo (Attach name and address of owner).

Economic Development: (Include Attachments)

- ☐ ***Describe in writing, and attach supporting documentation,*** the additional economic development opportunities for the City of San Angelo that will be created if you are awarded this contract.

Please include:

- Number of New Employees _____
- Number of Saved Positions _____
- Value of increased tax revenue to be generated if you are awarded this contract
\$ _____

CERTIFICATION: I hereby certify under penalty of perjury that the information which I have provided on this form is true and correct, that I am authorized to sign on behalf of the business set out above and if requested by the city will provide, within 10 days of notice, the necessary documents to substantiate the information provided.

(Please print)

Company Name

Printed Name

Address

Signature

City, State Zip Code

Title

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CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
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Vendor Compliance With Reciprocity On Non-Resident Bidders

Government Code 2252.002 provides that, in order to be awarded a contract as low bidder, a non-resident bidder must bid projects for construction, improvements, supplies or services in Texas at an amount lower than the lowest Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a non-resident bidder in order to obtain a comparable contract in the state in which the non-resident's principal place of business is located. A non-resident bidder is a contractor whose corporate offices or principal place of business is outside of the state of Texas. This requirement does not apply to a contract involving Federal funds. The appropriate blanks in Section A must be filled out by all out-of-state or non-resident bidders in order for your bid to meet specifications. The failure of out-of-state or non-resident contractors to do so will automatically disqualify that bidder. Resident bidders must check the blank in Section B.

- A. Non-resident vendors in _____(give state), our principal place of business, are required to be _____ percent lower than resident bidders by state law. A copy of the statute is attached.

Non-resident vendors in _____(give state), our principal place of business, are not required to underbid resident bidders.

- B. Our principal place of business, or corporate offices are in the State of Texas: _____.

BIDDER:

(Please print)

Company Name

Signature

Printed Name

Title

Address

City, State Zip Code

THIS FORM MUST BE RETURNED WITH THE BID

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CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219 or 657-4220

Debarment and Suspension Certification

- (1) The prospective primary participant certifies to the best of its knowledge and belief that it and its principals:
- (a) Are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective primary participant shall attach an explanation to this proposal.

(Please print)

Company Name

Signature

Printed Name

Title

Address

City, State Zip Code

THIS FORM MUST BE RETURNED WITH THE BID

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Instructions for Certification

1. By signing and submitting this proposal, the prospective participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the determination whether to enter into this transaction. However, failure of the prospective participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the City of San Angelo determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available, the City of San Angelo may terminate this transaction for cause.
4. The prospective participant shall provide immediate written notice to the City of San Angelo to which this proposal is submitted if at any time the prospective participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549(13 CFR Part 145). You may contact the City of San Angelo for assistance in obtaining a copy of these regulations.
6. The prospective participant agrees by submitting this proposal that, should the proposed transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the City of San Angelo.
7. The prospective participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment and Suspension" provided by the City of San Angelo, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the ineligibility of its principals. Each participant may, but is not required to, check the Non-procurement List.
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the City of San Angelo, the City of San Angelo may terminate this transaction for cause.

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4. SUPPLEMENTAL BID TERMS AND CONDITIONS

Detailed specifications for each item are listed in the Bid Sheet of this RFB.

- A. Bidder shall return completed "Request For Bids" cover sheet, including specification/ product sheets for items bid.
- B. **CONTRACT PERIOD:** Contract period shall be for one (1) year. The terms and conditions with the approval of the supplier and City of San Angelo, Water Utilities Director of his designee.
- C. **QUANTITIES:** Quantities listed are based on approximate six (6) month usage.
- D. **PRICING:** Price must be firm for the each six (6) months of the one (1) year term. The vendor must notify the City within (15) days of the midpoint of the contract term to request a price review. Any pricing adjustments requested through option period shall be based on bid price. Bidder shall list any discounts for early payment, 10 days or longer upon receipt of invoice. Supply quantities ordered shall be at unit price listed on bid sheet FOB destination (1948 St. Ann Street, San Angelo, Texas). ***Refer to Warrantee Price conditions***
- E. **DELIVERY:** Due to limited warehouse space, quantities shall be delivered as determined by the City of San Angelo and the successful bidder in order to maintain bid price. Bidders shall be able to make delivery of items ordered in accordance with delivery times stated on Bid. ***Time is of the essence in the delivery of this product.***
- F. **MATERIALS:** The brand names listed on the Bid exemplify approved specifications used by the City. Any deviations/alternatives from the brand names specified will require prior approval from the City's Water Distribution Department as meeting or exceeding the product specification standards signified by brands listed. Approval of alternative product must be *obtained* five (5) working days prior to bid opening. Alternative Bids not receiving prior approval will be **considered non-responsive.**
- G. Bidders shall fill in all blanks on specification sheet(s).
- H. The City of San Angelo has the right to order by time or items.
- I. **"All or none" bids are not acceptable.**
- J. All Mechanical Joint Fittings shall be Bid with Ebba & Ford restraint accessories & epoxy coated.
- K. All Flanged fittings shall be bid with bolt & gasket Accessories Kits.
- L. All Gate Valves & Fire Hydrants shall be Bid with Ebba & Ford restraint accessories
- M. All Brass Saddles shall be **Domestic Only.**
- N. **All Brass Fittings shall be no Lead and Domestic Only.**
- O. **Liquidated Damages**
Time is of the essence in the delivery of this product. If materials are not delivered by the promised delivery date, the City may elect to charge a 1 ½% late charge for each item that is 30 days past the promised delivery date. All orders shall be shipped complete unless otherwise noted.

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Bid Proposal and Specifications

**(Please use the WU-04-14 Parts and Supplies Bid Submission Sheet.xls
for your Bid submission.)**

**BRASS
ANGLE STOP**

BA0400G

1.
Angle stop shall conform to the following specifications; bronze, 3/4" female national pipe thread inlet, 3/4" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV13-332W) (Mueller H-14265) (James Jones J-1527) (McDonald 4604)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
50				

BA0401G

2.
Angle stop shall conform to the following specifications; bronze, 1" female national pipe thread inlet, 1" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV13-444W) (Mueller H-14265) (James Jones J-1527) (McDonald 4604)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
50				

BA0500G

3.
Angle stop shall conform to the following specifications; bronze, 3/4" flared copper inlet with nut, 3/4" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV23-332W) (Mueller H-14255) (James Jones J-1525) (McDonald 4622)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
100				

BA0501G4.

Angle stop shall conform to the following specifications; bronze, 1" flared copper inlet with nut, 1" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV23-444W) (Mueller H-14255) (James Jones J-1525) (McDonald 4622)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

BA0700G5.

Angle stop shall conform to the following specification; bronze, 3/4" copper tubing compression inlet, 3/4" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV43-332W-G) (Mueller H-14258) (James Jones J-4201) (McDonald 4602)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____

BA0701G6.

Angle stop shall conform to the following specification; bronze, 1" copper tubing compression inlet, 1" swivel meter coupling nut outlet, tee head with lockwing. Angle stop shall have a 100 psi or greater pressure rating. Angle stop shall conform to AWWA C800 latest revision. (Ford KV43-444W-G) (Mueller H-14258) (James Jones J-4201) (McDonald 4602)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____



CORPORATION VALVE

BC0500H

7.
Corporation valve shall conform to the following specifications: bronze, 3/4" standard AWWA corporation valve inlet thread, 3/4" flared copper outlet with nut. Corporation shall have a 100 psi or greater pressure rating. Corporation shall conform to AWWA C800 latest revision. (Ford F600-3) (Mueller H-15000) (James Jones J-1500) (McDonald 4701)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BC0501H

8.
Corporation valve shall conform to the following specifications: bronze, 1" standard AWWA corporation valve inlet thread, 1" flared copper outlet with nut. Corporation shall have a 100 psi or greater pressure rating. Corporation shall conform to AWWA C800 latest revision. (Ford F600-4) (Mueller H-15000) (James Jones J-1500) (McDonald 4701)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BC0700H

9.
Corporation valve shall conform to the following specifications: bronze, 3/4" standard AWWA corporation valve inlet thread, 3/4" copper tubing compression inlet. Corporation shall have a 100 psi or greater pressure rating. Corporation shall conform to AWWA C800 latest revision. (Ford F1000-3-G) (Mueller H-15008) (James Jones J-3401) (McDonald 4701Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BC0701H

10.

Corporation valve shall conform to the following specifications: bronze, 1" standard AWWA corporation valve inlet thread, 1" copper tubing compression inlet. Corporation shall have a 100 psi or greater pressure rating. Corporation shall conform to AWWA C800 latest revision. (Ford F1000-4-G) (Mueller H-15008) (James Jones J-3401) (McDonald 4701Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**CURB STOP
BE0400D**

11.

Curb stop shall conform to the following specifications: full port ball valve, bronze, with lockwing, ¾" female national pipe thread by ¾" female national pipe thread. Curb stop shall have a 100 psi or greater pressure rating. Curb stop shall conform to AWWA C800 latest revision. (Ford B11-333W) (Mueller 300 W/LKWING) (James Jones 1900-W) (McDonald 6101W)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BE0401D

12.

Curb stop shall conform to the following specifications: full port ball valve, bronze, with lockwing, 1" female national pipe thread by 1" female national pipe thread. Curb stop shall have a 100 psi or greater pressure rating. Curb stop shall conform to AWWA C800 latest revision. (Ford B11-444W) (Mueller 300 C/LKWING) (James Jones 1900-W) (McDonald 6101 -W)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



BE0500D

13.

Curb stop shall conform to the following specifications: full port ball valve, bronze, with lockwing, ¾" flared copper by ¾" female national pipe thread. Curb stop shall have a 100 psi or greater pressure rating. Curb stop shall conform to AWWA C800 latest revision. (Ford B21-333W) (Mueller 300W/LKWING) (James Jones 1901-W) (McDonald 6112-W 4 7/16)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

BE0501D

14.

Curb stop shall conform to the following specifications: full port valve, bronze, with lockwing, 1" flared copper by 1" female national pipe thread. Curb stop shall have a 100 psi or greater pressure rating. Curb stop shall conform to AWWA C800 latest revision. (Ford B21-444W) (Mueller 300 W/LKWING) (James Jones 1901-W) (McDonald 6102-W)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>130</u>	_____	_____	_____	_____

BE0503D

15.

Curb stop shall conform to the following specifications: full port ball valve, bronze, with lockwing, 1¼" flared copper by 1¼" female national pipe thread. Curb stop shall have a 100 psi or greater pressure rating. Curb stop shall conform to AWWA C800 latest revision. (Ford B21-555W) (James Jones J-1901W) (Mueller 300W) (McDonald 6102-W)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

**GATE VALVE, BRASS
BG0400D**

16.

Gate valve shall conform to the following specifications: full port gate valve for size stated, ¾" female national pipe thread by ¾" female national pipe thread, bronze, non-rising stem, with bronze hand wheel attached, packing approved for potable water. Gate valve shall have a pressure rating of 125 psi SWP.(Hammon) (Milwaukee)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

BG0401D

17.

Gate valve shall conform to the following specifications: Full port gate valve for size stated, 1" female national pipe thread by 1" female national pipe thread, bronze, non-rising stem, with bronze hand wheel attached, packing approved for potable water. Gate valve shall have a pressure rating of 125 psi SWP. (Hammon) (Milwaukee)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

BE0403D

18.

Gate valve shall conform to the following specifications: Full port gate valve for size stated, 1¼" female national pipe thread by 1¼" female national pipe thread, bronze, non-rising stem, with bronze hand wheel attached, packing approved for potable water. Gate valve shall have a pressure rating of 125 psi SWP. (Hammon) (Milwaukee)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



BE0405D

19.

Gate valve shall conform to the following specifications: Full port gate valve for size stated, 1½" female national pipe thread by 1½" female national pipe thread, bronze, non-rising stem, with bronze hand wheel attached, packing approved for potable water. Gate valve shall have a pressure rating of 125 psi SWP.
(Hammon) (Milwaukee)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

BG0407D

20.

Gate valve shall conform to the following specifications: Full port gate valve for size stated, 2" female national pipe thread by 2" female national pipe thread, bronze, non-rising stem, with bronze hand wheel attached, packing approved for potable water. Gate valve shall have a pressure rating of 125 psi SWP.
(Hammon) (Milwaukee)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>30</u>	_____	_____	_____	_____

**METER RELOCATOR
CC0309O**

21.

Meter relocater shall conform to the following specifications: 9" riser, 7½" bottom space, for 5/8" by ¾" meter. Relocator shall have a bronze angle stop with tee head and lockwing. Relocator shall conform to AWWA C800 latest revision.
(Ford V42) (Mueller H-1434) (Hays R23W) (McDonald 18 series)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	_____	_____	_____	_____

CC0312022.

Meter relocater shall conform to the following specifications: 12" riser, 7½" bottom space, for 5/8" by ¾" meter. Relocator shall have a bronze angle stop with tee head and lockwing. Relocator shall conform to AWWA C800 latest revision.
(Ford V42) (Mueller H-1434) (Hays R23W) (McDonald 18 series)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

CC0410023.

Meter relocater shall conform to the following specifications: 10" riser, 10¾" bottom space, for 1" meter. Relocator shall have a bronze angle stop with tee head and lockwing. Relocator shall conform to AWWA C800 latest revision.
(Ford V44) (Mueller H-1434) (Hays R23W) (McDonald 18 series)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**METER COUPLING
CD00030**24.

Meter coupling shall conform to the following specifications: bronze, machined inside, ¾" male national pipe thread by 1" swivel meter coupling nut, 2½" long, straight, without washer. (Ford C38-23-2.5) (Mueller H-10890) (James Jones J-134) (McDonald 4620)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>200</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

CD0305025.

Meter coupling shall conform to the following specifications: bronze, machined inside, ¾" male national pipe thread by 1" swivel meter coupling nut, 1½" long, straight, without washer. (Ford C38-23-1.5) (Mueller H-10890) (James Jones J-134) (McDonald 4620)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>200</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



CD00040

26.

Meter coupling shall conform to the following specifications: bronze, machined inside, 1" male national pipe thread by 1 1/4" swivel meter coupling nut, 2 5/8" long, straight, without washer. (Ford C38-44-2.625) (Mueller H-10890) (James Jones J-134) (McDonald 4620)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

CD04050

27.

Meter coupling shall conform to the following specifications: bronze, machined inside, 1" male national pipe thread by 1 1/4" swivel meter coupling nut, 1-1/2" long, straight, without washer. (Ford C38-44-1.5) (Mueller H-10890) (James Jones J-134) (McDonald 4620)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**BRASS METER ADAPTER
CD03020**

28.

Bronze meter adapter will conform to the following specifications: to adapt 5/8" x 3/4" meter to 3/4" meter length. Adapter shall meet AWWA C800 latest revision. (Ford-A23) (McDonald 10j23)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**METER FLANGE
CD5600O**

30.

Meter flange shall conform to the following specifications: bronze, 2" female national pipe thread, slotted bolt holes to fit 1-1/2" and 2" water meter. (Ford CF31-77) (James Jones J-129) (McDonald 610F) (Mueller H-10129)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____

**NIPPLE
HA0203A**

31.

Nipple shall conform to the following specifications; bronze, 1/2" male national pipe threads by 1/2" male national pipe threads, 3" long, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>23</u>	_____	_____	_____	_____

HA0204A

32.

Nipple shall conform to the following specifications; bronze, 1/2" male national pipe threads by 1/2" male national pipe threads, 4" long, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____



HA0206A

33.

Nipple shall conform to the following specifications; bronze, ½" male national pipe threads by ½" male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0301A

34.

Nipple shall conform to the following specifications; bronze, ¾" male national pipe threads by ¾" male national pipe threads, close length, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0302A

35.

Nipple shall conform to the following specifications; bronze, ¾" male national pipe threads by ¾" male national pipe threads, 2" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0303A

36.

Nipple shall conform to the following specifications; bronze, ¾" male national pipe threads by ¾" male national pipe threads, 3" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0304A37.

Nipple shall conform to the following specifications; bronze, $\frac{3}{4}$ " male national pipe threads by $\frac{3}{4}$ " male national pipe threads, 4" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0306A38.

Nipple shall conform to the following specifications; bronze, $\frac{3}{4}$ " male national pipe threads by $\frac{3}{4}$ " male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0401A39.

Nipple shall conform to the following specifications; bronze, 1" male national pipe threads by 1" male national pipe threads, close length, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0402A40.

Nipple shall conform to the following specifications; bronze, 1" male national pipe threads by 1" male national pipe threads, 2" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



HA0403A

41.

Nipple shall conform to the following specifications; bronze, 1" male national pipe threads by 1" male national pipe threads, 3" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0404A

42.

Nipple shall conform to the following specifications; bronze, 1" male national pipe threads by 1" male national pipe threads, 4" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0406A

43.

Nipple shall conform to the following specifications; bronze, 1" male national pipe threads by 1" male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0503A

44.

Nipple shall conform to the following specifications; bronze, 1¼" male national pipe threads by 1¼" male national pipe threads, 3" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0506A45.

Nipple shall conform to the following specifications; bronze, 1¼" male national pipe threads by 1¼" male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0601A46.

Nipple shall conform to the following specifications; bronze, 1½" male national pipe threads by 1½" male national pipe threads, close length, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0603A47.

Nipple shall conform to the following specifications; bronze, 1½" male national pipe threads by 1½" male national pipe threads, 3" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

HA0606A48.

Nipple shall conform to the following specifications; bronze, 1½" male national pipe threads by 1½" male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



HA0701A

49.

Nipple shall conform to the following specifications; bronze, 2" male national pipe threads by 2" male national pipe threads, close length, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
50				

HA0703A

50.

Nipple shall conform to the following specifications; bronze, 2" male national pipe threads by 2" male national pipe threads, 3" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
50				

HA0704A

51.

Nipple shall conform to the following specifications; bronze, 2" male national pipe threads by 2" male national pipe threads, 4" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
100				

HA0706A

52

Nipple shall conform to the following specifications; bronze, 2" male national pipe threads by 2" male national pipe threads, 6" long, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
75				

HA0710A

53.

Nipple shall conform to the following specifications; bronze, 2" male national pipe threads by 2" male national pipe threads, 10" long, domestic made.
(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BRASS MALE ADAPTERS KA0202C

54.

Male adapter will conform to the following specifications: bronze, 3/4" male iron pipe thread by 3/4" flare copper tubing. Male adapter shall meet AWWA C800 latest revision.
(Mueller-H15427) (Ford-C28-33) (James Jones-J-1531) (McDonald 4753)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KA0303B

55.

Male adapters will conform to the following specifications: bronze, 1" male iron pipe thread by 1" flare copper tubing. Male adapters shall meet AWWA C800 latest revision.
(Mueller-H15427) (Ford-C28-44) (James Jones-J-1531) (McDonald 4753)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KA0306B

56.

Male adapters will conform to the following specifications: bronze, 2" male iron pipe thread by 2" flare copper tubing. Male adapters shall meet AWWA C800 latest revision.
(Mueller-H15427) (Ford-C28-77) (James Jones-J-1531) (McDonald 4753)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



KA0402B

57.

Male adapters will conform to the following specifications: bronze, ¾" male iron pipe thread by ¾" compression copper tubing. Male adapters shall meet AWWA C800 latest revision. (Mueller-H15428) (Ford-C84-33) (James Jones-J-2605) (McDonald 4753-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KA0403A

58.

Male adapters will conform to the following specifications: bronze, 1" male iron pipe thread by 1" compression copper tubing. Male adapters shall meet AWWA C800 latest revision. (Mueller-H15428) (Ford-C84-44) (James Jones-J-2605) (McDonald 4753-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**BRASS COUPLING
KB0102A**

59.

Coupling will conform to the following specifications; bronze, ¾" female national pipe thread by ¾" female national pipe thread, domestic made.(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KB0103A

60.

Coupling will conform to the following specifications; bronze, 1" female national pipe thread by 1" female national pipe thread, domestic made.
(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KB0106A61.

Coupling will conform to the following specifications; bronze, 2" female national pipe thread by 2" female national pipe thread, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**BRASS LEAD ADAPTERS
KB0602F**

62.

Lead adapters will conform to the following specifications: bronze, ¾" (inlet) lead flange thread (outlet) flare copper tubing. Lead adapters shall meet AWWA C800 latest revision. (Mueller-H15505) (James Jones-J-1555)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KB0603F63.

Lead adapters will conform to the following specifications: bronze, 1" (inlet) lead flange thread (outlet) flare copper tubing. Lead adapters shall meet AWWA C800 latest revision. (Mueller-H15505) (James Jones-J-1555)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>0</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**BRASS TEE
KC0102A**

64.

Tee will conform to the following specifications: bronze, ¾" female national pipe thread by ¾" female national pipe thread by ¾" female national pipe thread, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



KC0103A

65.

Tee will conform to the following specifications: bronze, 1" female national pipe thread by 1" female national pipe thread by 1" female national pipe thread, domestic made.
(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KC0106A

66.

Tee will conform to the following specifications: bronze, 2" female national pipe thread by 2" female national pipe thread by 2" female national pipe thread, domestic made.
(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**BRASS PLUGS
KD0201O**

67.

Plugs shall conform to the following specifications: bronze, square head, ½" male national pipe thread, domestic made.(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KD0202O

68.

Plugs shall conform to the following specifications; bronze, square head, ¾" male national pipe thread, domestic made.(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KD0203O69.

Plugs shall conform to the following specifications; bronze, square head, 1" male national pipe thread, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KD0206O70.

Plugs shall conform to the following specifications; bronze, square head, 2" male national pipe thread, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KD0207O71.

Plugs shall conform to the following specifications; bronze, square head, 1/4" male national pipe thread, domestic made. (Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**90 DEGREE ELBOW
KE0102A**72.

90 degree elbow shall conform to the following specifications: bronze, 3/4" female national pipe thread by 3/4" female national pipe thread, domestic made.
(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



KE0103A

73.

90 degree elbow shall conform to the following specifications; bronze, 1" female national pipe thread by 1" female national pipe thread, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KE0106A

74.

90 degree elbow shall conform to the following specifications; bronze, 2" female national pipe thread by 2" female national pipe thread, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**90 DEGREE STREET ELBOW
KE0706H**

75.

90 degree street elbow shall conform to the following specifications; bronze, 2" female national pipe thread by 2" male national pipe thread, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KE0103H

76.

90 degree street elbow shall conform to the following specifications; bronze, 1" female national pipe thread by 1" male national pipe thread, domestic made.

(Lee) (Merit) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

TWO-PART UNIONS
KG0302D

77.

Two-part unions will conform to the following specifications; bronze, ¾" flare copper by ¾" flare copper tubing. Union adapters shall meet AWWA C800 latest revision. (Mueller-H15405) (James Jones-J-1529) (Ford-CS22-33) (McDonald 4756)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____

KG0303D

78.

Two-part unions will conform to the following specifications: bronze, 1" flare copper by 1" flare copper tubing. Union adapters shall meet AWWA C800 latest revision. (Mueller-H15405) (James Jones-J-1529) (Ford-CS22-44) (McDonald 4756)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____

THREE PART UNIONS
KH0302G

79.

Three-part unions will conform to the following specifications: bronze, ¾" flare copper by ¾" flare copper tubing. Union adapters shall meet AWWA C800 latest revision. (Mueller-H15400) (James Jones-J-1528) (Ford-C22-33) (McDonald 4758)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____

KH0303G

80.

Three-part unions will conform to the following specifications: bronze, 1" flare copper by 1" flare copper tubing. Union adapters shall meet AWWA C800 latest revision. (Mueller-H15400) (James Jones-J-1528) (Ford-C22-44) (McDonald 4758)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____



**THREE PART UNION
KH0402D**

81.

Union shall conform to the following specifications; bronze, three part union, 3/4" compression copper tubing by 3/4" compression copper tubing. Union shall meet AWWA C800 latest revision. (Ford C44-33-G) (Mueller H-15403) (James Jones J-2609) (McDonald 4758-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____

KH0403D

82.

Union shall conform to the following specifications; bronze, three part union, 1" compression copper tubing by 1" compression copper tubing. Union shall meet AWWA C800 latest revision. (Ford C44-44-G) (Mueller H-15403) (James Jones J-2609) (McDonald 4758-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

**QUARTER BEND ADAPTER
KI0202D**

83.

Quarter bend adapter shall conform to the following specifications; bronze, 3/4" male national pipe thread by 3/4" compression copper tubing. Quarter bend adapter shall meet AWWA C800 latest Revision. (Mueller H-15531F) (James Jones J-2619) (McDonald 4779-Q) (FORD L84-33-G)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	_____	_____	_____	_____

KI0203D84.

Quarter bend adapter shall conform to the following specifications; bronze, 1" male national pipe thread by 1" compression copper tubing. Quarter bend adapter shall meet AWWA C800 latest Revision. (Mueller H-15531F) (James Jones J-2619) (McDonald 4779-Q) (FORD L84-44-G)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KI0203G85.

Quarter bend adapter shall conform to the following specifications; bronze, 3/4" male national pipe thread by 3/4" flared copper with nut. Quarter bend adapter shall meet AWWA C800 latest revision.

(Ford L84-33) (Mueller H-15530) (James Jones J-1550) (McDonald 4779-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KI0203G86.

Quarter bend adapter shall conform to the following specifications; bronze, 1" male national pipe thread by 1" flared copper with nut. Quarter bend adapter shall meet AWWA C800 latest revision.

(Ford L84-44) (Mueller H-15530) (James Jones J-1550) (McDonald 4779-Q)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



BRONZE FLARE NUTS
KP0502A

87.

Bronze flare nut will conform to the following specifications: bronze, 3/4" flare copper by 3/4" female iron pipe thread. Flare nuts shall meet AWWA C800 latest revision.
(Ford-C01-33)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

KP0503A

88.

Bronze flare nut will conform to the following specifications: bronze, 1" flare copper by 1" female iron pipe thread. Flare nuts shall meet AWWA C800 latest revision.
(Ford-C01-44)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BUSHING
MA0102A

89.

Bushing shall conform to the following specifications; bronze, 3/4" machined male end national pipe thread by 1/2" female national pipe thread, domestic made.
(Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MA0103B

90.

Bushing shall conform to the following specifications; bronze, 1" machined male end national pipe thread by 3/4" female national pipe thread, domestic made.
(Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>150</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MA0104B91.

Bushing shall conform to the following specifications; bronze, 1¼" machined male end national pipe thread by ¾" female national pipe thread, domestic made.

(Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MA0104C92.

Bushing shall conform to the following specifications; bronze, 1¼" machined male end national pipe thread by 1" female national pipe thread, domestic made.

(Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MA0107C93.

Bushing shall conform to the following specifications; bronze, 2" machined male end national pipe thread by 1" female national pipe thread, domestic made.

(Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

MA0203B94.

Bushing shall conform to the following specifications; bronze, 1" male cc thread by ¾" female cc thread, domestic made. (Merit) (Lee) (Ford) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



CAST IRON

ADJUSTABLE VALVE BOX WITH LID BS00250, BS00260, BS00280

Valve box and lid shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 standards latest revision, box shall be screw type adjustable, lid shall be non-locking type, box and lid shall be coated with bituminous emulsified asphalt, three piece construction required to make one (1) complete adjustable assembly. Lid shall be marked "WATER". Smallest nominal internal dimension shall be 5¼". Nominal heights and weights as follows:

BS00250

95.

Lid. Nominal weight 15 lbs.(East Jordan Iron Works Inc. #06800001 Adjustable Valve Boxes, Screw Type)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

BS00260

96.

Top Section. Nominal height 10". Nominal weight 25 lbs.
(East Jordan Iron Works Inc. #85507010 Adjustable Valve Boxes, Screw Type)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

BS00280

97.

Bottom Section. Nominal height 17". Nominal weight 34 lbs.
(East Jordan Iron Works Inc #85506015 Adjustable Valve Boxes, Screw Type)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>100</u>	_____	_____	_____	_____

**OVAL METER BOX
CB0011P**

98.

Meter box shall conform to the following specifications; high density polyethylene, black exterior/white interior. Box shall be oval in shape to fit #11 cast iron meter box lid. Nominal outside dimensions shall be 11¼"x17½"x10" high. Nominal lid opening shall be 9½"x13". Nominal weight of box shall be six lbs.
(East Jordan Iron Works, Inc. #32411500)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____

**OVAL METER BOX LID
CB0011B**

99.

Meter box lid shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 standards latest revision, lid shall be oval in shape, lid shall be coated with bituminous emulsified asphalt, lid shall be non-locking type. Lid shall be marked with "CITY OF SAN ANGELO WATER DEPT". Nominal weight of lid shall be 15 lbs.
(East Jordan Iron Works #32111301 Lid)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____

**RECTANGULAR METER BOX LID
CB0019C**

100.

Meter box lid shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 standards latest revision, lid shall be rectangular in shape, lid shall be coated with bituminous emulsified asphalt, lid shall be non-locking type. Nominal weight of lid shall be 35 lbs.. (East Jordan Iron Works Inc. #32131324)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	_____	_____	_____	_____



**RECTANGULAR METER BOX
CB0019P**

101.

Meter box shall conform to the following specifications: Constructed of Linear Medium Density Polyethylene (LMDPE) as defined in ASTM D-883-95A and have a minimum wall thickness of .500". The exterior shall be black to provide UV protection and the interior shall be bright white to ease meter reading. Boxes shall be able to with stand a minimum 15,000 pounds (vertical) and 400 pounds side wall load. The nominal weight of the box shall be 18 lbs. Nominal outside dimensions shall be 13 3/4" X 23 1/8" X 12" high. The Meter Box shall be an East Jordan Iron Works Inc (32144001).

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**CLEAN OUT BOOT
UA0001P**

102.

Boot shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 revision, nominal dimension of boot shall be 18 1/8" wide, 28" long, and 10 1/2" high. Nominal weight of boot shall be 92 lbs. (East Jordan Iron Works Inc #00847511)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**CLEAN OUT LID
UB0002O**

103

Lid shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 latest revision, lid shall be coated with bituminous emulsified asphalt. Nominal outside diameter of lid shall be 7 1/2". Lid shall have two 7/8" diameter pick holes and three locking horns which engage the boot and secure the lid when it has been rotated. (East Jordan Iron Works Inc #0084752)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**MANHOLE RING
UD0011O**

104.

Ring shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 standards latest revision, ring shall be bottom flange type, ring shall be coated with bituminous emulsified asphalt. Nominal outside dimension of ring shall be 32". Ring shall accept 24" lid. Ring shall have a H-20 load rating. Nominal weight of ring shall be 165 lbs. (East Jordan Iron Works Inc 00117711)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**MANHOLE LID
UD0012O**

105.

Lid shall conform to the following specifications; cast iron shall meet ASTM A-48-84 class 30 standards latest revision, lid shall have cast iron pick bar lifting option, lid shall be coated with a bituminous emulsified asphalt. Nominal outside dimension shall be 24". Lid shall be marked "SEWER". Lid shall have a H-20 load rating. Nominal weight of lid shall be 135 lbs. (East Jordan Iron Works Inc 00117738)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DUCTILE IRON AND CAST IRON FITTINGS

All ductile and cast fitting shall conform to the following specifications; AWWA C153 SSB short body ductile iron fittings, these fittings will be required first on bid, if the short body ductile iron fittings are not available the C110 cast iron fittings will be acceptable, mechanical joint, with Ford or Ebba restraint Kit accessories and Epoxy Coated inside and out. For C-900 pipe.

(Tyler Domestic & Tyler Non-Domestic)



90 DEGREE BEND CAST FITTING
GA01040

106.

Cast fitting shall conform to the following specifications; 90 degree bend C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____

GA01060

107.

Cast fitting shall conform to the following specifications; 90 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GA01080

108.

Cast fitting shall conform to the following specifications; 90 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8' mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GA01100

109.

Cast fitting shall conform to the following specifications; 90 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GA01120110.

Cast fitting shall conform to the following specifications; 90 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GA01160111.

Cast fitting shall conform to the following specifications; 90 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 16" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

**45 DEGREE BEND CAST FITTING
GB01040**

112.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GA01060113.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



GB01080

114.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GB01100

115.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GB01120

116.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

(TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GB01160

117.

Cast fitting shall conform to the following specifications; 45 degree bend, C153 SSB or C110 mechanical ductile fitting, 16" mechanical joint by 16" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GC01040118.

Cast fitting shall conform to the following specifications; 22½ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GC01060119.

Cast Fitting shall conform to the following specifications; 22½ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GC01080120.

Cast fitting shall conform to the following specifications; 22½ degree bend, C153 SSB C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GC01100121.

Cast fitting shall conform to the following specifications; 22½ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



GC01120

122.

Cast fitting shall conform to the following specifications; 22½ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GC01160

123.

Cast fitting shall conform to the following specifications; 22½ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 16" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**TEE CAST FITTING
GD0104B**

124.

Cast fitting shall conform to the following specifications; Straight tee, C153 SSB or C110 mechanical ductile fitting, 4" mechanical joint by 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0106B

125.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0106C

126.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0108B

127.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0108C

128.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0108D

129.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision. (Tyler 5-120 or 5-620)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GD0112B

130.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0112C

131.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0112E

132.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0112F

133.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0116F134.

Cast fitting shall conform to the following specifications; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 16" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GD0116H135.

Cast fitting shall conform to the following specification; straight tee, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 16" mechanical joint by 16" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**CROSS CAST FITTING
GE0104B**

136.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0106B137.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GE0106C

138.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0108B

139.

Cast Fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0108C

140.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0108D

141.

Cast fitting shall conform to the following specification; straight cross, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0112C142.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0112D143.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GE0112F144.

Cast fitting shall conform to the following specifications; straight cross, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**PLUG CAST FITTING
GF0104O**

145.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical ductile fitting, 4" mechanical joint, with accessories, Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GF0106O

146.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical ductile fitting, 6" mechanical joint, with accessories, Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0108O

147.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0110O

148.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0112O

149.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>3</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF01160150.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 mechanical ductile fitting, 16" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF02040151.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 4" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF02060152.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 6" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF02080153.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GF02100

154.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 10" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF02120

155.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF02160

156.

Cast fitting shall conform to the following specifications; cap, C153 SSB or C110 mechanical ductile fitting, 16" mechanical joint, with accessories. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF03040

157.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 4" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0306O158.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 6" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0308O159.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 8" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0310O160.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 10" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GF0312O161.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 12" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GF03160

162.

Cast fitting shall conform to the following specifications; plug, C153 SSB or C110 compact ductile fitting, 16" push-on (slip) for c-900. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**REDUCER CAST FITTING
GG0104A**

163.

Cast Fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 4" mechanical joint by 2" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GG0106B

164.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GG0108B

165.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GG0108C166.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
---------------	---------------	--------------	---------------	------------------

<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GG0112B167.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
---------------	---------------	--------------	---------------	------------------

<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GG0112C168.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
---------------	---------------	--------------	---------------	------------------

<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GG0112D169.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical ductile fitting, 12" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
---------------	---------------	--------------	---------------	------------------

<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GG0112E

170.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GG0116C

171.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revisions,

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GG0116F

172.

Cast fitting shall conform to the following specifications; reducer, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall conform to AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>1</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**SWIVEL ADAPTER CAST FITTING
GH0104O**

173.

Cast fitting shall conform to the following specifications; swivel adapter, C153 SSB or C110 mechanical joint ductile fitting, 4" pipe size by 13" long, mechanical joint by swivel, with accessories. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GH0106O174.

Cast fitting shall conform to the following specifications; swivel adapter, C153 SSB or C110 mechanical joint ductile fitting, 6" pipe size by 13" long, mechanical joint by swivel, tithe accessories. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
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<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GH0108O175.

Cast fitting shall conform to the following specifications; swivel adapter, C153 SSB or C110 mechanical ductile fitting, 8" pipe size by 13" long, mechanical joint by swivel, with accessories. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
---------------	---------------	--------------	---------------	------------------

<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GH0110O176.

Cast fitting shall conform to the following specifications; swivel adapter, C153 SSB or C110 mechanical ductile fitting, 10" pipe size by 13" long, mechanical joint by swivel, with accessories. Fitting shall conform to AWWA C100 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
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<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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GH0112O177.

Cast fitting shall conform to the following specifications; swivel adapter, C153 SSB or C110 mechanical ductile fitting, 12" pipe size by 13" long, mechanical joint by swivel, with accessories. Fitting shall conform to AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
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<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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SWIVEL TEE CAST FITTING
GI0106C

178.

Cast fitting shall conform to the following specifications; straight tee, swivel branch, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint by 6" swivel, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GI0108C

179.

Cast fitting shall conform to the following specifications; straight tee, swivel branch, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 6" mechanical joint by 6" swivel, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

180.

DUPLICATE ITEM REMOVED

**11 1/4 DEGREE BEND CAST FITTING
GS0104O**

181.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GS0106O

182.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GS0108O

183.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical ductile fitting, 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GS0110O

184.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical ductile fitting, 10" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



GS01120

185.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GS01160

186.

Cast fitting shall conform to the following specifications; 11¼ degree bend, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint by 16" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**SOLID SLEEVE CAST FITTING
IE0404B**

187.

Cast fitting shall conform to the following specifications; solid sleeve, standard, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

IE0406B

188.

Cast fitting shall conform to the following specifications; solid sleeve, standard, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

IE0408B189.

Cast fitting shall conform to the following specifications; solid sleeve standard, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

IE0410B190.

Cast fitting shall conform to the following specifications; solid sleeve, standard, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint by 10" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

IE0412B191.

Cast fitting shall conform to the following specifications; solid sleeve, standard, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint by 12" mechanical joint, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**TAPPED PLUG CAST FITTING
LB0104A**

192.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



LB0106A

193.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

LB0108A

194.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

LB0110A

195.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 10" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

LB0112A

196.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 12" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

LB0116A

197.

Cast fitting shall conform to the following specifications; tapped plug, C153 SSB or C110 mechanical joint ductile fitting, 16" mechanical joint, 2" female national pipe thread. Fitting shall meet AWWA C110 latest revisions. (Tyler 5-152 or 5-652)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

**TAPPED TEE CAST FITTING
LC0104A**

198.

Cast fitting shall conform to the following specifications; tapped tee, C153 SSB or C110 mechanical joint ductile fitting, 4" mechanical joint by 4" mechanical joint, 2" female national pipe thread, with accessories, cement lined. Fitting shall meet AWWA C110 latest revision.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

LC0106A

199.

Cast fitting shall conform to the following specifications; tapped tee, C153 SSB or C110 mechanical joint ductile fitting, 6" mechanical joint by 6" mechanical joint, 2" female national pipe thread, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

LC0108A

200.

Cast fitting shall conform to the following specifications; tapped tee, C153 SSB or C110 mechanical joint ductile fitting, 8" mechanical joint by 8" mechanical joint, 2" female national pipe thread, with accessories, cement lined. Fitting shall meet AWWA C110 latest revisions.

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



FIRE HYDRANT

SPECIFICATIONS:

Fire hydrants shall conform to the following specifications; hydrants shall be post type dry barrel design traffic model with breakaway safety flange and stem coupling; "O" ring stem seals with sealed oil reservoir lubricating stem on operation; compression type main valve 5 ¼ inch, closing with pressure; bronze seat ring shall thread into a bronze drain ring forming an all bronze drainway with positive sealing; and two bronze drain outlets; main valve shall be ¾ inch thick neoprene; 1½ inch all bronze pentagon operating nut with anti-friction washer opening left; two 2½ inch hose nozzles and one 4½ inch pumper nozzle with National Standard Hose Threads; openings shall be in line with each other. Hydrants shall have asphalt base varnish on the outside of lower barrel and shoe. The inside of the shoe shall be epoxy coated, minimum 8 mils thickness. The Fire Hydrant shall be painted OSHA-Safety Yellow 1813 or equal. Fire hydrant shoe shall be 6" mechanical joint for ductile iron or C900 pipe. Fire hydrant shall conform to AWWA C-502 latest revision. Only fire hydrants listed below will be accepted.
(M & H 929) (MUELLER SUPER CENTURION A-423) (CLOW MEDALLION)
(AMERICAN DARLING B-84-B) (East Jordon)

DA0036O

203.
3' (36" bury)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____

DA0042O

204.
31/2' (42" bury)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____

DA0048O

205.
4' (48" bury)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>18</u>	_____	_____	_____	_____

DA00600

206.

5' (60" bury)

TOTAL
EACH

UNIT
PRICE

EXT
TOTAL

BRAND
NAME

DELIVERY
TIME

10



PVC PIPE

AA0102A

207.

PVC pipe shall conform to the following specifications; Polyvinyl Chloride Pipe; class 200 (DR21); bell end; elastometric-gasket glued in place; spigot ends shall be beveled and reference marked to facilitate in joining and insure proper seating depth; 20 foot lengths; domestic made, 2" pipe size. PVC pipe shall meet the requirements of ASTM D-2241. (Diamond) (JM-Eagle) (Nappco)

TOTAL FOOTAGE	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2792</u>	_____	_____	_____	_____

CAST COUPLING

SPECIFICATIONS:

Wide Range Transition coupling shall conform to the following specifications; ductile iron sleeve, ductile iron flange follower, standard grade gaskets suitable for use in potable water, corrosion resistant high strength low alloy hardware with 12" in Length. Meeting AWWA D111 latest revisions, epoxy coated.
(Ford FC2W SIZE 12L) (Smith Blair Quantum) (Romac XR-501)

IC0504A

222.
4"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

IC0506A

223.
6"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

IC0508A

224.
8"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

CAST COUPLING**SPECIFICATIONS:**

Transition coupling shall conform to the following specifications; ductile iron sleeve, ductile iron flange follower, standard grade gaskets suitable for use in potable water, corrosion resistant high strength low alloy hardware meeting AWWA D111 latest revisions, epoxy coated.

(Ford FC2A) (JCM-212) (Smith Blair 441 Omni) (Romac 501)

IC0510A

225.
10" (1160-1201 to 11:10)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

IC0512A

226.
12" (1392-1426 to 13:20)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



IC0516A

227.

16" (1765-1890 to 1732-1750)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

IC0518A

228.

18" (1992 to C-900)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

ID0410A

229

Cast coupling shall conform to the following specifications; ductile iron sleeve, ductile iron flange follower, standard grade gaskets suitable for use in potable water, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions, epoxy coated. Sized to fit 11.10"-11.40" pipe diameter.

(Smith Blair 441) (JCM 210) (Ford FC1) (Romac 501) (Power Seal 3501) (Dresser 153)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>3</u>	_____	_____	_____	_____

ID0412A

230.

Cast coupling shall conform to the following specifications; ductile iron sleeve, ductile iron flange follower, standard grade gaskets suitable for use in potable water, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions, epoxy coated. Sized to fit 13.20"-13.50" pipe diameter.

(Smith Blair 441) (JCM 210) (Ford FC1) (Romac 501) (Power Seal 3501) (Dresser 153)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

ID0416A

231.

Cast coupling shall conform to the following specifications; ductile iron sleeve, ductile iron flange follower, standard grade gaskets suitable for use in potable water, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions, epoxy coated. Sized to fit 17.32"-17.50" pipe diameter.

(Smith Blair 441) (JCM 210) (Ford FC1) (Romac 501) (Power Seal 3501) (Dresser 153)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____



REPAIR CLAMP, SINGLE BAND

JA0604D

232.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.74" - 5.14" pipe O.D. band length of 8"
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0404D

233.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.45" to 4.73" pipe O.D. band length of 8"
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>30</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0404H

234.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.45" - 4.73" pipe O.D. band length of 12"-13".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>15</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0604H

235.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.45" to 4.73" pipe O.D. band length of 12"-13".

(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>12</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0404P

236.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.45"-5.14" pipe O.D. band length of 18"-20".

(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0406D

237.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.84"-7.25" pipe O.D. band length of 7½"-8".

(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



JA0406H

238.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.84"-7.25" pipe OD band length of 12"-12½".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	_____	_____	_____	_____

JA0406P

239.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.84"-7.25" pipe OD band length of 18"-20".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JA0408D

240.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.40" pipe OD band length of 7½"-8".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JA0408I

241.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.40" pipe OD band length of 12"-12½".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>25</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA0408P

242.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.40" pipe OD band length of 18"-20".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JA1002H

243.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 2" steel pipe. Band length of 15".
(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



**REPAIR CLAMPS, DOUBLE BAND
JB0404D**

244.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.74"-5.57" OD pipe. Band length of 8".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JB1006I

245.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.84"-7.64" OD pipe. Band length of 12".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JB0408I

246.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.79" OD pipe. Band length of 12".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JB1010H

247.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 11.10"-11.90" OD pipe. Band length of 12".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	_____	_____	_____	_____

JB1012H

248.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 13.14"-14.34" OD pipe. Band length of 12".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

JB0316F

249.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 17.15"-17.90" OD pipe. Band length of 15".

(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____



JB0212S

250.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 13.65"-14.45" OD pipe. Band length of 24".
(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

JB0312P

251.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 13.20"-14.00" OD pipe. Band length of 20".
(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

JB0313P

252.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 15.07"-15.82" OD pipe. Band length of 20".
(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	_____	_____	_____	_____

JB0112N253.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 15.92"-16.67" OD pipe. Band length of 20".

(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	_____	_____	_____	_____

JB0118N254.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 18.00"-19.20" OD pipe. Band length of 16".

(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

JB0120N255.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 19.40"-20.40" OD pipe. Band length of 18".

(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



JB0220P

256.

Repair clamp shall meet the following specifications; Double full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 21.40"-22.40" OD pipe. Band length of 20".
(Smith Blair 228)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

**REPAIR PATCH CLAMP
JC1002A**

257.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 2.38" pipe diameter, band length of 3".
(Smith Blair 227)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>75</u>	_____	_____	_____	_____

JC1003A

258.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 3.50" pipe diameter, band length of 3".
(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

JC1095A

259.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 0.84" pipe diameter, band length of 3".

(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

JC1096A

260.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 1.05" pipe diameter, band length of 3".

(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JC1097A

261.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 1.32" pipe diameter, band length of 3".

(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>60</u>	_____	_____	_____	_____



JC1098A

262.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 1.66" pipe diameter, band length of 3".
(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JC1099A

263.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, single bolt design. Sized to fit 1.90" pipe diameter, band length of 3".
(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JC1002B

264.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, two bolt design. Sized to fit 2.38" pipe diameter, band length of 6".
(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JC1098B

265.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, two bolt design. Sized to fit 1.66" pipe diameter, band length of 6".

(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JC1099B

266.

Repair clamp shall meet the following specifications; Band shall have type 304 stainless steel, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, ductile iron lug, bolts to be electro- galvanized with di-chromate seal, two bolt design. Sized to fit 1.90" pipe diameter, band length of 6".

(Smith Blair 245)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**Full Circle
JE1002D**

267.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 2.35"-2.63" pipe diameter. Band length of 7½"-8".

(Smith Blair 226)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>30</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



JH0404B

268.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.74"-5.14" pipe O.D. x 1" cc outlet . Band length of 8".
(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JH0404H

269.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 4.74"-5.14" pipe O.D. x 1" cc outlet . Band length of 12".
(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JH0406D

270.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.87"-7.24" pipe O.D. x 1" cc outlet . Band length of 8".
(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JH0406H

271.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 6.87"-7.24" pipe O.D. x 1" cc outlet . Band length of 12".

(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JH0408B

272.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.39" pipe O.D. x 1" cc outlet . Band length of 8".

(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

JH0408I

273.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 8.99"-9.39" pipe O.D. x 1" cc outlet . Band length of 12".

(Smith Blair 238)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____



JH0410I

274.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 11.10"-11.90" pipe O.D. x 1" cc outlet . Band length of 12".
(Smith Blair 239)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

JH0412I

275.

Repair clamp shall meet the following specifications; single full circle type 304 stainless steel band with stainless steel bridge plate, standard grade gasket suitable for use in potable water with tapered ends and grid pattern, corrosion resistant high strength low alloy hardware meeting AWWA C111 latest revisions. Ductile iron lugs with stabilizing fingers. Sized to fit 13.10-13.50" pipe O.D. x 1" cc outlet . Band length of 12".
(Smith Blair 239)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

**COMPRESSION COUPLING
UD1001C**

276.

Compression coupling shall conform to the following specifications; body shall be carbon steel tubing; standard grade gasket suitable for use in potable water, nut shall be malleable iron ASTM 47, finish shall be galvanized. ½"nominal pipe size, sized to fit .84" pipe O.D., 4 3/8" in length.
(Smith Blair 525)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>24</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

UD1002C277.

Compression coupling shall conform to the following specifications; body shall be carbon steel tubing; standard grade gasket suitable for use in potable water, nut shall be malleable iron ASTM 47, finish shall be galvanized. ¾" nominal pipe size, sized to fit 1.05" pipe O.D., 4 3/8" in length.

(Smith Blair 525)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

UD1003C278.

Compression coupling shall conform to the following specifications; body shall be carbon steel tubing; standard grade gasket suitable for use in potable water, nut shall be malleable iron ASTM 47, finish shall be galvanized. 1" nominal pipe size, sized to fit 1.32" pipe O.D., 4 3/4" in length.

(Smith Blair 525)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>50</u>	_____	_____	_____	_____

UD1004C279.

Compression coupling shall conform to the following specifications; body shall be carbon steel tubing; standard grade gasket suitable for use in potable water, nut shall be malleable iron ASTM 47, finish shall be galvanized. 1 ¼" nominal pipe size, sized to fit 1.66" pipe O.D., 5 1/8" in length.

(Smith Blair 525)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



UD1005C

280.

Compression coupling shall conform to the following specifications; body shall be carbon steel tubing; standard grade gasket suitable for use in potable water, nut shall be malleable iron ASTM 47, finish shall be galvanized. 1½" nominal pipe size, sized to fit 1.90" pipe O.D., 5 3/8" in length.

(Smith Blair 525)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

UD1006D

281.

Coupling shall conform to the following specifications; two bolt, steel sleeve and followers, standard grade gasket suitable for use in potable water, corrosion resistant hardware, shop coat finish. Coupling shall fit 2.375" pipe diameter, 5" in length.

(Smith Blair 411)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

UD1007E

282.

Coupling shall conform to the following specifications; two bolt, steel sleeve and followers, standard grade gasket suitable for use in potable water, corrosion resistant hardware, shop coat finish. Coupling shall fit 2.875" pipe diameter, 5" in length.

(Smith Blair 411)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

UD1008E

283.

Coupling shall conform to the following specifications; two bolt, steel sleeve and followers, standard grade gasket suitable for use in potable water, corrosion resistant hardware, shop coat finish. Coupling shall fit 3.500" pipe diameter, 5" in length. (Smith Blair 411)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



SERVICE SADDLES

EA0106B

284. 6"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 6.00" to 7.75" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>30</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

EA0108B

285. 8"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 9.61" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>30</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

EA0202B

286. 2"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 2.375" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-90) (James Jones J-995) (Smith-Blair 393)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

EA0204B287.**4"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 4.50" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-70) (James Jones J-995) (Romac 101-B) (Smith-Blair 393) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____

EA0206B288.**6"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 6.90" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(James Jones J-996) (Romac 101B) (Smith-Blair 393) (Ford S-90)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____

EA0208B289.**8"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 9.05" pipe diameter. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(James Jones J-996) (Romac 101B) (Smith-Blair 393) (Ford S-90) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>20</u>	_____	_____	_____	_____



EA0212B

290. 12"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 13.205" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(James Jones J-996) (Romac 101B) (Smith-Blair 393) (Ford S-90) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

EA0310B

291. 10"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze single double wide strap with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 11.50" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>5</u>	_____	_____	_____	_____

EA0312B

292. 12"x1" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 13.20"to 14.20" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

EA0314B**293. 14"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 16.32" to 17.26" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

EA0316B**294. 16"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 16.32" to 17.26" pipe diameters. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Romac 202B) (Smith-Blair 323) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

EA0702A**295. 2"x1" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 2.50" pipe diameter. Body shall have female 1" AWWA corporation threads. Saddle shall conform to AWWA C800 latest revision.

(James Jones J-975) (Smith-Blair 321) (FORD –S90)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



ED0108B

296. 8"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 9.40" pipe diameter. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford202-B) (James Jones J-979) (Smith-Blair 323) (Romac 202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

ED0204B

297. 4"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 4.50" pipe diameter. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-90) (James Jones J-996) (Smith-Blair 393) (Romac 202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

ED0206B

298. 6"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 6.90" pipe diameter. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-90) (James Jones J-996) (Smith-Blair 393) Romac 202-B) 9McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

ED0208B299.**8"x2" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 9.05" pipe diameter. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-90) (James Jones J-996) (Smith-Blair 393) (Romac 202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

ED0212B300.**12"x2" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 13.20" pipe diameter. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford S-90) (James Jones J-996) (Smith-Blair 393) Romac 202-B) 9McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

ED0306B301.**6"x2" Service Saddle**

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 6.00" TO 7.75" pipe diameters. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Smith-Blair 323) (Romac202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



ED0310B

302. 10"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 11.10" TO 11.50" pipe diameters. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Smith-Blair 323) (Romac 202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

ED0312B

303. 12"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 13.20" TO 14.21" pipe diameters. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Smith-Blair 323) (Romac 202-B) (McDonald)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

ED0316B

304. 16"x2" Service Saddle

Service saddle shall conform to the following specifications; bronze body, bronze double straps with bronze nuts, rubber or neoprene seal attached to the body. Saddle shall fit 17.40" TO 18.97" pipe diameters. Body shall have 2" female national pipe threads. Saddle shall conform to AWWA C800 latest revision.

(Ford 202B) (James Jones J-979) (Smith-Blair 323) (Romac 202-B)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

TAP SLEEVES

STAINLESS STEEL TAPPING SLEEVES WITH STAINLESS STEEL FLANGE

FE0104C

305.

4"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 4" cast iron pipe or C900 pipe. Nominal 4" branch size.

(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

FE0106C

306.

6"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 6" cast iron pipe or C900 pipe. Nominal 4" branch size.

(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____



FE0106D

307. 6"x6" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 6" cast iron pipe or C900 pipe. Nominal 6" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0108C

308. 8"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" cast iron pipe or C900 pipe. Nominal 4" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0108D

309. 8"x6" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" cast iron pipe or C900 pipe. Nominal 6" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0108E**310. 8"x8" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" cast iron pipe or C900 pipe. Nominal 8" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

FE0110C**311. 10"x4" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" cast iron pipe or C900 pipe. Nominal 4" branch size.

(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

FE0110D**312. 10"x6" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" cast iron pipe or C900 pipe. Nominal 6" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



FE0110E

313. 10"x8" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel paint, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" cast iron pipe or C900 pipe. Nominal 8" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0110F

314. 10"x10" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" cast iron pipe or C900 pipe. Nominal 10" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0112C

315. 12"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling ; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" cast iron pipe or C900 pipe. Nominal 4" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0112D**316. 12"x6" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" cast iron pipe or C900 pipe. Nominal 6" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

FE0112E**317. 12"x8" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" cast iron pipe or C900 pipe. Nominal 8" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

FE0112G**318. 12"x12" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" cast iron pipe or C900 pipe. Nominal 12" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

FE0118E



319. 18"x8" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 18" cast iron pipe or C900 pipe. Nominal 8" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>1</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0204C

320. 4"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 4" Class 200 A.C. rough barrel pipe. Nominal 4" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0206C

321. 6"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 6" Class 200 A.C. rough barrel pipe. Nominal 4" branch size.
(Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0206D**322. 6"x6" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 6" Class 200 A.C. rough barrel pipe. Nominal 6" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

FE0208C**323. 8"x4" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" Class 200 A.C. rough barrel pipe. Nominal 4" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

FE0208D**324. 8"x6" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" Class 200 A.C. rough barrel pipe. Nominal 6" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____



FE0208E

325. 8"x8" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 8" Class 200 A.C. rough barrel pipe. Nominal 8" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0210C

326. 10"x4" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" Class 200 A.C. rough barrel pipe. Nominal 4" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0210D

327. 10"x6" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" Class 200 A.C. rough barrel pipe. Nominal 6" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0210E**328. 10"x8" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" Class 200 A.C. rough barrel pipe. Nominal 8" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

FE0210F**329. 10"x10" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 10" Class 200 A.C. rough barrel pipe. Nominal 10" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

FE0212C**330. 12"x4" Tapping Sleeve**

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" Class 200 A.C. rough barrel pipe. Nominal 4" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____



FE0212D

331. 12"x6" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" Class 200 A.C. rough barrel pipe. Nominal 6" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0212E

332. 12"x8" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" Class 200 A.C. rough barrel pipe. Nominal 8" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

FE0212G

333 12"x12" Tapping Sleeve

Tapping sleeve shall conform to the following specifications; 304 stainless steel liner; rubber gasket suitable for use in potable water, with grid pattern glued in place to liner; 304 stainless steel armor plates bonded to liner; stainless steel flange, with 150 lb. Drilling; rubber gasket suitable for use in potable water glued in place on flange face; 304 stainless steel hardware coated to prevent galling or seizing; 304 stainless steel test plug. Sized to fit 12" Class 200 A.C. rough barrel pipe. Nominal 12" branch size. (Romac SST Ductile Plus) (Powerseal 3490) (Ford Fast) (Smith-Blair 663)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

GATE VALVES

RESILIENT SEATED GATE VALVE BB0104A

334. 4" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 4". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

BB0106A

335. 6" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 6". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



BB0108A

336. 8" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 8". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>15</u>	_____	_____	_____	_____

BB0110A

337. 10" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 10". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

BB0112A**338. 12" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 12". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

BB0116A**339. 16" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be mechanical joint by mechanical joint. Valve size shall be nominal 16". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



BB0204A

340.

4" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by mechanical joint. Valve size shall be nominal 4". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BB0204B

341.

4" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by flange joint. Valve size shall be nominal 4". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>15</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BB0206A342.**6" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and grove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by mechanical joint. Valve size shall be nominal 6". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>15</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

BB0206B343.**6" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and grove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by flange joint. Valve size shall be nominal 6". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>



BB0208A

344. 8" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by mechanical joint. Valve size shall be nominal 8". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (EAST JORDON) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>15</u>	_____	_____	_____	_____

BB0208B

345. 8" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by flange joint. Valve size shall be nominal 4". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

BB0210A**346. 10" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by mechanical joint. Valve size shall be nominal 10". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

BB0212A**347. 12" Gate Valve**

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by mechanical joint. Valve size shall be nominal 12". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____



BB0212B

348. 12" Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem hole, fully encapsulated in rubber; open left; two o-ring seals above the stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by flange joint. Valve size shall be nominal 12". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe) (American Darling) (Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

BB0216B

349. 16" Flanged Gate Valve

Gate valve shall conform to the following specifications; full pot valve for size stated; resilient seated wedge type; non-rising stem; fusion bonded epoxy coated inside and outside, eight (8) mil minimum conforming to AWWA C550; cast iron or ductile iron body, bonnet and gate; bronze stem; bronze stem nut; gate, including stem thrust collar; thrust washer or bearing above stem collar; two inch square stem operating nut; corrosion resistant plated steel hardware; gate shall engage body in a tongue and groove manner; gate shall have a dual seal to valve body and have zero leakage with at least 200 psi water pressure from either direction; end connections shall be flange joint by flange joint. Valve size shall be nominal 16". Valve shall conform to AWWA C509, latest revision.

(U.S. Pipe)(American Darling)(Mueller) (East Jordon) (M&H)

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>2</u>	_____	_____	_____	_____

MEGALUG

SPECIFICATIONS:

Megalug Mechanical Joint Restraint (1100 Series) for C-900 Pipe & IPS PVC pipe (EBAA Iron) (Ford Uni-Flange) (Kit's)

GL1704O

364
4"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1706O

365.
6"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

GL1708O

366.
8"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1710O

367.
10"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219 or 657-4220

GL17120

368.
12"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL17140

369.
14"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL17160

370.
16"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL17180

371.
18"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL17200

372.
20"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1724O

373.
24"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1730O

374.
30"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>04</u>	_____	_____	_____	_____

GL1736O

375.
36"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1742O

376.
42"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____

GL1748O

377.
48"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>10</u>	_____	_____	_____	_____



CITY OF SAN ANGELO
PURCHASING DEPARTMENT
72 West College Avenue, San Angelo, Texas 76903
Tel: (325) 657-4219 or 657-4220

Megaflange Flange Adapter

SPECIFICATIONS:

Megaflange – Flange Adapter Series 2100, (EBAA Iron)

GL1804O

378.

4"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL1806O

379.

6"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>6</u>	_____	_____	_____	_____

GL1808O

380.

8"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>8</u>	_____	_____	_____	_____

GL1810O

381.

10"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18120382.
12"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>8</u>	_____	_____	_____	_____

GL18140383.
14"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18160384.
16"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18180385.
18"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18200386.
20"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____



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GL18240

387.
24"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18300

388.
30"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

GL18360

389.
36"

TOTAL EACH	UNIT PRICE	EXT TOTAL	BRAND NAME	DELIVERY TIME
<u>4</u>	_____	_____	_____	_____

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CITY OF SAN ANGELO
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- ☐ Submit your Bid on the **WU-04-14 Parts and Supplies Bid Submission Sheet.xls**
- ☐ Refer to Instructions to Bidders before completing Bid Sheet and quote your best price F.O.B. destination, on each item.
- ☐ All respondents are responsible for verifying if any addendums have been issued prior to submitting a bid. Furthermore all respondents must agree that the prices(s) quoted in their bid reflects all changes or modifications created by all addendum(s). Respondents are highly encouraged to visit our website at www.cosatx.us or call (325) 657-4219 prior to submitting their bid.
- ☐ Any brand names referenced in this RFB are solely for establishing a product minimum standard.

Note: Should there be any differences between the unit price and the extended pricing calculations, the unit price will prevail. Bid Authorized Signature/Contact Information Sheet

Firm Name: _____
Mailing Address: _____
City, State Zip Code: _____
Authorized Signature: _____
Print Name/Title: _____ Date: _____
Tax ID: _____
Payment Terms/Discount _____ Email: _____
Telephone: _____ FAX: _____

Bids which are not signed and dated or bids which do not comply with all of bid requirements herein, may be considered non-responsive and may be rejected.

Attach IRS Form W-9

Bids which are not signed and dated or bids which do not comply with all of bid requirements herein, may be considered non-responsive and may be rejected.

- **Delivery:** _____ **Calendar days subsequent to receipt of valid Purchase Order/Procurement Card Order. Time is of the essence in the delivery of these items.**
- **May this item be purchased at bid price with a Procurement Card? Yes_____No _____**
Are prices based on a purchasing cooperative or Government contract? Yes_____No _____
- **If Yes: Name of Cooperative; _____ Contract No _____**
Percent Discount for items ordered but not included in Bid _____%
- **Vendor Agrees to allow Piggy-Back Procurements Yes_____ No _____**

THIS FORM MUST BE RETURNED WITH THE BID

Intentionally Left Blank



No Bid Reply Form

If for any reason, you are not submitting a bid/proposal, please check one or more reasons below and return the form to us either by mail or by email to sapurch@cosatx.us in order to remain in our database for these types of products or services.

By providing us this information, we hope to improve future Request packages that will elicit your participation.

===== # # # =====

PLEASE PRINT

We wish to **Remain On ()/Deleted From ()** the list of bidders for the City of San Angelo

A. We hereby submit a "No Bid" because:

- () 1. We are not interested in selling through the bid process.
- () 2. We are unable to prepare the bid form in time to meet the due date.
- () 3. We do not wish to bid under the terms and conditions of the Request for Bid/Proposal. OBJECTIONS: _____

- () 4. We do not feel we can be competitive.
- () 5. We cannot submit a bid because of the marketing or franchising policies of the manufacturing company.
- () 6. We do not wish to sell to the City of San Angelo. OBJECTIONS: _____

- () 7. We do not sell the items or provide the services requested.
- () 8. Other: _____

Firm _____

Signed _____

Thank you for your assistance!