

**KENT COUNTY WATER AUTHORITY
MATERIAL PURCHASE ONLY
GENERAL CONSTRUCTION MATERIALS**

INSTRUCTIONS TO BIDDERS

ARTICLE 1. QUALIFICATIONS OF BIDDERS

- 1.1 Bidders may be investigated by Kent County Water Authority (KCWA) to determine if they are qualified to perform the Work. All Bidders shall be prepared to submit to Kent County Water Authority upon request, written evidence of such information and data necessary to make this determination.
- 1.2 The investigation of a Bidder will seek to determine whether the organization is adequate in size, is authorized to do business in the jurisdiction where the project is located, has had previous experience and whether available equipment conforms to the specification requirements, and financial resources are adequate to assure Kent County Water Authority that the products will be delivered in accordance with the terms of the purchase orders and the material purchase documents.
- 1.3 In evaluating Bids, Kent County Water Authority will consider the qualifications of only those Bidders who's Bids are in compliance with the prescribed requirements, Kent County Water Authority Procurement Procedures and the advertisement for bids.
- 1.4 Kent County Water Authority reserves the right to reject any Bid, or parts thereof, if the evidence submitted by, or the investigation of, such Bidder fails to satisfy Kent County Water Authority that such Bidder is properly qualified to carry out the obligations of the Material Purchase Documents, and to complete the Work contemplated therein to the satisfaction of the Kent County Water Authority.
- 1.5 No Bidder may be considered if they are indebted to the Kent County Water Authority for any unresolved issues regarding unpaid invoices issued by the Kent County Water Authority or any services and materials owed to the Kent County Water Authority.

ARTICLE 2. COPIES MATERIAL PURCHASE DOCUMENTS

- 2.1 Complete sets of Material Purchase Documents shall be used in preparing Bids; Kent County Water Authority assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Material Purchase Documents.
- 2.2 Kent County Water Authority in making copies of Material Purchase Documents available do so only for the purpose of obtaining Bids on the Materials and do not confer a license or grant for any other use.

ARTICLE 3. EXAMINATION OF MATERIAL DOCUMENTS

- 3.1 Before submitting a Bid, each Bidder must examine the Material Purchase Documents thoroughly, and familiarize themselves with Federal, State and local laws, and all material specifications of Kent County Water Authority.
- 3.2 The submission of a Bid will constitute and incontrovertible representation by the Bidder that they have complied with every requirement of this Article 3 and that the Material Purchase Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

ARTICLE 4. INTERPRETATIONS

- 4.1 All questions about the meaning or intent of the Material Purchase Documents shall be received in writing by Kent County Water Authority at the pre-bid conference.
- 4.2 Written clarifications or interpretations will be issued if requested by Addenda not later than two calendar days before the bid opening date. Only questions answered by formal written Addenda will be binding. Oral and other clarifications or interpretations will be without legal effect. Addenda will be mailed and emailed if address is provided, to all parties recorded as having received the Material Purchase Documents.
- 4.3 Each Bidder shall be responsible for determining that he has received all Addenda issued.

ARTICLE 5. PRE-BID CONFERENCE

- 5.1 A pre-bid conference will be held as described in the advertisement to bid to discuss project related concerns of these Material Purchase Documents to the Kent County Water Authority.
- 5.2 The pre-bid conference attendance is not mandatory for Bidders to submit a bid for consideration

ARTICLE 6. BID FORM

- 6.1 Each Bid shall be submitted on the Forms contained in the Material Purchase Documents. All blank spaces for Bid prices must be filled in with the unit price for the item or the lump sum for which the Bid is made.
- 6.2 Bid Forms shall be completed in ink or by typewriter. The Bid price of each item on the form shall be stated in words, and figures. If unit prices are required on the Bid Form, discrepancies between unit prices and their respective total amounts will be resolved in favor of the unit prices.

- 6.2.1 Discrepancies between words and figures will be resolved in favor of words. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.
- 6.3 Bids by corporations shall be executed in the corporate name by the president or a vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- 6.4 Bids by partnerships shall be executed in the partnership name and signed by a partner, whose title shall appear under the signature. The official address of the partnership shall be shown below the signature.
- 6.5 All names shall be typed or printed below the signature.
- 6.6 The Bid shall contain an acknowledgment of receipt of all Addenda (the numbers of which shall be filled in on the Bid Form).
- 6.7 The address to which communications regarding the Bid are to be directed shall be shown.
- 6.8 One copy of each Bid shall be submitted in a sealed opaque envelope bearing on the outside the name of Bidder, his address, and the Project Title for which the Bid is submitted. (If forwarded by mail, Bid and sealed envelope marked as described above shall be enclosed in another envelope with the notation "BID ENCLOSED" on the face and addressed as indicated in the Invitation to Bid.)

ARTICLE 7. RECEIPT OF BIDS

- 7.1 Sealed Bids for Material Purchase will be received at the time and place indicated in the Invitation to Bid.
- 7.2 KCWA may consider informal any Bid not prepared and submitted in accordance with the provisions hereof.
- 7.3 Bidders are cautioned that it is the responsibility of each individual bidder to assure that their bid is in the possession of the responsible official or his designated alternate prior to the stated time and at the place of the Bid Opening. KCWA is not responsible for bids delayed by mail and/or delivery services, of any nature.

ARTICLE 8. MODIFICATION AND WITHDRAWAL OF BIDS

- 8.1 Bids may be modified only by an appropriate document duly executed (in the manner that a Bid must be executed) and delivered to the place where Bids are to be submitted at any time prior to the opening of Bids.

- 8.2 Bids may be withdrawn prior to the scheduled time (or authorized postponement thereof) for the opening of Bids.
- 8.3 Any Bid received after the time and date specified shall not be considered. No Bidder may withdraw his Bid for a period of 90 days, excluding Saturdays, Sundays, and legal holidays, after the actual date of the opening of the Bids.

ARTICLE 9. AWARD OF PURCHASE ORDER

- 9.1 Purchase Order(s) will be awarded to the lowest responsible and eligible Bidder (Successful Bidder). Such a Bidder shall possess the skill, proper material, ability, and integrity necessary for the faithful performance of the work. The term "lowest responsible and eligible Bidder" as used herein shall mean the Bidder whose Bid is the lowest of those Bidders possessing the skill, proper materials to meet the requirements of the material specifications, ability, and integrity necessary to the faithful performance of the Work as well as provide time of delivery acceptable to the Kent County Water Authority. In accordance with the written Procurement Procedures, the Kent County Water Authority reserves the right to award whole or in part as indicated in each of the subpart totals of the bid forms. All items that are bid nonconforming to the specifications will be rejected in whole or part as determined by Kent County Water Authority.
- 9.2 In the event the successful bidder cannot fully and timely perform his contractual obligation, the KCWA reserves the right to award the bid to any of the other qualified bidders.
- 9.3 Kent County Water Authority reserves the right to reject any and all Bids, or parts thereof, to waive any and all informalities if it is in Kent County Water Authority's best interest to do so. The KCWA reserves and the right to disregard all nonconforming, non responsive, stipulated and/or conditional Bids or portions thereof and to select a specific line of material if a distributor sells or markets multiple lines of that material.
- 9.4 A Bid which includes for any item a Bid Price that is abnormally low or high, or does not contain materials meeting the specification requirements may be rejected as unbalanced or nonconforming.
- 9.5 KCWA reserves the right to reject the Bid of any Bidder that KCWA considers to be unqualified relative to the provisions of the Kent County Water Authority Procurement Procedures and Article 1 above.
- 9.6 If Purchase Order(s) are to be awarded, KCWA will give the Successful Bidder the original Purchase Order within 90 days, excluding Saturdays, Sundays, and legal holidays, after the actual date of the opening of the Bids. Each Purchase Order will identify the quantity of the materials for each purchase. All bids shall remain open for 90 days, excluding Saturdays, Sundays, and legal holidays, after the actual date of the opening of the Bids. Bid pricing shall remain in effect for a period of one year from the date of award.

- 9.7 Kent County Water Authority may, in their sole discretion award any portion or portions of the selected successful bidders bid. Bidder shall accept the Purchase Order as written for all or portions determined as the lowest responsible bidder by Kent County Water Authority.
- 9.8 The awarded bid contract may, upon mutual agreement of both parties, be extended for not more than two additional years without any change in Bid Item prices for the work.

ARTICLE 10. SALES TAX

- 10.1 The materials and supplies to be used in the Work are tax exempt by R. I. State Law, Section 39.16 of the State Code.

ARTICLE 11. TIME OF COMPLETION/MATERIAL DELIVERY

- 11.1 Delivery of materials shall be determined and indicated on the Purchase Order by Kent County Water Authority. It is the intent to deliver and store all pipe as requested. Field storing of pipe shall be done with the assistance of the Kent County Water Authority. All valves, fittings, etc. are to be delivered whole or in part to the offices of the Kent County Water Authority. It is fully intended to stipulate on the Purchase Order material for immediate delivery which will occur no later than seven (7) calendar days from the date of Purchase Order.
- 11.2 Bidders shall clearly indicate on the bid package if items are not immediately available for delivery in seven (7) calendar days or the quantity that is available.
- 11.3 Material may also be delivered to construction sites that may be located in the Cities and Towns of Coventry, Cranston, West Warwick, Warwick, East Greenwich, West Greenwich, and Situate Rhode Island.
- 11.4 It is intended to deliver all pipes to a storage yard or as indicated on the Purchase Order to the job site by the bidder and stored along the roadway by the staff of Kent County Water Authority with the assistance of the bidder's truck drivers. Pipe will be purchased by a single Purchase Order or multiple and delivered to the site in truck loads or partial truck loads as determined by Kent County Water Authority. No extra charges will be allowed for these single or partial shipment or services.
- 11.5 All valves, fittings, sleeves and all other Material Purchased shall be shipped to the offices of Kent County Water Authority in single or multiple shipments within the time specified on the Purchase Order. Kent County Water Authority will assist in the unloading with the assistance of the bidder's truck driver. No extra charges will be allowed for these single or partial shipments or services.
- 11.6 All defective material shall be removed from the site by the Bidder upon notification by KCWA and replaced with new material within seven (7) days of notification. Determination of Defective Material shall be made by representatives of KCWA and the

decision shall be final.

- 11.7 All material to be purchased shall be factory new and shipped directly from the factory or from a local supplier. Materials must conform to the requirements specified. Products specified by naming one or more manufacturers shall mean products of the manufactures named and meeting the specifications of referenced part/model number or equal prescribed specifications. Materials received based on meeting form and function requirements will not be accepted.

ARTICLE 12. GUARANTEE

- 12.1 The bidder shall guarantee all materials furnished for a period of one year from the date of installation to be free from all defects and/or faulty material and shall promptly make all replacements of defective material. All manufactures warranties extending beyond one year shall remain in effect for the time line and terms provided by the manufacture. The bidder further warrants that all material is in full conformance with the Material Purchase Documents.

ARTICLE 13 QUANTITIES

- 13.1 The quantities listed on the bid form are estimated for bidding purposes only. Each Purchase Order request will contain actual quantities to be ordered. Multiple purchase orders may be used depending on the product needs and delivery dates. Kent County Water Authority reserves the right to purchase additional materials over and above the estimated listed quantities and or less than the listed quantities on the bid forms at the prices bid.

KENT COUNTY WATER AUTHORITY

KENT COUNTY WATER AUTHORITY
MATERIAL SPECIFICATIONS
GENERAL CONSTRUCTION MATERIALS

BACKGROUND:

Configuration management for the system wide standardization of repair parts, appurtenances, and construction materials are necessary to maintain reasonable spare parts inventories for emergency repairs and control the related cost to the benefit of the customer. For these reasons, the Kent County Water Authority has selected material standards that provide the greatest service life, reliability and are consistent with overall infrastructure compatibility. All materials used within the Kent County Water Authority shall be made in United States of America or specifically approved otherwise and conform to the standard requirements contained in this section.

SERVICES:

Service pipe sizes $\frac{3}{4}$ to 2 inch shall be either copper or H.D.P.E. pipe. H.D.P.E. pipe outer color must be blue with a virgin clear natural center. Continuous identification markings over the entire length of the pipe with sealed ends and coiled in rolls from 100 ft. minimum.

- H.D.P.E. shall conform to ASTM D1248 Type III, Grade P34, Class A, Category 5, color blue with virgin clear natural center. AWWA C901, 200 psi (CTS).
- Copper pipe shall be Type “K” copper tubing designed for potable water service ANSI/ASTM B88.
- Services 3 inch and above shall be ductile iron and conform to the requirements for main materials and installation.

CORPORATION STOP:

Corporation stops shall be ball type with either stainless steel, Synthetic coated brass ball or nickel coated brass ball designed for potable water service up to 300 PSI. Body shall be heavy cast lead free meeting or exceeding ANSI/NSF 61 and NSF/ANSI 372 Standards. All corporation stops shall meet or exceed design standards of AWWA C800 along with the design and operating characteristics of the following:

Type: Ford or equal.

Sizes: $\frac{3}{4}$, 1 inch, 1 $\frac{1}{2}$ inch, and 2 inch

Opening: Open left.

End Connections: Compression with non-corrosive grip ring meeting

ASTM B-159-Buna N Rubber and conductivity ring. Threaded end shall be AWWA CC taper thread for direct tap.

Material: Heavy cast lead free meeting or exceeding ANSI/NSF 61 and NSF/ANSI 372 Standards.

CURB STOPS:

Curb stops shall be ball type with either stainless steel, synthetic coated brass or nickel coated brass ball designed for water service up to 300 psi. Body shall be heavy cast lead free, meet or exceed ANSI/NSF 61 and NSF/ANSI 372 Standards. All curb stops to meet or exceed the design standards of AWWA C800 along with the design and operating characteristics of the following:

Type: Ford or equal.

Sizes: ¾ inch, 1 inch, 1 ½ inch, and 2 inch

Opening: Open left.

End Connections: Compression with non corrosive grip ring meeting ASTM B-159-Buna N Rubber and conductivity ring.

Material: Heavy cast lead free meeting or exceeding ANSI/NSF 61 and NSF/ANSI 372 Standard.

Opening: Open left.

Drain: None.

FULL CIRCLE REPAIR:

All components and fasteners shall be type 304 stainless steel. Gasket shall be virgin rubber for water service. All repair clamps shall be manufactured to be equal to the material and design requirements the following:

Type: Ford or equal.

Body: Grade 18-8 type 304 stainless steel.

Fasteners: 304 stainless steel stud, nut & washers.

Gasket: Grid pattern virgin rubber ASTM 2000, full 360 degree coverage.

STRAIGHT METER COUPLINGS:

Straight meter couplings by male iron pipe thread shall be lead free brass.

Type: Ford or equal.

Material: Lead Free Brass ANSI/NSF61 and NSF/ANSI 372 Standard

THRUST RESTRAINT:

Thrust restraint comprised of restrained joint, ductile iron pipe meeting ANSI/AWWA C151/A21.51 and ANSI/AWWA C11/A21. Restrainted joint shall be sufficient to restrain thrust imparted by 1-1/2 times the anticipated working pressure but not less than 150 psi with a 1.5 factor of safety. Gland and restraint components made from Ductile Iron and shall have a bituminous outside coating in accordance with ANSI/AWWA C151/A21.51 and ANSI/AWWA C153/A21.53 respectively. Capable of being used with standardized mechanical joint bell conforming to AWWA C111 and C153. Multiple wedge style restraint mechanism with powder coated heat-treated ductile iron wedges. Proper actuation ensured by torque limiting twist off nuts. Minimum safety factor 2 to 1. Restrainted joints shall be suitable for 150 psi working pressure and fabricated of heavy section ductile iron casting. Gaskets shall meet the material requirements of ANSI/AWWA C111 for mechanical joint gaskets. Bolts and nuts as required should be low carbon steel conforming to ASTM A307, Grade B.

WATER PIPE:

All ductile-iron pipe and appurtenances shall be from a single manufacturer source. Foreign pipe fittings and gaskets are strictly forbidden. Ductile iron pipe shall conform to ANSI/AWWA C151/A21.51, ANSI/AWWA C150/A21.50 Class 52 double cement mortar lined. Gaskets shall conform to ANSI/AWWA C111/A21.1. All pipes shall have a bituminous outside coating in accordance with ANSI/AWWA C151/A21.51 and ANSI/AWWA C153/A21.53 respectively. All pipes shall be cement-mortar lined and seal coated in accordance with ANSI/AWWA C104/A21.14 except the lining thickness shall be twice that specified. Joints for pipe shall be push-on (Tyton style only) or mechanical joint conforming to ANSI/AWWA C111. All mechanical joint pipes shall be supplied with accessories. Restrainted joints shall be suitable for 150 psi working pressure and fabricated of heavy section ductile iron casting. Gaskets shall meet the material requirements of ANSI/AWWA and made in the USA.

Type: Ductile Iron meeting ANSI/AWWA C151/A21.51 ANSI/AWWA C150/A21.50.

Class: Special thickness Class 52.

Lining:	Double cement mortar meeting ANSI/AWWA C151/A21.5.
End Joints:	Push on – Tyton style only – meeting ANSI/AWWA C111/A21.51. Mechanical Joint – meeting ANSI/AWWA C111/A21.11.
Coating:	Exterior: ANSI/AWWA C104/A21.4. Interior: All requirements of EPA for potable water.
Gasket:	Rubber meeting ANSI/AWWA C111/A21.11.

PIPE FITTINGS:

Ductile iron fittings shall conform to ANSI/AWWA C153/A21.53. Foreign fittings, gasket glands and accessories are strictly forbidden. All fittings shall have a bituminous outside coating in accordance with ANSI/AWWA C151/A21.51 and ANSI/AWWA C153/A21.53 respectively. All fittings shall be cement-mortar lined and seal coated in accordance with ANSI/AWWA C104/A21.14 except the lining thickness shall be twice that specified. Joints for fittings shall be mechanical joint conforming to ANSI/AWWA C111. All mechanical joint fittings shall be supplied with glands and accessories.

Type:	4 inch to 12 inch Ductile Iron compact meeting ANSI/AWWA C153/A21.53. 16 inch and larger Ductile Iron meeting ANSI/AWWA C153/A21.53 or ANSI/AWWA C110/A21.10.
Pressure Class:	Pipe fittings shall have a pressure rating of 350 for 24-inch and smaller and 250 psi for 30-inch and larger. Fittings shall at a minimum have the same pressure rating as the connecting pipe.
Gaskets:	Rubber meeting ANSI/AWWA C111/A21.11.

HYDRANTS:

To maintain system wide standardization, hydrants shall be dry barrel type with 5¼ inch valve. Hydrants shall conform to the “Standard Specifications for Fire Hydrants for Ordinary Water Works Service,” AWWA C-502, and shall in addition meet the specific requirements of the Kent County Water Authority as listed. Hydrants shall be UL rated for 250-psi working pressure and service installation in a trench that will provide various minimum cover. Hydrants shall be according to manufacturer’s standard pattern unless noted otherwise and of

standard size, and shall be equipped with 6 inch mechanical joint connection for 6” ductile iron pipe, one 4 ½ inch steamer nozzle and two 2 ½ inch hose nozzles, brass or brass sleeved drains, National Standard Thread, hydrant inlet connections. Hydrants shall be of the full compression design, opening against and closing with the water pressure. The hydrants shall be designed to permit rotary movement of the upper barrel any number of degrees required to effect proper alignment without shutting down service or removing flange bolts and nuts. Hydrant must open turning operating nut to left (counterclockwise) and must be marked with an arrow and word “open” to indicate the direction to turn stem to open. All fasteners used shall be stainless steel.

Boot coatings to be fuse bonded epoxy or thermal set epoxy for interior and exterior-holiday free with minimum thickness 8 mils meeting or exceeding AWWA C550. Epoxy coating must be undamaged with no chips or abrasions. Lower barrel shall be bituminous coated or epoxy coated. Field touch-up of epoxy interior coating is not allowed. Field touch-up of exterior surfaces shall be in accordance with manufactures recoating specifications only. Contractors shall use special handling and installation precautions with the use of epoxy coated appurtenances as necessary to ensure that no coating system damage occurs. All epoxy appurtenances found mishandled at delivery or during installation shall be rejected and removed from the job site. Above grade exposed hydrant components shall be coated with one coat zinc rich primer @ 2.5-3.5 mils dry film thickness. Hydrant barrel, breakaway flange, shall be coated with phenolic urethane enamel gloss silver fox, two coats @ 4.0 mils dry film thickness each coat. Topcoat shall produce a consistent and holiday free color coating. Caps and Bonnet shall receive two coats of gloss safety red, phenolic urethane enamel 4.0 mils dry film thickness each coat. Color coats shall produce a consistent and holiday free color coating. Surface shall be sand blasted to SSPC/SP-6 prior to coatings. All hydrants shall be shipped without chains. Manufacture shall provide a ten-year warranty on all parts and workmanship. Hydrant repair kits shall be original manufacture specifically designed for the hydrant. All hydrants shall also be manufactured to meet or exceed additional design and operating characteristics listed below:

- Type: 5 ¼ inch valve opening/3 port style, dry barrel.
- Opening: Open left.
- Depth of Bury: 5’-0” minimum from bury line to top flange of hydrant boot.
- Ports: Two 2 ½ inch bronze hose ports 180° apart NST thread.
One 4 ½ inch bronze pumper/steamer 90° from each hose port, NST thread.
- Breakaway: All hydrants to have traffic breakaway flange.
- Drain Ways: Sliding drain seal type. Drain channel shall be 360 degrees and contain a minimum of two bronze or

brass sleeved outlet ports.

Coatings: Prior to priming, sand blast hydrant to SSPC/SP-6 primed with zinc rich urethane compatible coating. Top coat with two coats each red and silver conforming to KCWA standard color, silver barrel and red cap and bonnet.

Pittsburgh Paint Group – Silver Fox, Paint Code PC 805

Pittsburgh Paint Group – Safety Red, Paint Code PC 895

Boot coatings to be fuse bonded epoxy or thermal set epoxy for interior and exterior – holiday free with minimum thickness 8 mils meeting or exceeding AWWA C550.

Exterior lower barrel to be bituminous coated or epoxy coated.

Stem: Stainless steel upper and lower stem. All wetted parts such as springs, pins and fasteners, shall be stainless steel or other compatible lead free non corrosive materials.

Main Valve: Ductile iron or cast iron core fully encapsulated in rubber or multiple piece. Seat may be either bronze or stainless steel.

Weather shield and cap: Ductile Iron.

Chains: No chains to be supplied.

SERVICE & GATE BOX:

Curb boxes may be manufactured in North America or selected foreign made. Selected foreign made boxes must receive prior approval based on design and style samples to be provided for review. They shall be heavy pattern cast iron, buffalo style, slip adjustable type with heavy cast iron cover and brass bolt fastener type lock. The word “WATER” shall be cast upon the cover in heavy pattern raised letters. Covers shall be drop in type without fins solid ring. Boxes shall have a bituminous internal and external coating in accordance with ANSI/AWWA C151/A21.51 and ANSI/AWWA C153/A21.53 respectively. Boxes shall have barrels of not less than 2 ½ inch in diameter. The upper section of each box shall have a bottom flange of sufficient bearing area to prevent settling. The base of the lower section shall

be a reinforced arch configuration and sized to enclose the curb stop. Box sections shall be of sufficient length to provide complete coverage for the depth of bury.

Gate valve boxes may be either manufactured in North America or selected foreign made. Selected foreign made boxes must receive prior approval based on design and style samples to be provided for review. They shall be heavy pattern cast iron, slip adjustable type and provided with heavy cast iron cover. Cover shall have the word "WATER" cast upon in heavy pattern raised letters 5 ¼ inch diameter. Cover shall be drop in type without fins solid ring. Boxes shall have a bituminous internal and external coating in accordance with ANSI/AWWA C151/A21.51 and ANSI/AWWA C153/A21.53 respectively. The upper section of each box shall have a bottom flange of sufficient bearing area to prevent settling. The bottom of the lower section shall be bell shaped and sized to enclose the stuffing box and operating nut of the valve. Boxes shall have barrels of not less than 5" in diameter. Box sections shall be of sufficient length to provide complete coverage for the depth of bury. Upper portion shall be 26" long and the bottom Section 48" (min) in length.

REPAIR COUPLING:

Repair coupling components shall meet or exceed standards AWWA C-219, NSF 61, NSF 372. Gasket shall be EPDM compounded for water, meets international standards for contact with drinking water. All repair couplings shall be manufactured to be equal to the material and design requirements of the following:

Type: Hymax or equal

Materials:

End rings:	1.5" – 12" ASTM A283 / A283M GRADE C STEEL
	14" – 16" ASTM A283 / A283M GRADE C STEEL
Center Ring:	1.5" – 12" ASTM A53 GRADE A STEEL
	14" – 60" ASTM A283 / A283M GRADE C STEEL
Gaskets:	EPDM compounded for water, meets international standards for contact with drinking water
Bridge:	AISI 304 Stainless Steel
Spherical Spacers:	AISI 304L Stainless Steel
Coating:	100% Fusion bonded epoxy for enhanced corrosion protection. Nominal thickness 14 mil

Nuts and Bolts: AISI 304 Stainless Steel. Rolled thread and anti-galling coating.

Working Pressure: 1.5” – 16” - 260 psi

SERVICE FITTINGS:

Compression Connection fittings offers high resistance to pull-out, fast installation, and a visual means to check for proper tightness. This connection is available on most valves and stops in sizes from 3/4" to 2", and for CTS tubing or IPS pipe. All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833). The product has the letters “NL” cast into the main body for lead-free identification. Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable. Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)

Type: Mueller 110 compression connection or Equal

Materials:

Nut: bottoms out on shoulder of coupling to give quick visual indication of proper tightening.

Two Designs: conductive compression connection fits type "K" copper tubing and CTS O.D. PE plastic tubing, IPS PE plastic pipe, stainless steel liners for plastic tubing and pipe.

Conductor Spring: provides metal-to-metal contact between copper tubing and fitting for electrical conductivity.

Gasket: compresses concave gripper band and seals against fitting body, pipe and nut. Uniform pressure is applied around the concave gripper, forcing each outer edge to grip the pipe for pull-out resistance. All brass that comes in contact with potable water conforms to AWWA Standard C800 (ASTM B584, UNS C89833) The product has the letters “NL” cast into the main body for lead-free identification. Certified to NSF/ANSI Standard 61 and NSF/ANSI Standard 372 where applicable. Brass components that do not come in contact with potable water conform to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS C83600, 85-5-5-5)

Nut: bottoms out on shoulder of coupling to give quick visual indication of proper tightening.

Pressure Rating: The pressure holding capability shall be designed to be greater than that of the valve or fitting on which

it is used (only in potable water distribution applications complying with AWWA standards) – 260 psi

Gripper Band: is stainless steel and overlaps itself so no gasket material can get underneath, requirements of the Federal Safe Drinking Water Act.

Brass Bushing

Brass Bushing provides reduction from one size “CC” thread to another. Shall be manufactured in compliance with ANSI/AWWA C800. Brass components in contact with potable water conform to ASTM B584, UNS C89833 and identified with “NL”. Certified to NSF/ANSI 61 and NSF/ANSI 372. Brass components not in contact with potable water conform to ASTM B62 and ASTM B584, UNS C83600 -85-5-5-5

Type: Male AWWA taper "CC" thread x female AWWA taper "CC" thread reducing bushing

Size: 1" x 3/4" , 1 1/2" x 1" , 1 1/2" x 3/4" , 2" x 1" , 2"x3/4"

Material: Shall be manufactured in compliance with ANSI/AWWA C800. Brass components in contact with potable water conform to ASTM B584, UNS C89833 and identified with “NL”. Certified to NSF/ANSI 61 and NSF/ANSI 372. Brass components not in contact with potable water conform to ASTM B62 and ASTM B584, UNS C83600 - 85-5-5-5

**BID FORM TO
KENT COUNTY WATER AUTHORITY
MATERIAL PURCHASE ONLY
GENERAL CONSTRUCTION MATERIALS**

The undersigned declares that the only persons or parties interested in this Bid as principals are as stated; that the Bid is made without any collusion with other persons, firms, or corporations; that they have carefully examined all the Material Purchase Documents and that he has informed themselves in regard to all conditions pertaining to the Work and from them the undersigned makes this Bid. These prices shall cover all expenses incurred in performing the Work required under the Material Purchase Documents of which this Bid Form is a part.

The undersigned hereby agrees to all items listed in the instructions to bidders and technical specifications and will provide all material as accepted by the KCWA in the Purchase Order to be provided to the lowest respective bidders.

The "quantities " listed in the bid form are approximate and are given for use in comparing bids and to indicate approximately the total amount of the contract; and the OWNER does not expressly or by implication represent that the actual amounts of Work will even correspond therewith, but does call particular attention to uncertainty of the quantities of work involved. An increase or decrease in the quantity for any item shall not be regarded as grounds for an increase or decrease in the unit bid price. The Owner reserves the right to increase or decrease the approximate quantities, or to omit entirely, any item listed in the bid.

Where indicated in the bid item Bidder shall supply manufacture and model number referencing the proposed material for that bid price and reserve the right to select a specific line of material if a distributor sells or markets multiple lines of that material.

The award bid contract may, upon mutual agreement of both parties, be extended for not more than two additional years without any change in Bid Item prices for the work.

The undersigned acknowledges receipt of addenda numbered:

The undersigned acknowledges that all blank spaces for bid prices must be filled in with the unit price, extended price and/or lump sum for each item. A total for all bid items shall be annotated on the appropriate lines. In accordance with the above understanding, the undersigned proposes to furnish all materials, in its entirety in the manner and under the conditions required at the prices listed as follows:

KENT COUNTY WATER AUTHORITY
MATERIAL PURCHASE ONLY
GENERAL CONSTRUCTION MATERIALS

PART 1

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.1	100 ea	5/8" Straight Meter Couplings By Male I. P. Thread Length 2.38"	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.2	100 ea	3/4" Straight Meter Couplings By Male I. P. Thread Length 2.5"	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.3	100 ea	1" Straight Meter Couplings By Male I. P. Thread Length 2.625"	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.4	1 ea	1 1/2" Straight Meter Couplings By Male I. P. Thread Length 2.84"	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				

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Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.5	1 ea	2" Straight Meter Couplings By Male I. P. Thread Length 3.00"	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.6	50 ea	¾" Curb Stop	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.7	50 ea	1" Curb Stop	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.8	1 ea	1 ¼" Curb Stop	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
1.9	1 ea	1 ½" Curb Stop	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.10 1 ea	2" Curb Stop	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.11 50 ea	¾" Corporation Stop	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.12 50 ea	1" Corporation Stop	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.13 1 ea	1 ½" Corporation Stop	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.14 1 ea	2" Corporation Stop	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.15 2 ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 7.5" O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.16 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 12" O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.17 2ea	6" SS Repair Clamp (A.C. MAIN) Size: 6" X 15" O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.18 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 20" O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.19 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 7.5"X 1" CC O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.20 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 12.5"X 1" CC O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.21 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 15"X 1" CC O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.22 2ea	6" SS Repair Clamp (A.C. Main) Size: 6" X 20"X 1" CC O.D. Range: 6.84-7.64	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.23 2ea	6" SS Repair Clamp (D.I. Main) Size: 6" X 7.5" O.D. Range: 6.90	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.24 2ea	6" SS Repair Clamp (D.I. Main) Size: 6" X 12.5" O.D. Range: 6.90	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.25 2ea	6" SS Repair Clamp (D.I. Main) Size: 6" X 15" O.D. Range: 6.90	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.26 2ea	6" SS Repair Clamp (D.I. Main) Size: 6" X 20" O.D. Range: 6.90	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.27 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 7.5" O.D. Range: 8.99-9.79	_____ (ea)	_____

Unit price in words _____			
Manufacture/model _____			
1.28 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 12.5" O.D. Range: 8.99-9.79	_____ (ea)	_____

Unit price in words _____			
Manufacture/model _____			
1.29 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 15" O.D. Range: 8.99-9.79	_____ (ea)	_____

Unit price in words _____			
Manufacture/model _____			
1.30 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 20" O.D. Range: 8.99-9.79	_____ (ea)	_____

Unit price in words _____			
Manufacture/model _____			

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.31 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 7.5"X 1"CC O.D. Range: 8.99-9.79	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.32 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 12.5"X 1"CC O.D. RANGE: 8.99-9.79	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.33 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 15"X 1"CC O.D. Range: 8.99-9.79	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.34 2 ea	8" SS Repair Clamp (A.C. Main) Size: 8"X 20"X 1"CC O.D. Range: 8.99-9.79	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.35 2 ea	8" SS Repair Clamp (D.I. Main) Size: 8"X 7.5" O.D. Range: 9.05	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.36 2 ea	8" SS Repair Clamp (D.I. Main) Size: 8"X 12.5" O.D. Range: 9.05	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.37 2 ea	8" SS Repair Clamp (D.I. Main) Size: 8"X 15" O.D. Range: 9.05	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.38 2 ea	8" SS Repair Clamp (D.I. Main) Size: 8"X 20" O.D. Range: 9.05	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.39 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 7.5" O.D. Range: 11.24-12.12	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.40 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 12.5" O.D. Range: 11.24-12.12	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.41 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 15" O.D. Range: 11.24-12.12	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.42 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 20" O.D. Range: 11.24-12.12	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.43 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 7.5"X 1"CC O.D. Range: 11.24-12.12	_____ (ea)	_____
<hr/> Unit price in words _____ Manufacture/model _____			
1.44 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 12.5"X 1"CC O.D. Range: 11.24-12.12	_____ (ea)	_____
<hr/> Unit price in words _____ Manufacture/model _____			
1.45 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 15"X 1"CC O.D. Range: 11.24-12.12	_____ (ea)	_____
<hr/> Unit price in words _____ Manufacture/model _____			
1.46 2 ea	10" SS Repair Clamp (A.C. Main) Size: 10"X 20"X 1"CC O.D. Range: 11.24-12.12	_____ (ea)	_____
<hr/> Unit price in words _____ Manufacture/model _____			

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.47 2 ea	10" SS Repair Clamp (D.I. MAIN) Size: 10"X 7.5" O.D. Range: 11.10	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.48 2 ea	10" SS Repair Clamp (D.I. Main) Size: 10"X 12.5" O.D. Range: 11.10	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.49 2 ea	10" SS Repair Clamp (D.I. Main) Size: 10"X 15" O.D. Range: 11.10	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.50 2 ea	10" SS Repair Clamp (D.I. Main) Size: 10"X 20" O.D. Range: 11.10	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.51 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 7.5" O.D. Range: 13.44-14.38	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.52 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 12.5" O.D. Range: 13.44-14.38	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.53 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 15" O.D. Range: 13.44-14.38	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.54 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 20" O.D. Range: 13.44-14.38	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.55 2 ea	12" SS Repair Clamp (A.C. Main) SIZE: 12"X 7.5"X 1"CC O.D. Range: 13.44-14.38	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.56 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 12.5"X 1"CC O.D. Range: 13.44-14.38	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.57 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 15"X 1"CC O.D. Range: 13.44-14.38	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.58 2 ea	12" SS Repair Clamp (A.C. Main) Size: 12"X 20"X 1"CC O.D. Range: 13.44-14.38	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.59 2 ea	12" SS Repair Clamp (D.I. Main) Size: 12"X 7.5" O.D. Range: 13.20	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.60 2 ea	12" SS Repair Clamp (D.I. Main) Size: 12"X 12.5" O.D. Range: 13.20	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.61 2 ea	12" SS Repair Clamp (D.I. Main) Size: 12"X 15" O.D. Range: 13.20	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.62 2 ea	12" SS Repair Clamp (D.I. Main) Size: 12"X 20" O.D. Range: 13.20	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.63 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 7.5" O.D. Range: 17.15-19.19	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.64 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 12.5" O.D. Range: 17.15-19.19	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.65 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 15" O.D. Range: 17.15-19.19	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			
1.66 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 20" O.D. Range: 17.15-19.19	_____ (ea)	_____
Unit price in words _____			
Manufacture/model _____			

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.67 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 7.5"X 1"CC O.D. Range: 17.15-19.19	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.68 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 12.5"X 1"CC O.D. Range: 17.15-19.19	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.69 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 15"X 1"CC O.D. Range: 17.15-19.19	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.70 2 ea	16" SS Repair Clamp (A.C. Main) Size: 16"X 20"X 1"CC O.D. Range: 17.15-19.19	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.71 2 ea	16" SS Repair Clamp (D.I. Main) Size: 16"X 7.5" O.D. Range: 17.40	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.72 2 ea	16" SS Repair Clamp (D.I. Main) Size: 16"X 12.5" O.D. Range: 17.40	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.73 2 ea	16" SS Repair Clamp (D.I. Main) Size: 16"X 15" O.D. Range: 17.40	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.74 2 ea	16" SS Repair Clamp (D.I. Main) Size: 16"X 20" O.D. Range: 17.40	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.75 1000 ft	3/4" CTS, 200 p.s.i. H.D.P.E. Service Tubing	_____ (ft)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.76 1000 ft	1" CTS, 200 p.s.i. H.D.P.E. Service Tubing	_____ (ft)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.77 200 ft	1 1/2" CTS, 200 p.s.i. H.D.P.E. Service Tubing	_____ (ft)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.78 200 ft	2" CTS, 200 p.s.i. H.D.P.E. Service Tubing	_____ (ft)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.79 1000 ft	3/4" K-Copper Service Tubing ANSI/ASTM B88	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.80 1000 ft	1" K-Copper Service tubing ANSI/ASTM B88	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.81 100 ft	1 1/2" K-Copper Service tubing ANSI/ASTM B88	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.82 100 ft	2" K-Copper Service tubing ANSI/ASTM B88	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.83 12	4" Multiple Wedge Restraint Gland	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.84 24	6" Multiple Wedge Restraint Gland	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.85	24	8" Multiple Wedge Restraint Gland	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
1.86	12	10" Multiple Wedge Restraint Gland	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
1.87	24	12" Multiple Wedge Restraint Gland	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
1.88	6	16" Multiple Wedge Restraint Gland	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
1.89	6	20" Multiple Wedge Restraint Gland	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.90 1	Coupling Nominal Size: 1½” ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.91 1	Coupling Nominal Size: 2” ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.92 1	Coupling Nominal Size: 3” ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.93 1	Coupling Nominal Size: 4” ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.94 1	Coupling Nominal Size: 6" ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.95 1	Coupling Nominal Size: 8" ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.96 1	Coupling Nominal Size: 10" OD 10.70-12.00 ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.97 1	Coupling Nominal Size: 10" OD 10.96-12.26 ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.98 1	Coupling Nominal Size: 12" OD 12.40-13.66 ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.99 1	Coupling Nominal Size: 12" OD 13.15-14.41 ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.100 1	Coupling Nominal Size: 16" ASTM A283 / A283M Grade C Steel _____(ea)	_____	_____
	Unit price in words _____		
	Manufacture/model _____		
1.101 25	Cast No Lead Brass Alloy Cast Brass, Size: 3/4" Male ASTM B62 Alloy C83600 _____(ea) Straight Male Compression Coupling CTS x MIP	_____	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.102 25	Cast No Lead Brass Alloy Cast Brass, Size: 1" Male ASTM B62 Alloy C83600 Straight Male Compression Coupling CTS x MIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.103 1	Cast No Lead Brass Alloy Cast Brass, Size: 1½" Male ASTM B62 Alloy C83600 Straight Male Compression Coupling CTS x MIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.104 1	Cast No Lead Brass Alloy Cast Brass, Size: 2" Male ASTM B62 Alloy C83600 Straight Male Compression Coupling CTS x MIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.105 25	Cast No Lead Brass Alloy Cast Brass, Size: ¾" Female ASTM B62 Alloy C83600 Straight Female Compression Coupling CTS x FIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.106 25	Cast No Lead Brass Alloy Cast Brass, Size: 1" Female ASTM B62 Alloy C83600 Straight Female Compression Coupling CTS x FIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.107 1	Cast No Lead Brass Alloy Cast Brass, Size: 1½" Female ASTM B62 Alloy C83600 Straight Female Compression Coupling CTS x FIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.108 1	Cast No Lead Brass Alloy Cast Brass, Size: 2" Female ASTM B62 Alloy C83600 Straight Female Compression Coupling CTS x FIP	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.109 50	Cast No Lead Brass Alloy Cast Brass, Size: ¾" ASTM B62 Alloy C83600 Straight Three Union	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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PART 1

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.110 50	Cast No Lead Brass Alloy Cast Brass, Size: 1” ASTM B62 Alloy C83600 Straight Three Union	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.111 1	Cast No Lead Brass Alloy Cast Brass, Size: 1½” ASTM B62 Alloy C83600 Straight Three Union	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.112 1	Cast No Lead Brass Alloy Cast Brass, Size: 2” ASTM B62 Alloy C83600 Straight Three Union	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.113 25	Cast No Lead Brass Alloy Copper, Size: ¾” Flare Fittings ASTM B152 Alloy C11000 Straight Coupling Compression CTS x Female Copper Flare	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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PART 1

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.114 25	Cast No Lead Brass Alloy Copper, Size: 1" Flare Fittings ASTM B152 Alloy C11000 Straight Coupling Compression CTS x Female Copper Flare	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.115 1	Cast No Lead Brass Alloy Copper, Size: 1½" Flare Fittings ASTM B152 Alloy C11000 Straight Coupling Compression CTS x Female Copper Flare	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.116 1	Cast No Lead Brass Alloy Copper, Size: 2" Flare Fittings ASTM B152 Alloy C11000 Straight Coupling Compression CTS x Female Copper Flare	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
1.117 25	Brass Bushing Male/Female AWWA Taper: 1" x ¾" "CC" thread (H-10036N)	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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PART 1

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
1.118 1	Brass Bushing Male/Female AWWA Taper: 1½” x 1” “CC” thread (H-10036N) _____(ea) _____		
	_____ Unit price in words		
	Manufacture/model _____		
1.119 1	Brass Bushing Male/Female AWWA Taper: 2” x 1” “CC” thread (H-10036N) _____(ea) _____		
	_____ Unit price in words		
	Manufacture/model _____		
Part 1	Sub-Total _____		
	_____ Sub-total in words		

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.1	500 ft	4" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.2	200 ft	4" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.3	500 ft	6" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.4	200 ft	6" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.5	500 ft	8" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.6	200 ft	8" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.7	200 ft	10" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.8	200 ft	10" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.9	500 ft	12" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.10	200 ft	12" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.11	200 ft	16" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.12	200 ft	16" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.13	200 ft	20" Push-On (Tyton Style) CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.
2.14	100 ft	20" MJ DI Pipe CL 52 Double Cement Lined	_____ (ft)	_____
		Unit price in words		Per Linear Ft.

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.15	3	4" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.16	6	6" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.17	6	8" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.18	2	10" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.19	3	12" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.20	2	16" 11 1/4° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.21	3	4" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.22	6	6" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.23	6	8" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.24	2	10" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.25	3	12" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.26	2	16" 22 1/2° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.27	3	4" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.28	6	6" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.29	6	8" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.30	2	10" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.31	3	12" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.32	2	16" 45° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.33	3	4" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.34	6	6" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.35	6	8" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.36	2	10" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.37	3	12" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.38	2	16" 90° Bends MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.39	6	6" x 6" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.40	6	8" x 6" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.41	2	10" x 6" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.42	3	12" x 6" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.43	6	8" x 8" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.44	2	10" x 8" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.45	3	12" x 8" Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.46	6	6" x 6" Anchor Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				
2.47	6	8" x 6" Anchor Tees MJ DI w/acc.	_____ (ea)	_____
Unit price in words				

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PART 2

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.48 2	10" x 6" Anchor Tees MJ DI w/acc. with Glands	_____ (ea)	_____
	Unit price in words		
2.49 3	12" x 6" Anchor Tees MJ DI w/acc.	_____ (ea)	_____
	Unit price in words		
2.50 2	16" x 6" Anchor Tees MJ DI w/acc.	_____ (ea)	_____
	Unit price in words		
2.51 2	20" x 6" Anchor Tees MJ DI w/acc.	_____ (ea)	_____
	Unit price in words		
2.52 6	4" MJ DI Caps w/acc.	_____ (ea)	_____
	Unit price in words		
2.53 6	6" MJ DI Caps w/acc.	_____ (ea)	_____
	Unit price in words		
2.54 6	8" MJ DI Caps w/acc.	_____ (ea)	_____
	Unit price in words		

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PART 2

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.55	2	10" MJ DI Caps w/acc. and Glands	_____ (ea)	_____
Unit price in words				
2.56	6	12" MJ DI Caps w/acc.	_____ (ea)	_____
Unit price in words				
2.57	3	16" MJ DI Caps w/acc.	_____ (ea)	_____
Unit price in words				
2.58	3	6" x 4" MJ DI Reducer w/acc.	_____ (ea)	_____
Unit price in words				
2.59	3	8" x 4" MJ DI Reducer w/acc.	_____ (ea)	_____
Unit price in words				
2.60	6	8" x 6" MJ DI Reducer w/acc.	_____ (ea)	_____
Unit price in words				
2.61	6	6" MJ Solid Sleeve	_____ (ea)	_____
Unit price in words				

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PART 2

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
2.62 6	8" MJ Solid Sleeve	_____ (ea)	_____
	Unit price in words		
2.63 6	12" MJ Solid Sleeve	_____ (ea)	_____
	Unit price in words		
2.64 4	16" MJ Solid Sleeve	_____ (ea)	_____
	Unit price in words		
Part 2	Sub-Total	_____	
	Sub-total in words	_____	

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PART 3

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
3.1	4	Hydrants 5 1/4" Valve Opening 6' Bury 6" Shoe	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
3.2	4	Hydrants 5 1/4" Valve Opening 5' 6" Bury 6" Shoe	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
3.3	4	Hydrants 5 1/4" Valve Opening 5' Bury 6" Shoe	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
3.4	4	Hydrants 5 1/4" Valve Opening 4 1/2' Bury 6" Shoe	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
3.5	4	Hydrants 5 1/4" Valve Opening 4' Bury 6" Shoe	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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PART 3

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
3.6	6	Hydrant Extension Kit 6" With Accessories Mueller A-139	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.7	6	Hydrant Extension Kit 6" With Accessories Mueller A-320	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.8	6	Hydrant Extension Kit 6" With Accessories Kennedy K-81D	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.9	6	Hydrant Extension Kit 6" With Accessories Darling B84B	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				

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PART 3

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
3.10	6	Hydrant Extension Kit 6" With Accessories (AVK)	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.11	6	Hydrant Extension Kit 12" With Accessories Mueller A-139	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.12	6	Hydrant Extension Kit 12" With Accessories Mueller A-320	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.13	6	Hydrant Extension Kit 12" With Accessories Kennedy K-81D	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				

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PART 3

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
3.14 6	Hydrant Extension Kit 12" With Accessories Darling B84B	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
3.15 6	Hydrant Extension Kit 12" With Accessories (AVK)	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
3.16 6	Hydrant Traffic Repair Kit With Accessories Mueller A-300(4½)	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
3.17 6	Hydrant Traffic Repair Kit With Accessories Mueller A301(5¼)	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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PART 3

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
3.18	6	Hydrant Traffic Repair Kit With Accessories Kennedy 5" K-81D	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.19	6	Hydrant Traffic Repair Kit With Accessories Kennedy 4½" K-81D	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.20	6	Hydrant Traffic Repair Kit With Accessories Darling B84B	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
3.21	6	Hydrant Traffic Repair Kit With Accessories AVK	_____ (ea)	_____

Unit price in words _____				
Manufacture/model _____				
Part 3			Sub-Total _____	

Sub-total in words _____				

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PART 4

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
4.1	6	4" M.J. Resilient Seated Valve W/acc. with Glands, Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.2	6	4" M. J. Resilient Seated Valve W/acc. with Glands, Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.3	12	6" M. J. Resilient Seated Valve W/acc. with Glands, Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.4	12	6" M. J. Resilient Seated Valve W/acc. with Glands, Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.5	12	8" M. J. Resilient Seated Valve W/acc. with Glands, Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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PART 4

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
4.6	12	8" M. J. Resilient Seated Valve W/acc. with Glands, Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.7	2	10" M. J. Resilient Seated Valve W/acc. with Glands, Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.8	2	10" M. J. Resilient Seated Valve W/acc. with Glands, Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.9	6	12" M. J. Resilient Seated Valve W/acc. with Glands, Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.10	6	12" M. J. Resilient Seated Valve W/acc. with Glands, Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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PART 4

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
4.11	2	4" M. J. Resilient Seated Tapping Valve w/acc. less glands Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.12	2	4" M. J. Resilient Seated Tapping Valve w/acc. less glands Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.13	6	6" M. J. Resilient Seated Tapping Valve w/acc. Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.14	6	6" M. J. Resilient Seated Tapping Valve w/acc. Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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PART 4

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
4.15	6	8" M. J. Resilient Seated Tapping Valve w/acc. Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.16	6	8" M. J. Resilient Seated Tapping Valve w/acc. Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.17	6	10" M. J. Resilient Seated Tapping Valve w/acc. Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.18	6	10" M. J. Resilient Seated Tapping Valve w/acc. Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		

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PART 4

Item No.	Estimated Quantity	Size & Description	Unit Bid Price Each	Total Amount
4.19	6	12" M. J. Resilient Seated Tapping Valve w/acc. Open Right	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
4.20	6	12" M. J. Resilient Seated Tapping Valve w/acc. Open Left	_____ (ea)	_____
		Unit price in words _____		
		Manufacture/model _____		
Part 4			Sub-Total _____	
Sub-total in words _____				

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PART 5

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
5.1 100	Cast Iron Valve Box Top Section with Covers	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
5.2 100	Cast Iron Valve Box Bottom Section	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
5.3 100	Cast Iron Curb Box Top Section with Covers	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
5.4 100	Cast Iron Curb Box Bottom Section	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
5.5 100	Curb Box Repair Lids Mueller, Size: 2½” Inside – H-10373 or equal	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		

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PART 5

Item Estimated No. Quantity	Size & Description	Unit Bid Price Each	Total Amount
5.6 100	Curb Box Repair Lids Mueller, Size: 2½” Outside H-10374 or equal	_____ (ea)	_____
	Unit price in words _____		
	Manufacture/model _____		
Part 5	Sub-Total	_____	
	Sub-total in words _____		

Notice of acceptance should be mailed, telegraphed, or delivered to the undersigned Bidder at the following address:

(Name)

By: _____
(Title)

(Business Address)

(City and State)

Date _____

Note: If the Bidder is a corporation, indicate State of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses, if different from business address.