

INVITATION TO BID

ITB # 4283

2013 SPRING INFRASTRUCTURE COMPONENTS BID



Due Date: Tuesday, May 7, 2013 by 10 a.m.

Issued By:
City of Ann Arbor
Procurement Unit
301 E. Huron Street
Ann Arbor, MI 48104

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ADVERTISEMENT TO BID
CITY OF ANN ARBOR
2013 SPRING INFRASTRUCTURE COMPONENTS BID
ITB #4283

Sealed Bids will be received by the City of Ann Arbor Procurement Unit, Fifth (5th) Floor, Guy Larcom City Hall, on or before Tuesday, May 7, 2013 by 10:00 AM for the purchase of Infrastructure Components. Bids will be publicly opened and read aloud at this time.

Awarded bidder will supply infrastructure components that comply with the specifications in this document.

Bid documents, specifications, plans and addendum shall be downloaded by bidders at either of the following web sites, Michigan Inter-governmental Trade Network (MITN) www.mitn.info or City of Ann Arbor web site www.A2gov.org. It is the bidder's responsibility to verify they have obtained all information before submitting a bid.

Each Bid shall be accompanied by a certified check, or Bid Bond by a recognized surety, in the amount of 5% of the total of the bid price.

A Bid, once submitted, becomes the property of the City. In the sole discretion of the City, the City reserves the right to allow a bidder to reclaim submitted documents provided the documents are requested and retrieved no later than 48 hours prior to the scheduled bid opening.

Precondition for entering into a contract with the City of Ann Arbor: Compliance with Chapter 112 of Title IX of the Code of the City of Ann Arbor. Further information is outlined in the contract documents.

After the time of opening, no Bid may be withdrawn for a period of sixty (60) days.

The City reserves the right to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

Any further information may be obtained from the Ann Arbor Procurement Office, (734) 794-6500.

CITY OF ANN ARBOR PROCUREMENT UNIT

INSTRUCTIONS TO BIDDERS

General

The City of Ann Arbor's Procurement Office is soliciting bids for the purchase of Infrastructure Components to be configured as specified in this document.

Any Bid which does not conform fully to these instructions may be rejected.

Preparation of Bids

Bids should be prepared providing a straight-forward, concise description of the Bidder's ability to meet the requirements of the ITB. Bids shall be written in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed and dated in ink by the person signing the Bid.

Bids must be submitted on "Bid Forms" provided with each blank properly filled in. Each section and sub-section of each item must be marked clearly as to it meeting the City's specifications completely or not. Any deviation from the specification must be fully described, in detail on the "Alternate" section of Bid form. If forms are not fully completed it may disqualify the bid.

Each person signing the Bid certifies that he/she is the person in the Bidder's firm/organization responsible for the decision as to the fees being offered in the Bid and has not and will not participated in any action contrary to the terms of this provision.

Questions or Clarification on ITB Specifications

All questions regarding this ITB shall be submitted via email. Emailed questions and inquires will be accepted from any and all prospective Bidders in accordance with the terms and conditions of the ITB.

All questions shall be due on or before Tuesday, April 30, 2013 by 3:00 and should be addressed as follows:

Specification questions emailed to Dan Wooden, Field Operations Supervisor, dwooden@a2gov.org.

Bid Process and HR Compliance questions emailed to Karen Lancaster, Finance Director at KLancaster@a2gov.org

Errors/Discrepancies

Any errors or discrepancies in the specifications discovered by a prospective contractor shall be brought to the attention of Dan Wooden, Field Operations Supervisor at dwooden@a2gov.org as soon after discovery as possible. Further, the contractor and/or service provider shall not be allowed to take advantage of errors, omissions or discrepancies in the specifications.

Addenda

If it becomes necessary to revise any part of the ITB, notice of the Addendum will be posted to Michigan Inter-governmental Trade Network (MITN) www.mitn.info and/or City of Ann Arbor web site www.A2gov.org for all parties to download.

In order to avoid any miscommunications, each Bidder must in its Bid acknowledge all addenda which it has received, but the failure of a Bidder to receive, or acknowledge receipt of; any addenda shall not relieve the Bidder of the responsibility for complying with the terms thereof.

The City will not be bound by oral responses to inquiries or written responses other than written addenda.

Bid Submission

All Bids are due and must be delivered to the City of Ann Arbor Procurement Unit on or before Tuesday, May 7, 2013 at 10:00 a.m. Bids submitted late or via oral, telephonic, telegraphic, electronic mail or facsimile **will not** be considered or accepted.

Each Bidder must submit one (1) original Bid and one (1) Bid copy in a sealed envelope clearly marked: **ITB# 4283 – 2013 SPRING INFRASTRUCTURE COMPONENTS BID.**

Bids must be addressed and delivered to:

City of Ann Arbor
Procurement Unit, 5th Floor
301 East Huron Street
P.O. Box 8647
Ann Arbor, MI 48107

All Bids received on or before the Due Date will be publicly opened and recorded immediately. No immediate decisions are rendered.

Hand delivered Bids should be date/time stamped/signed by the Procurement Unit at the address above in order to be considered. Normal business hours are 9:00 a.m. to 3:00 p.m. Monday through Friday, except holidays. The City will not be liable to any Bidder for any unforeseen circumstances, delivery or postal delays. Postmarking to the Due Date will not substitute for receipt of the Bid. Each Bidder is responsible for submission of their Bid.

Additional time will not be granted to a single Bidder; however, additional time may be granted to all Bidders when the City determines that circumstances warrant it.

Award

The City intends to award the bid to the lowest responsible Bidder. The City may also utilize alternatives offered in the Bid Forms, if any, to determine the lowest responsible Bidder.

Responsible bidder means a bid submitted, which conforms in all aspects of the requirements set forth in the invitation to bid. All aspects could include references, past experience, past performance, and qualifications.

The City will issue a purchase order to the successful Bidder. The award of this Bid is made only on the precise terms appearing in this Bid, including but not limited to the terms of the City's purchase order (see pg. 6 below), The City will not agree to any proposed addition, alteration or deletion of the terms stated.

Official Documents

The City of Ann Arbor shall accept no changes to the bid documents made by the Bidder unless those changes are set forth in the "Alternate" section of Bid form.

The City of Ann Arbor officially distributes bid documents from the Procurement Unit or through the Michigan Intergovernmental Trade Network (MITN). Copies of the bid documents obtained from any other source are not considered Official copies. Only those Bidders who obtain bid documents from MITN system are guaranteed access to receive addendum information if any issued. If you obtained City of Ann Arbor Bid documents from other sources, it is recommended that you register on www.MITN.info and obtain an official Bid.

Bid Security

Each bid must be accompanied by a certified check, or Bid Bond by a surety licensed and authorized to do business within the State of Michigan, in the amount of 5% of the total of the bid price.

Withdrawal of Bids

After the time of opening, no Bid may be withdrawn for the period of sixty (60) days.

Disclosures

All information in a submitter's bid is subjected to disclosure under the provisions of Public Act No. 442 of 1976 know as the "Freedom of Information Act". This act also provides for the complete disclosure of contracts and attachments thereto except where specifically exempted under the Freedom of Information Act.

Bid Protest

All Bid protests must be in writing and filed with the Purchasing Agent within five (5) business days of the award action. The bidder must clearly state the reasons for the protest. If a bidder contacts a City Service Area/Unit and indicates a desire to protest an award, the Service Area/Unit shall refer the bidder to the Purchasing Agent. The Purchasing Agent will provide the bidder with the appropriate instructions for filing the protest. The protest shall be reviewed by the City Administrator or designee who's decision shall be final.

Reservation of Rights

The City of Ann Arbor reserves the right to accept any bid or alternative bid proposed in whole or in part, to reject any or all bids or alternatives bids in whole or in part and to waive irregularity and/or informalities in any bid and to make the award in any manner deemed in the best interest of the City.

City of Ann Arbor: General Terms and Conditions

The following General Terms and Conditions shall apply to all purchases by or on behalf of the City of Ann Arbor unless specifically provided otherwise on the front of this Document:

Tax Exemption: The City of Ann Arbor is tax exempt, ID# 38-6004534.

Acceptance of Contract: This order is the City's contract to purchase the goods and services described on the reverse front side of this document from the Vendor. The City's placement of this order is expressly conditioned upon the Vendor's acceptance of all the terms and conditions of purchase contained on or attached to this purchase order. All specifications, drawings, and data submitted to the Vendor with this order are hereby incorporated and made part hereof.

Amendments: No agreement or understanding to modify this contract shall be binding upon the City unless in writing and signed by the City's authorized agent.

Delivery: All prices must be F.O.B. delivery point. Time is of the essence on this contract. If delivery dates cannot be met, the Vendor agrees to advise the City, in writing of the earliest possible shipping date. The City reserves the right to cancel or purchase elsewhere and hold the Vendor accountable.

Risk of Loss: Regardless of F.O.B. point, the Vendor agrees to bear all risk of loss, injury, or destruction of goods and materials ordered herein which may for any reason occur prior to delivery or acceptance by the City, whichever is later. No such loss, injury, or destruction shall release the Vendor from any obligations hereunder.

Inspection: Goods and materials must be properly packaged. Damaged goods and materials will not be accepted. The City reserves the right to inspect the goods at a reasonable time subsequent to delivery where circumstances or conditions prevent effective inspection of the goods at the time of delivery. All rejected goods shall be returned to the Vendor at no cost to the City, whether the damage is readily apparent at the time of delivery or later. The City's acceptance is conditioned on such inspection.

Patents and Copyrights: If an article sold and delivered to the City hereunder shall be protected by any applicable patent or copyright, the Vendor agrees to indemnify and save harmless the City, from and against any and all suits, claims, judgments, and costs instituted or recovered against it by any person whomsoever on account of the use or sale of such articles by the City in violation or right under such patent or copyright.

Uniform Commercial Code: All applicable portions of the Michigan Uniform Commercial Code shall govern contracts for goods with the City of Ann Arbor; except as modified by contract documents.

Non-waiver of Rights: No failure of either party to exercise any power given to it hereunder or to insist upon strict compliance by the other party with its obligations hereunder, and no custom or practice of the parties at variance with the terms hereof, nor any payment under this agreement shall constitute a waiver of either party's right to demand exact compliance with the terms hereof.

Material Safety Data Sheets: Applicable Material Safety Data Sheets, in compliance with

OSHA/MIOSHA hazard communication regulations/standards, must be provided by the Vendor to the City at the time of purchase.

Assignments: The Vendor agrees not to assign or transfer this contract or any part thereof without the written consent of the City of Ann Arbor, acting through its authorized representative. Any unauthorized assignment may subject the contractor to immediate termination.

Laws Governing: This contract shall be governed by and construed according to the laws of the State of Michigan. Vendor agrees to submit to the jurisdiction and venue of the Circuit Court of Washtenaw County, MI, or if original jurisdiction is established, the U.S. District Ct. for Eastern District of MI, Southern Division. The Vendor stipulates venues referenced are convenient and waives any claim of non-convenience.

Prevailing Wage: It shall be the responsibility of the Vendor to comply, when applicable, with the prevailing wage requirements and/or the Davis-Bacon Act as amended.

Living Wage: It shall be the responsibility of the Vendor to comply, when applicable, with the City of Ann Arbor's Living Wage Ordinance as defined in Chapter 23, Section 1:811-1:821.

Non-Discrimination: It shall be the responsibility of the Vendor to comply, when applicable, with, all State, Federal and Local non-discrimination laws, including MCL 37.2209 and City Ordinance Chapter 112, Section 9:161.

Indemnification: To the fullest extent permitted by law the Vendor shall indemnify, defend and hold the City, its officers, employees and agents harmless from all suits, claims, judgments and expenses including attorney's fees resulting or alleged to result from any act or omission, associated with the performance of this contract by the Vendor or anyone acting on the Vendor's behalf under this contract. The Vendor shall not be responsible to indemnify the City for losses or damages caused by or resulting from the City's sole negligence. This indemnity survives delivery and acceptance of the Vendor's goods and services.

Warranty: The Vendor warrants to the City that all goods and services furnished hereunder will conform in all respects to the terms of this contract, including any drawings, specifications and standards incorporated herein. In addition, the Vendor warrants the goods and services are suitable for and will perform in accordance with the purposes for which they were intended.

Payment Terms: The City of Ann Arbor's payment terms are net 30. The payment date will be calculated based on the invoice receipt date or delivery date, whichever is later.

Payments: All invoices for goods and services shall be emailed to accountspayable@a2gov.org. Mailed invoices shall be addressed to the City of Ann Arbor, Accounts Payable, P.O. Box 8647, Ann Arbor, MI 48107, as indicated on the front of this purchase order. Invoices must include the Vendor's name, phone number, and clearly listed item descriptions, quantities and units of measure. The Vendor acknowledges and understands that invoices not addressed as stated above shall have the net 30 begin once the invoice is received by Accounts Payable.

Compliance with Laws: The Vendor certifies that in performing this contract it will comply with all applicable provisions of Federal, State and Local laws, regulations, rules and orders.

Termination for Cause: In the event the Vendor fails, at any time, to comply with, fully perform or strictly adhere to any covenant, condition or representation contained within the contract, the City shall have the right to give written notice to Vendor of such failure. If such failure is not cured to the City's satisfaction within ten (10) business days from the time of delivery to Vendor of such notice, the City shall have the right to terminate immediately without the requirement of a further notice.

Additional Terms

For this Invitation to Bid the following terms modifying the City's Standard General Terms and Conditions shall apply:

Delivery

Product will be shipped FOD (destination).

Except as modified above, all other terms of delivery stated in the City's Standard General Terms and Conditions apply.

Debarment

Submission of a Bid in response to this ITB is certification that the Bidder is not currently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal departments or agency. Submission is also agreement that the City will be notified of any changes in this status.

Bidder's Responsibility

The basic unit and all required components shall be compatible and are recommended for use in combination by the manufacturer. It shall be the bidder's responsibility to insure that all components operate according to manufacturer's recommendations in regard to operation speed, imposed load, etc., and to deliver a functionally complete unit, complying with good engineering and accepted commercial practice and in accordance with the intent and details of the specifications.

Failure To Fulfill Guarantee

In the event of the failure of any equipment within the guarantee period to meet the requirements of the detailed specifications, or failure to perform satisfactorily in service, such failure shall be adequate cause and justification for rejection of any or all equipment furnished under these "detailed specifications."

Inspection

Any materials, workmanship, or equipment, which may be discovered to be defective within the guarantee period, shall be removed and made good by the contractor at their expense regardless of any previous inspection or final acceptance.

If any campaign change made necessary by improper material, improper installation or material or faulty designs, the campaign change shall be made and the cost shall be borne by the manufacturer.

Except as modified above, all other terms of Inspection stated in the City's Standard General Terms and Conditions apply.

INVITATION TO BID

City of Ann Arbor
Guy C. Larcom Municipal Building
Ann Arbor, Michigan 48107

Ladies and Gentlemen:

The undersigned, as Bidder, declares that this Bid is made in good faith, without fraud or collusion with any person or persons bidding on the same Contract; that this Bidder has carefully read and examined the bid documents, including Advertisement, Human Rights Division Contract Compliance Forms, Instructions to Bidders, Bid, Bid Forms, General Conditions, Standard Specifications, Detailed Specifications, all Addenda, and understands them. The Bidder also declares that it has extensive experience in supplying goods/services as per the ITB specifications.

The Bidder acknowledges that it has not received or relied upon any representations or warrants of any nature whatsoever from the City of Ann Arbor, its agents or employees, and that this Bid is based solely upon the Bidder's own independent business judgment.

In accordance with these bid documents, and Addenda numbered _____, the undersigned, as Bidder, proposes to supply vehicles following the specification included herein for the amounts set forth in the Bid Forms.

The Bidder encloses a certified check or Bid Bond in the amount of 5% of the total of the Bid Price.

In submitting this Bid, it is understood that the right is reserved by the City to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

The undersigned agrees that if the bid is accepted by the City of Ann Arbor a binding contract will be in effect for the delivery of the goods in accordance with the bid.

SIGNED THIS _____ DAY OF _____, 2013__.

Bidder's Name

Authorized Signature of Bidder

Official Address

(Print Name of Signer Above)

Telephone Number

Email Address for Award Notice

LEGAL STATUS OF BIDDER

(The Bidder shall fill out the appropriate form and strike out the other two.)

Bidder declares that it is:

* A corporation organized and doing business under the laws of the state of _____, for whom _____, bearing the office title of _____, whose signature is affixed to this Bid, is authorized to execute contracts.

* A partnership, list all members and the street and mailing address of each:

Also identify the County and State where partnership papers are filed:

County of _____, State of _____

* An individual, whose signature with address, is affixed to this Bid: _____
(initial here)

SPECIFICATIONS AND BID FORM

Section1- Itemized Pricing

Group 1:

BENDS, 12" 22 1/2 DEGREE MJ

12" Ductile Iron Mechanical Joint Compact 22 1/2 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND011

Quantity 2

Price per unit _____

Total price _____

BENDS, 16" 22 1/2 DEGREE MJ

16" Ductile Iron Mechanical Joint Compact 22 1/2 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND013

Quantity 2

Price per unit _____

Total price _____

BENDS, 20" 22 1/2 DEGREE MJ

20" Ductile Iron Mechanical Joint Compact 22 1/2 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND014

Quantity 2

Price per unit _____

Total price _____

BENDS, 8" 45 DEGREE MJ

8" Ductile Iron Mechanical Joint Compact 45 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND020

Quantity 3

Price per unit _____

Total price _____

BENDS, 12" 45 DEGREE MJ

12" Ductile Iron Mechanical Joint Compact 45 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories including cor blue plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND023

Quantity 2

Price per unit _____

Total price _____

BENDS, 14" 45 DEGREE

14" Ductile Iron Mechanical Joint Compact 45 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND025

Quantity 2

Price per unit _____

Total price _____

BENDS, 16" 45 DEGREE MJ

16" Ductile Iron Mechanical Joint Compact 45 Degree Bend, meeting AWWA specification C153, with standard thickness cement-mortar lining meeting AWWA specification C104, coated inside & outside with a Petroleum – asphaltic coating meeting AWWA specification C110, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Bend should be manufactured by American. Clow, Griffin, Tyler or Union.

WBEND026

Quantity 2

Price per unit _____

Total price _____

Group 2:

CURB BOX COMPLETE

Cast Iron buffalo screw type curb boxes complete, with 2.5" diameter shaft, two piece, size 95E, with extension range 41" to 64". The word "WATER" shall be cast in raised letters on the lid. Quote only Bibby ste. Croix B-2000 series, V009; or Tyler 6500 series. 3/98: Add to the spec: Ship only completely assembled units, not separate components. (We want top half/lid & bottom half screwed together & Shipped as a complete unit.)

WBOX001

Quantity 100

Price per unit _____

Total price _____

CURB BOX LARGE BASE (BIGFOOT)

Cast Iron enlarged curb box base, for buffalo screw type curb box, to accommodate 2" curb valve stop. Quote only Bibby Ste. Croix B-2101, V313: Or Tyler 6500 series, item 6500.

WBOX003

Quantity 40

Price per unit _____

Total price _____

CURB BOX EXTENSION, 9"

Cast Iron curb box size 151 Extension for buffalo screw type curb box to extend curb box structure 9". Quote only Bibby Ste. Croix B-2000 series, V222, Item 151; OR Tyler 6500 series. Item 151.

WBOX004

Quantity 100

Price per unit _____

Total price _____

CURB BOX EXTENSION, 16"

Cast Iron curb box size 152 Extension for buffalo screw type curb box to extend curb box structure 16". Quote only Bibby Ste. Croix B-2000 series, V223, Item 152; OR Tyler 6500 series. Item 152.

WBOX005

Quantity 100

Price per unit _____

Total price _____

CURB BOX REPAIR LID

“Old style outside repair lid for Cast iron buffalo screw type curb box with 2.5” diameter shaft. The word “Water” shall be cast in raised letters on top surface of lid.”

WBOX006

Quantity 100

Price per unit _____

Total price _____

VALVE BOX EXT/GB TOP 1/2 EXT 14”

WVALVE012

Quantity 25

Price per unit _____

Total price _____

GATE BOX COMPLETE

Cast Iron valve box complete, with 5.25” diameter shaft, screw type, three piece valve box. The word “Water” shall be cast in raised letters on the lid. Quote only Tyler 6860 series. Item D; No alternatives. Gate box complete consist of 1-Top section, 1-Bottom section, 1 - #6 Base (regular base) 1 - Drop lid.

WBOX007

Quantity 130

Price per unit _____

Total price _____

GATE BOX TOP 1/2, WITH LID

Cast Iron valve box top section with lid to fit 5.25” diameter shaft, screw type, three piece valve box. The word “Water” Shall be cast in raised letters on the lid. Quote only Tyler, 6860 Series, Item D, top section lid; No Alternates.

WBOX008

Quantity 50

Price per unit _____

Total price _____

GATE BOX EXTENSION, 14"

Cast Iron valve box #58 Extension, for Tyler 6860 Item D Cast Iron valve box. Quote only Tyler 6860 Series, #58. No Alternates. Overall length of this extension is 18”; it raises a gate box structure 14” maximum.

WBOX010

Quantity 20

Price per unit _____

Total price _____

GATE BOX EXTENSION, 18" & 20"

Cast Iron valve box #59 Extension, for Tyler 6860 Item D Cast Iron valve box. Quote only Tyler 6860 Series, #59 Extension. No Alternates. Overall length of this Tyler extension is 24”; it raises a gate box structure 18” maximum.

WBOX011

Quantity 20

Price per unit _____

Total price _____

GATE BOX REGULAR BASE (#6)

Cast Iron valve box #6 Base, for Tyler 6860 Item D Cast Iron valve box. Quote only Tyler 6860 Series, #6 Gate Extension. No Alternates.

WBOX012

Quantity 20

Price per unit _____

Total price _____

GATE BOX SMALL BASE (#4)

Cast Iron valve box #4 Base, for Tyler 6860 Item D Cast Iron valve box. Quote only Tyler 6860 Series, #4 Gate Extension. No Alternates.)

WBOX013
Quantity 30
Price per unit _____

Group 3:

CAPS, 4" MJ

Ductile Iron Mechanical Joint Water Main Cap. Meeting AWWA specification C110, pressure Class350 Coated Inside and Outside with a bituminous coating Meeting AWWA specification C104, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Cap should be manufactured by American. Clow, Griffin, Tyler or Union.

WCAPS001
Quantity 2
Price per unit _____
Total price _____

CAPS, 8" MJ

Ductile Iron Mechanical Joint Water Main Cap. Meeting AWWA specification C110, pressure Class350 Coated Inside and outside with a bituminous coating Meeting AWWA specification C104, complete with accessories cor blue including plain rubber mechanical joint gaskets. No mega lug restrained joint mechanical joint. Cap should be manufactured by American. Clow, Griffin, Tyler or Union.

WCAPS003
Quantity 2
Price per unit _____
Total price _____

COUPLING, 4"-4" TRANSITION

4" to 4" Transition coupling joins 5.11"-55.45" O.D AC Pipe to 4.80"-5.10" O.D. DI pipe. Quote only Smith-Blair Omni Coupling 441-05450510-900.

WCPLNGS001
Quantity 2
Price per unit _____
Total price _____

COUPLING, 6"-6" TRANSITION

6"-6" Transition joins 7.25"-7.65 O.D AC Pipe to 6.90-7.22" O.D. DI Pipe. Quote only Smith –Blair Omni Coupling. 441-07650722-900

WCPLNGS002
Quantity 2
Price per unit _____
Total price _____

Group 4:

GLAND, 6" MEGALUG JOINT RESTRAINT

6" Megalug 1106 solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SC series style split ring design. Accessories cor-blue.

WGLANDS001
Quantity 100
Price per unit _____
Total price _____

GLAND, 8" MEGALUG JOINT RESTRAINT

8" Megalug 1108 solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110Sd series style split ring design. Accessories cor-blue.

WGLANDS002

Quantity 100

Price per unit _____

Total price _____

GLAND, 10" MEGALUG JOINT RESTRAINT

10" Megalug 1110 solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SD series style split ring design. Accessories cor-blue.

WGLANDS003

Quantity 50

Price per unit _____

Total price _____

GLAND, 12" MEGALUG JOINT RESTRAINT

12" Megalug 1112 solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SD series style split ring design. Accessories cor-blue.

WGLANDS004

Quantity 50

Price per unit _____

Total price _____

GLAND, 16" MEGALUG JOINT RESTRAINT

16" Megalug 1116 Solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SD series style split ring design. Accessories cor-blue.

WGLANDS005

Quantity 14

Price per unit _____

Total price _____

GLAND, 20" MEGALUG JOINT RESTRAINT

20" Megalug 1120 Solid ring, wedge-action, self-actuating, mechanical joint restraint, complete; for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SD series style split ring design. Accessories cor-blue.

WGLANDS006

Quantity 4

Price per unit _____

Total price _____

GLAND, 4" MEGALUG JOINT RESTRAINT

4" Megalug 1100 Series solid ring, wedge-action, self-actuating, mechanical joint restraint, complete with gaskets and bolts for ductile iron water main. This is the Megalug 1100 series style solid ring design; NOT the Megalug 110SD series style split ring design. Accessories cor-blue.

WGLANDS007

Quantity 26

Price per unit _____

Total price _____

GLAND, 10"

10" Gland pack for ductile iron mechanical joint water main, complete with gland, bolts, & plain rubber gasket, meeting AWWA specification C110 or C153. Quote only American, Clow, Griffin, Tyler, or Union

WGLANDS011

Quantity 20

Price per unit _____

Total price _____

GLAND, 16"

16" Gland pack for ductile iron mechanical joint water main, complete with gland, bolts, & plain rubber gasket, meeting AWWA specification C110 or C153. Quote only American, Clow, Griffin, Tyler, or Union

WGLANDS013

Quantity 10

Price per unit _____

Total price _____

Group 5:

EJ, FIRE HYDRANT, 5.5ft BURY

Midwest fire hydrant complete; 5-5' bury mechanical joint, traffic flange, opens, left, no barrel drain, a painted red finish, with two 2.5" National standard hose connections, one 3.5" Ann Arbor standard pumper connection, with 7.5 threads per inch and 4.05" O.D 1-3/8 pentagon operating and cap nuts. Mechanical joints shall be Mega lug joint restraint system manufactured by EBAA Iron Sales, Inc.

WHYDRAN001

Quantity 10

Price per unit _____

Total price _____

EJ, FIRE HYDRANT, 6ft BURY

Midwest fire hydrant complete; 6' bury mechanical joint, traffic flange, opens, left, no barrel drain, a painted red finish, with two 2.5" National standard hose connections, one 3.5" Ann Arbor standard pumper connection, with 7.5 threads per inch and 4.05" O.D 1-3/8 pentagon operating and cap nuts. Mechanical joints shall be Mega lug joint restraint system manufactured by EBAA Iron Sales, Inc.

WHYDRAN003

Quantity 5

Price per unit _____

Total price _____

EJ, 6" HYDRANT EXTENSION KIT-Complete

WHYDRAN035

Quantity 5

Price per unit _____

Total price _____

EJ, 12" HYDRANT EXTENSION KIT-Complete

WHYDRAN036

Quantity 5

Price per unit _____

Total price _____

EJ 6 BR CONVERSION CHATTER KIT

WHYDRAN078

Quantity 10

Price per unit _____

Total price _____

EJ, 5 BR CONVERSION KIT FOR TC HYDRANT REPLACEMENT

Midwest fire hydrant complete; 6' bury mechanical joint, traffic flange, opens, left, no barrel drain, a painted red finish, with two 2.5" National standard hose connections, one 3.5" Ann Arbor standard pumper connection, with 7.5 threads per inch and 4.05" O.D 1-3/8 pentagon operating and cap nuts. Mechanical joints shall be Mega lug joint restraint system manufactured by EBAA Iron Sales, Inc.

WHYDRAN079

Quantity 10

Price per unit _____

Total price _____

EJIW 5BR250 BRKFLG Rep Kit – Black

WHYDRAN082

Quantity 15

Price per unit _____

Total price _____

EJ BREAK FLANGE REPAIR KIT

EJ Break flange repair kit. Kit includes: 8 nuts and bolts, 2 breakaway flange halves, 1 gasket, 1 cotter pin, 1 stem coupling and 2 hairpin cotter keys.

WHYDRAN085

Quantity 12

Price per unit _____

Total price _____

EJIW HAR 4" STORTZ NOZZLE CAP F/4-1/2" PORT

WHYDRAN086

Quantity 6

Price per unit _____

Total price _____

EJIW 5BR250 12" WATERMASTER HYDRANT EXTENSION ASSEMBLY

WHYDRAN089

Quantity 6

Price per unit _____

Total price _____

EJIW 5BR250 6" WATERMASTER HYDRANT EXTENSION ASSEMBLY

WHYDRAN090

Quantity 4

Price per unit _____

Total price _____

Group 6:

PIPE, DUCTILE IRON 4" TJ

4" Ductile iron water main, slip joint, class 350.

WPIPE 007

Quantity 2

Price per unit _____

Total price _____

PIPE, DUCTILE IRON 6" TJ

6" Ductile iron push-on single gasket joint water main pipe meeting AWWA specification C151 with standard thickness cement mortar lining and asphaltic seal coat meeting AWWA specification C104 and coated outside with an asphaltic coating meeting AWWA specification C151. Pipe shall be class 50 minimum/pressure class 350. Push-on joints shall be single gasket joints meeting AWWA specification C111. Pipe shall be manufactured by American, Clow, Griffin, or US Pipe and shipped complete with gasket.

WPIPE 008

Quantity 1

Price per unit _____

Total price _____

PIPE, DUCTILE IRON 8" TJ

8" Ductile iron push-on single gasket joint water main pipe meeting AWWA specification C151 with standard thickness cement mortar lining and asphaltic seal coat meeting AWWA specification C104 and coated outside with an asphaltic coating meeting AWWA specification C151. Pipe shall be class 50 minimum/pressure class 350. Push-on joints shall be single gasket joints meeting AWWA specification C111. Pipe shall be manufactured by American, Clow, Griffin, or US Pipe and shipped complete with gasket.

WPIPE 009

Quantity 1

Price per unit _____

Total price _____

PIPE, DUCTILE IRON 10" MJ

10" Ductile iron push-on single gasket joint water main pipe meeting AWWA specification C151 with standard thickness cement mortar lining and asphaltic seal coat meeting AWWA specification C104 and coated outside with an asphaltic coating meeting AWWA specification C151. Pipe shall be class 50 minimum/pressure class 350. Push-on joints shall be single gasket joints meeting AWWA specification C111. Pipe shall be manufactured by American, Clow, Griffin, or US Pipe and shipped complete with gasket.

WPIPE 011

Quantity 1

Price per unit _____

Total price _____

PIPE, DUCTILE IRON 16" TJ

16" Ductile iron push-on single gasket joint water main pipe meeting AWWA specification C151 with standard thickness cement mortar lining and asphaltic seal coat meeting AWWA specification C104 and coated outside with an asphaltic coating meeting AWWA specification C151. Pipe shall be class 50 minimum/pressure class 350. Push-on joints shall be single gasket joints meeting AWWA specification C111. Pipe shall be manufactured by American, Clow, Griffin, or US Pipe and shipped complete with gasket.

WPIPE 014

Quantity 2

Price per unit _____

Total price _____

Group 7:

PLUGS, 4" MJ

Mechanical Joint plug includes the ductile iron plug and a rubber gasket. A MJ plug is used on mechanical joint bell end water main. A thrust block behind a mechanical joint plug is not necessary.

WPLUGS 004

Quantity 4

Price per unit _____

Total price _____

PLUGS, 6" MJ

6" Ductile Iron Mechanical joint water main plug. Meeting AWWA Spec C110, Pressure Class 350, Coated Inside and Outside with a bituminous coating meeting AWWA Spec C104, Complete with Plain rubber mechanical joint gasket. Plug shall be manufactured by American, Clow, Griffin, Tyler or Union.

WPLUGS 006

Quantity 4

Price per unit _____

Total price _____

PLUGS, 8" MJ

8" Mechanical Joint plug includes the ductile iron plug and a rubber gasket. A MJ plug is used on mechanical joint bell end water main. A thrust block behind a mechanical joint plug is not necessary.

WPLUGS 008

Quantity 2

Price per unit _____

Total price _____

PLUGS, 12" MJ

12" Ductile Iron Mechanical joint water main plug. Meeting AWWA Spec C110, Pressure Class 350, Coated Inside and Outside with a bituminous coating meeting AWWA Spec C104, Complete with Plain rubber mechanical joint gasket. Plug shall be manufactured by American. Clow, Griffin, Tyler or Union.

WPLUGS 010

Quantity 2

Price per unit _____

Total price _____

PLUGS, 16" MJ

16" Ductile Iron Mechanical joint water main plug. Meeting AWWA Spec C110, Pressure Class 350, Coated Inside and Outside with a bituminous coating meeting AWWA Spec C104, Complete with Plain rubber mechanical joint gasket. Plug shall be manufactured by American. Clow, Griffin, Tyler or Union.

Quantity 4

Price per unit _____

Total price _____

REDUCER, 6" X 4" MJ

6" Bell 4" PE

WREDUCE005

Quantity 2

Price per unit _____

Total price _____

REDUCER, 8" X 6" MJ

8" Bell 6" PE

WREDUCE008

Quantity 1

Price per unit _____

Total price _____

REDUCER, 12" X 6" MJ

12"PE 6" Bell

WREDUCE0012

Quantity 1

Price per unit _____

Total price _____

REDUCER, 12" X 10" MJ (LEB)

WREDUCE014

Quantity 1

Price per unit _____

Total price _____

REDUCER, 16" X 12" MJ

WREDUCE016

Quantity 1

Price per unit _____

Total price _____

REDUCER, 20" X 12" MJ

20" PE 12" Bell

WREDUCE018

Quantity 1

Price per unit _____

Total price _____

Group 7:

SLEEVE, DUO 8"

Ductile Iron Mechanical dual (Combination) –Purpose modified solid sleeve, short pattern (Long Pattern), meeting AWWA Spec C110, Pressure Class 250, Coated inside & outside w/ an asphaltic coating meeting AWWA Spec C104, Complete w/ accessories cor blue. Including plain dual (combination) Purpose rubber mechanical joint gaskets. No Mega lug restrained joint mechanical joint. Sleeve to joint. Pit cast iron to pit cast iron. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE017

Quantity 9

Price per unit _____

Total price _____

SLEEVE, DUO 10" (LP)

10" Ductile Iron Mechanical dual (Combination) –Purpose modified solid sleeve, short pattern (Long Pattern), meeting AWWA Spec C110, Pressure Class 250, Coated inside & outside w/ an asphaltic coating meeting AWWA Spec C104, Complete w/ accessories cor blue. Including plain dual (combination) Purpose rubber mechanical joint gaskets. No Mega lug restrained joint mechanical joint. Sleeve to joint. Pit cast iron to pit cast iron. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE018

Quantity 7

Price per unit _____

Total price _____

SLEEVE, SOLID 10" DI MJ (LP)

10" DI MJ Solid repair sleeve, LP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE019

Quantity 3

Price per unit _____

Total price _____

SLEEVE, SOLID 12" DI MJ (12"X7.5")

12"X7.5" Ductile Iron Mechanical joint solid repair, sleeve, short pattern, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE020

Quantity 10

Price per unit _____

Total price _____

SLEEVE SOLID 12" DI MJ

(12"x12") Ductile Iron Mech Joint Solid Repair Sleeve Meeting, Long Pattern, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mech joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE021

Quantity 1

Price per unit _____

Total price _____

SLEEVE, DUO 12" (LP)

12x12 Iron Mechanical –Joint Dual (Combination) – Purpose modified solid sleeve, Long Pattern, meeting AWWA Spec C110, Pressure Class 250, Coated inside & outside w/ an asphaltic coating meeting AWWA Spec C104, Complete w/ accessories cor blue. Including plain dual (combination) Purpose rubber mechanical joint gaskets. No Mega lug restrained joint mechanical joint. Sleeve to joint. Pit cast iron to pit cast iron. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE022

Quantity 5

Price per unit _____

Total price _____

SLEEVE, SOLID 14" MJ (SP)

14"x12" DI MJ Solid repair sleeve Long Pattern, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE023

Quantity 5

Price per unit _____

Total price _____

SLEEVE, SOLID 16" (SP)

16"x9.5" DI MJ Solid repair sleeve, SP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE024

Quantity 2

Price per unit _____

Total price _____

SLEEVE, SOLID 16" (LP)

16"x15" DI MJ Solid repair sleeve, LP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE025

Quantity 2

Price per unit _____

Total price _____

SLEEVE, SOLID 20" MJ (SP)

20"Ductile Iron Mechanical Joint Solid Sleeve, SP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union. No Mega lug restrained joint mechanical joint.

WSLEEVE026

Quantity 4

Price per unit _____

Total price _____

SLEEVE, SOLID 20" X 15" MJ (LP)

20"x 15" Ductile Iron Mechanical Joint Solid Sleeve, LP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union. No Mega lug restrained joint mechanical joint.

WSLEEVE027

Quantity 3

Price per unit _____

Total price _____

SLEEVE, SOLID 24" MJ (SP)

24"Ductile Iron Mechanical Joint Solid Sleeve, SP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union. No Mega lug restrained joint mechanical joint.

WSLEEVE028

Quantity 1

Price per unit _____

Total price _____

SLEEVE, SOLID 24" MJ (LP) 24"Ductile Iron Mechanical Joint Solid Sleeve, LP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union. No Mega lug restrained joint mechanical joint.

WSLEEVE029

Quantity 1

Price per unit _____

Total price _____

SLEEVE, SOLID 10" DI MJ (SP)

10" DI MJ Solid Sleeve, Full Body, Class 350. C153 (thin wall) or C110 (thick wall), bituminous lined/coated, complete with accessories cor blue.

WSLEEVE030

Quantity 3

Price per unit _____

SLEEVE, SOLID 4" DI MJ SP

4"x7.5" DI MJ Solid repair sleeve, SP, meeting AWWA Spec C110 or C153, Pressure Class 350, Coated inside & outside w/ a bituminous coating meeting AWWA Spec C104, Complete w/ accessories cor blue including plain rubber mechanical joint gaskets. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE031

Quantity 10

Price per unit _____

Total price _____

SLEEVE, SOLID 4" SP DUO

Solid 4" SP DUO 6"x12" Ductile Iron Mech Joint Dual (Combination) – Purpose modified solid repair sleeve, Long pattern, As noted in AWWA spec C110, Pressure Class 250, Coated inside & outside with a bituminous coating meeting AWWA spec C104, Complete with accessories cor blue including plain dual (Combination)-Purpose rubber mech. Joint gaskets. Sleeve to joint pit cast iron pipe to pit cast iron pipe. Sleeve shall be manufactured by American, Clow, Griffin, Tyler, or Union. No Mega lug restrained joint mech. Joint.

WSLEEVE032

Quantity 10

Price per unit _____

Total price _____

SLEEVE, SOLID 4" LP DUO

4x12" DI MJ Dual (Combination) – Purpose modified solid sleeve, Long Pattern, meeting AWWA Spec C110, Pressure Class 250, Coated inside & outside w/ an asphaltic coating meeting AWWA Spec C104, Complete w/ accessories cor blue. Including plain dual (combination) Purpose rubber mechanical joint gaskets. No Mega lug restrained joint mechanical joint. Sleeve to joint. Pit cast iron to pit cast iron. Sleeve shall be manufactured by American, Clow, Griffin, Tyler or Union.

WSLEEVE033

Quantity 10

Price per unit _____

Total price _____

Group 8:

TEE, 4" MJ

4" Run by 4" Branch DI MJ Compact Tee, Meeting AWWA Spec C153, With Standard Thickness cement mortar Lining meeting AWWA Spec C104, Coated Inside and outside with an asphaltic Coating meeting AWWA Spec C110, Complete with accessories cor blue including plain rubber MJ gaskets. No Mega lug restrained joint mechanical joint. Tee shall be manufactured by American, Clow, Griffin, Tyler, or Union.

WTEES002

Quantity 1

Price per unit _____

Total price _____

TEE, 6" MJ

6" Run by 6" Branch DI MJ Compact Tee, Meeting AWWA Spec C153, With Standard Thickness cement mortar Lining meeting AWWA Spec C104, Coated Inside and outside with an asphaltic Coating meeting AWWA Spec C110, Complete with accessories cor blue including plain rubber MJ gaskets. No Mega lug restrained joint mechanical joint. Tee shall be manufactured by American, Clow, Griffin, Tyler, or Union.

WTEES004

Quantity 2

Price per unit _____

Total price _____

TEE, 8" MJ

8"x8"x8" CI MJ TEE

WTEES006

Quantity 7

Price per unit _____

Total price _____

TEE, 12" MJ

12" Run by 12" Branch DI MJ Compact Tee, Meeting AWWA Spec C153, With Standard Thickness cement mortar Lining meeting AWWA Spec C104, Coated Inside and outside with an asphaltic Coating meeting AWWA Spec C110, Complete with accessories cor blue including plain rubber MJ gaskets. No Mega lug restrained joint mechanical joint. Tee shall be manufactured by American, Clow, Griffin, Tyler, or Union.

WTEES007

Quantity 2

Price per unit _____

Total price _____

TEE, 6" X 4" MJ

6" Run by 4" Branch DI MJ Compact Tee, Meeting AWWA Spec C153, With Standard Thickness cement mortar Lining meeting AWWA Spec C104, Coated Inside and outside with an asphaltic Coating meeting AWWA Spec C110, Complete with accessories cor blue including plain rubber MJ gaskets. No Mega lug restrained joint mechanical joint. Tee shall be manufactured by American, Clow, Griffin, Tyler, or Union.

WTEES010

Quantity 2

Price per unit _____

Total price _____

TEE, 8" X 6" MJ

8"x8"x6" CI MJ TEE

WTEES0014

Quantity 6

Price per unit _____

Total price _____

TEE, 12" X 4" MJ
12"x12"x4" CI MJ TEE

WTEES015

Quantity 1

Price per unit _____

Total price _____

TEE, 12" X 6" MJ

12" Run x 6" Branch DI MJ Joint Tee, Meeting AWWA Spec C153, With Standard Thickness cement mortar Lining meeting AWWA Spec C104, Coated Inside and outside with an Asphaltic Coating meeting AWWA Spec C110, Complete with accessories cor blue including plain rubber MJ gaskets. Tee shall be manufactured by American, Clow, Griffin, Tyler, or Union.

WTEES016

Quantity 1

Price per unit _____

Total price _____

Group 9:

GATE VALVE, 4" MJ

4" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, with 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

WVALVE003

Quantity 8

Price per unit _____

Total price _____

GATE VALVE, 6" MJ

6" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, with 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

WVALVE004

Quantity 2

Price per unit _____

Total price _____

GATE VALVE, 8" MJ

8" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, with 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

WVALVE005

Quantity 10

Price per unit _____

Total price _____

GATE VALVE, 10" MJ

10" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, with 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

WVALVE006

Quantity 3

Price per unit _____

Total price _____

GATE VALVE, 16" MJ

16" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, With 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

WVALVE008

Quantity 2

Price per unit _____

Total price _____

GATE VALVE 14"

14" Resilient Seat Non – Rising Stem Mechanical Joint Gate Valve, With 2" Square operating nut, Opening Right, Complete with accessories cor blue. Gate valve shall meet AWWA Specification C509. Mechanical Joint must meet AWWA Specification C111 and shall include plain rubber mechanical joint gaskets. Please only quote American Flow Control Series 2500, Mueller Series A-2360-20, Tyler DRS Series 250-22, OR U.S. Pipe Metroseal Series 250-5460 (without lock nuts on bonnet bolts) : No Alternatives.

Quantity 2

Price per unit _____

Total price _____

Group 10:

3/4" X 3/4" FNPT X FFLR

3/4" FNPT X 3/4" FFLR McDonald 74755F, or Ford, Mueller EquilivantAll brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

1" X 1" FNPT X FFLR

3/4" FNPT X 3/4" FFLR McDonald 74755F, or Ford, Mueller Equilivant. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 100

Price per unit _____

Total price _____

1-1/4" X 1-1/4" FNPT X FFLR

3/4" FNPT X 3/4" FFLR McDonald 74755F, or Ford, Mueller Equilivant. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

1-1/2" X 1-1/2" FNPT X FFLR

3/4" FNPT X 3/4" FFLR McDonald 74755F, or Ford, Mueller Equilivant. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

2" X 2" FNPT X FFLR

3/4" FNPT X 3/4" FFLR McDonald 74755F, or Ford, Mueller Equilivant. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

16"X16"X8" STAINLESS TAPPING SLEEVE AND VALVE

16"X16"X8" STAINLESS STEEL TAPPING SLEEVE WITH 8" RESILIANIT SEAT VALVE. NON RISING STEM WITH 2" SQUARE NUT WHICH OPENS RIGHT.

Quantity 1

Price per unit _____

Total price _____

Group 11:

SADDLE, 8" X 1 1/2"

8" Brass double strap tapping saddle with 1.5" AWWA taper thread tap for 8" ductile iron water main. Ford 202B-962-CC6, Smith-Blair 323-096113-000, Mueller BR-2-B-0899 CC 150.

WSADDLE009

Quantity 12

Price per unit _____

Total price _____

SADDLE, 12" X 1 1/2"

12" Brass double strap tapping saddle with 1 1/2" AWWA taper thread tap for 12" ductile iron or cast iron water main. Mueller BR2B1314CC150, Ford 202B-1438-CC6, Smith-Blair 323-142613-000.

WSADDLE013

Quantity 24

Price per unit _____

Total price _____

CURB STOP, 1" C-C

Stop, 1" C-C 1" Curb Stop, Ball Valve, Full Port (1" x 1" x 1"), Copper Flare Nut by Copper Flare Nut. Quote only McDonald 76100 or Ford. No Alternates. All brass must meet "AWWA C800" and be made with low-lead brass.

WSTOP003

Quantity 100

Price per unit _____

Total price _____

CURB STOP, 1-1/4" C-C

Stop, 1-1/4" C-C 1-1/4" Curb Stop, Ball Valve, Full Port (1-1/4" x 1-1/4" x 1-1/4"), Copper Flare Nut by Copper Flare Nut. Quote only McDonald 76100 or Ford. No Alternates. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 25

Price per unit _____

Total price _____

CURB STOP, 1-1/2" C-C

Stop, 1-1/2" C-C 1-1/2" Curb Stop, Ball Valve, Full Port (1-1/2" x 1-1/2" x 1-1/2"), Copper Flare Nut by Copper Flare Nut. Quote only McDonald 6100 or Ford. No Alternates. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

CURB STOP, 2" C-C

Stop, 2" C-C 2" Curb Stop, Ball Valve, Full Port (2" x 2" x 2"), Copper Flare Nut by Copper Flare Nut. Quote only McDonald 6100 or Ford. No Alternates. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

Group 12:

1" C-C CONNECTOR

1"x1" Straight two-part coupling, copper flare nut by female copper flare thread. Mueller, Ford, or McDonald 74756. All brass must meet "AWWA C800" and be made with low-lead brass.

WCONN009

Quantity 200

Price per unit _____

Total price _____

1-1/4" C-C CONNECTOR

1-1/4"x1-1/4" Straight two-part coupling, copper flare nut by female copper flare thread. Mueller, Ford, or McDonald 74756. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

1-1/2" C-C CONNECTOR

1-1/2"x1-1/2" Straight two-part coupling, copper flare nut by female copper flare thread. Mueller, Ford, or McDonald 74756. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

2" C-C CONNECTOR

2"x2" Straight two-part coupling, copper flare nut by female copper flare thread. Mueller, Ford, or McDonald 74756. All brass must meet "AWWA C800" and be made with low-lead brass.

WCONN021

Quantity 50

Price per unit _____

Total price _____

Group 13:

CORPORATION, 3/4" CC X 1" FLR

3/4" Inlet AWWA (CC) Taper Thread by 1" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

CORPORATION, 1"

1" Inlet AWWA (CC) Taper Thread by 1" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

WCORPS002

Quantity 200

Price per unit _____

Total price _____

CORPORATION, 1-1/4"

1-1/4" Inlet AWWA (CC) Taper Thread by 1-1/4" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

CORPORATION, 1-1/2"

1-1/2" Inlet AWWA (CC) Taper Thread by 1-1/2" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

CORPORATION, 2"

1-1/2" Inlet AWWA (CC) Taper Thread by 2" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

CORPORATION, 2"

2" Inlet AWWA (CC) Taper Thread by 2" Outlet Copper Flare Straight Connection. McDonald 74701 or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 25

Price per unit _____

Total price _____

Group 14:

1" X 3/4" COPPER FLR X FFLR (PIGGY BACK NUT)

1" copper FFLR x 3/4" FLR McDonald 74755, or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 100

Price per unit _____

Total price _____

1-1/4" X 1" COPPER FLR X FFLR (PIGGY BACK NUT)

1-1/4" copper FFLR x 1" FLR McDonald 74755, or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

1-1/2" X 1-1/4" COPPER FLR X FFLR (PIGGY BACK NUT)

1-1/2" copper FFLR x 1-1/4" FLR McDonald 74755, or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

2" X 1-1/2" COPPER FLR X FFLR (PIGGY BACK NUT)

2" copper FFLR x 1-1/2" FLR McDonald 74755, or Ford, Mueller equivalent. All brass must meet "AWWA C800" and be made with low-lead brass.

Quantity 50

Price per unit _____

Total price _____

Subtotal Base Bid (All Groups) \$ _____

Delivery Charges:

List any extra charges associated with delivery below:

Total Base Bid (including Delivery Charges) \$ _____

Pricing Guarantee:

Bidder can hold Pricing for 6 months? Yes No

If no explain: _____

Section 2 - Material and Equipment Alternates

The Base Bid price shall include materials and equipment selected from the designated items and manufacturers listed in the bidding documents. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

If the Contractor wishes to Bid alternate items for consideration by the City, it may do so under this Section. A complete description of the item and the proposed price differential must be provided. Unless approved at the time of award, substitutions where items are specifically named will be considered only as a negotiated change in Contract Sum.

<u>Item Number</u>	<u>Description</u>	<u>Add/Deduct Amount</u>
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If the Bidder does not suggest any material or equipment alternate, the Bidder **MUST** complete the following statement:

For the work outlined in this request for bid, the bidder does NOT propose any material or equipment alternate under the contract.

Signature of Authorized Representative of Bidder

APPENDIX A

FAIR EMPLOYMENT PRACTICE

The consultant, its agents or sub-contractors, shall comply with all requirements of Chapter 112 of Title IX of the Code of the City of Ann Arbor and in particular the following excerpts there from:

9:161 NONDISCRIMINATION BY CITY CONTRACTORS

- (1) All contractors proposing to do business with the City of Ann Arbor shall satisfy the nondiscrimination administrative policy adopted by the City Administrator in accordance with the guidelines of this section. All contractors shall receive approval from the Director prior to entering into a contract with the City, unless specifically exempted by administrative policy. All City contractors shall take affirmative action to insure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon race, national origin or sex.
- (2) Each prospective contractor shall submit to the City data showing current total employment by occupational category, sex and minority group. If, after verifying this data, the Director concludes that it indicates total minority and female employment commensurate with their availability within the contractor's labor recruitment area, i.e., the area from which the contractor can reasonably be expected to recruit, said contractor shall be accepted by the Director as having fulfilled affirmative action requirements for a period of one year at which time the Director shall conduct another review. Other contractors shall develop an affirmative action program in conjunction with the Director. Said program shall include specific goals and timetables for the hiring and promotion of minorities and females. Said goals shall reflect the availability of minorities and females within the contractor's labor recruitment area. In the case of construction contractors, the Director shall use for employment verification the labor recruitment area of the Ann Arbor-Ypsilanti standard metropolitan statistical area. Construction contractors determined to be in compliance shall be accepted by the Director as having fulfilled affirmative action requirements for a period of six (6) months at which time the Director shall conduct another review.
- (3) In hiring for construction projects, contractors shall make good faith efforts to employ local persons, so as to enhance the local economy.
- (4) All contracts shall include provisions through which the contractor agrees, in addition to any other applicable Federal or State labor laws:
 - (a) To set goals, in conference with the Human Resources Director, for each job category or division of the work force used in the completion of the City work;
 - (b) To provide periodic reports concerning the progress the contractor has made in meeting the affirmative action goals it has agreed to;

- (c) To permit the Director access to all books, records and accounts pertaining to its employment practices for the purpose of determining compliance with the affirmative action requirements.
- (5) The Director shall monitor the compliance of each contractor with the nondiscrimination provisions of each contract. The Director shall develop procedures and regulations consistent with the administrative policy adopted by the City Administrator for notice and enforcement of non-compliance. Such procedures and regulations shall include a provision for the posting of contractors not in compliance.
- (6) All City contracts shall provide further that breach of the obligation not to discriminate shall be a material breach of the contract for which the City shall be entitled, at its option, to do any or all of the following:
 - (a) To cancel, terminate, or suspend the contract in whole or part and/or refuse to make any required periodic payments under the contract;
 - (b) Declare the contractor ineligible for the award of any future contracts with the City for a specified length of time;
 - (c) To recover liquidated damages of a specified sum, said sum to be that percentage of the labor expenditure for the time period involved which would have accrued to minority group members had the affirmative action not been breached;
 - (d) Impose for each day of non-compliance, liquidated damages of a specified sum, based upon the following schedule:

Contract Amount	Assessed Damages Per Day of Non-Compliance
\$ 10,000 - 24,999	\$ 25.00
25,000 - 99,999	50.00
100,000 - 199,999	100.00
200,000 - 499,999	150.00
500,000 - 1,499,999	200.00
1,500,000 - 2,999,999	250.00
3,000,000 - 4,999,999	300.00
5,000,000 - and above	500.00

- (e) In addition the contractor shall be liable for any costs or expenses incurred by the City of Ann Arbor in obtaining from other sources the work and services to be rendered or performed or the goods or properties to be furnished or delivered to the City under this contract.

APPENDIX B- CONTRACT COMPLIANCE FORMS

City of Ann Arbor Procurement Office INSTRUCTIONS FOR CONTRACTORS

For Completing CONTRACT COMPLIANCE FORM

City Policy

The “non discrimination in contracts” provision of the City Code, (Chapter 112, Section 9:161) requires contractors/vendors/grantees doing business with the City not to discriminate on the basis of actual or perceived race, color, religion, national origin, sex, age, condition of pregnancy, marital status, physical or mental limitations, source of income, family responsibilities, educational association, sexual orientation, gender identity or HIV status against any of their employees, any City employee working with them, or any applicant for employment. It also requires that the contractors/vendors/grantees include a similar provision in all subcontracts that they execute for City work or programs.

This Ordinance further requires that each prospective contractor/vendor submit employment data to the City showing current total employee breakdown by occupation, race and gender. This allows the Human Rights Office to determine whether or not the contractor/vendor has a workforce that is reflective of the availability of women and under-represented minorities within the contractor’s labor recruitment area (the area where they can reasonably be expected to recruit employees). *This data is provided to the City on the Human Rights Contract Compliance Forms (attached).*

To complete the form:

1) If a company has more than one location, then that company must complete 2 versions of the form.

- **Form #1** should contain the employment data for the **entire corporation.**
- **Form #2** should contain the employment data for those employees:
 - who will be working on-site;
 - in the office responsible for completing the contract; or,
 - in the case of non-profit grantees, those employees working on the project funded by the City grant(s).

2) If the company has only one location, fill out Form #1 only.

3) Complete all data in the upper section of the form including the name of the person who completes the form and the name of the company/organization’s president.

4) Complete the Employment Data in the remainder of the form. Please be sure to complete all columns including the Total Columns on the far right side of the form, and the Total row and Previous Year Total row at the bottom of the form.

5) Return the completed form(s) to your contact in the City Department for whom you will be conducting the work.

For assistance in completing the form, contact:

Procurement Office of the City of Ann Arbor
(734) 794-6500

If a contractor is determined to be out of compliance, the Procurement Office will work with them to assist them in coming into compliance.

**CITY OF ANN ARBOR HUMAN RIGHTS OFFICE
CONTRACT COMPLIANCE FORM**

Form #1

Entire Organization (Totals for All Locations where applicable)

Name of Company/Organization _____ Date Form Completed _____

Name and Title of Person Completing this Form _____ Name of President _____

Address _____ County _____ Phone # _____
 (Street address) (City) (State) (Zip) (Area Code)

Fax# _____ Email Address _____
 (Area Code)

EMPLOYMENT DATA

Job Categories	Number of Employees (Report employees in only one category)													TOTAL COLUMNS A-L
	Male						Female							
	White	Black or African American	Asian	Hispanic or Latino	Native Hawaiian or Other Pacific Islander	American Indian or Alaska Native	White	Black or African American	Asian	Hispanic or Latino	Native Hawaiian or Other Pacific Islander	American Indian or Alaskan Native		
A	B	C	D	E	F	G	H	I	J	K	L			
Exec/Sr. Level Officials														
Supervisors														
Professionals														
Technicians														
Sales														
Admin. Support														
Craftspeople														
Operatives														
Service Workers														
Laborers/Helper														
Apprentices														
Other														
TOTAL														
PREVIOUS YEAR TOTAL														

**CITY OF ANN ARBOR HUMAN RIGHTS OFFICE
CONTRACT COMPLIANCE FORM**

Form #2

Local Office (Only those employees that will do local or on-site work, if applicable)

Name of Company/Organization _____ Date Form Completed _____

Name and Title of Person Completing this Form _____ Name of President _____

Address _____ County _____ Phone # _____
(Street address) (City) (State) (Zip) (Area Code)

Fax# _____ Email Address _____
(Area Code)

EMPLOYMENT DATA

Job Categories	Number of Employees (Report employees in only one category)												
	Male						Female						TOTAL COLUMNS A-L
	White	Black or African American	Asian	Hispanic or Latino	Native Hawaiian or Other Pacific Islander	American Indian or Alaska Native	White	Black or African American	Asian	Hispanic LatinO	Native Hawaiian or Other Pacific Islander	American Indian or Alaskan Native	
A	B	C	D	E	F	G	H	I	J	K	L		
Exec/Sr. Level Officials													
Supervisors													
Professionals													
Technicians													
Sales													
Admin. Support													
Craftspeople													
Operatives													
Service Workers													
Laborers/Helper													
Apprentices													
Other													
TOTAL													
PREVIOUS YEAR TOTAL													

