



MANATEE COUNTY FLORIDA

July 7, 2011

TO: All Interested Bidders
SUBJECT: Invitation for Bids #11-2449CD
Water and Sewer Materials and Accessories

ADDENDUM #1

Bidders are hereby notified that this Addendum shall be acknowledged on page 31 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgment of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the quote and contract documents. These items shall have the same force and effect as the original quoting and contract documents, and cost involved shall be included in the quote prices. Quotes to be submitted on the specified quote date, shall conform to the additions and revisions listed herein.

1. CHANGE Article C.05, PRICES & TERM, on page 13 of the bid document to read as follows:

Bidders shall bid a firm fixed, best unit price including all discounts in accordance with unit of quantity indicated on the Bid form. For like items not listed in a commodity group, the bidder shall provide a fixed discount percent (%) off a Manufacturer's Suggested Retail Price (MSRP) list or fixed percent (%) markup to a published wholesaler's price list.

The prices bid shall be used for payment and shall be deemed to include payment in full for all transportation, labor, and equipment used in delivering all supplies and materials to the point of delivery.

2. ADD the following paragraph to Article C.06, RENEWAL, on page 13 of the bid documents:

If not cancelled by the Vendor or the County, the County shall provide the Vendor a written notice of intent to renew no sooner than 60 days prior to the end of a contract period.

3. ADD the following Article C.07.c, Wholesaler's Price List, to page 14 of the bid documents:

- c. **Wholesaler's Price List:** Prices may change once annually when Vendor's percentage markup is applied to a wholesaler's new, published, wholesale price list. The vendor's percentage markup shall remain firm for the life of the contract.

Financial Management Department - Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mvmanatee.org

4. CLARIFICATION of approved products and/or manufacturer's part numbers listed in either Article D.04 of the bid document or on the Bid Form:

As stated in the first paragraph of Article D.04, on page 15 of the bid document, the approved products listed for each group are those manufacturer's products that are currently being purchased by the Manatee County Utilities Department Warehouse.

Manufacturer's part numbers that are listed on the Bid Form are listed to enhance the description of the items so that bidders may offer an equal item of a different manufacturer.

Unless otherwise noted, Manatee County will accept bids of equal manufacturer's products that meet the published Manatee County Utility Standards.

- 5. DELETE** Articles D.04.1 thru D.04.12, on pages 16 thru 26 of the bid document, and **INSERT** the Revised pages 16 thru 26 that are attached to this Addendum #1.
- 6. DELETE** the Bid Form pages 32 thru 70 of the bid document, and **INSERT** the Revised Bid Form pages 32 thru 69 that are attached to this Addendum #1.
- 7. CHANGE** the Due Date and Time to **Tuesday, July 26, 2011 at 3:00 PM.**

The following questions were asked during or after the information conference held on June 23, 2011:

Question #1: How will Manatee County handle the "no lead brass" portion of the new Safe Drinking Water Act signed into law in January, particularly the brass service line fittings?

Response #1: The Manatee County Utilities Department is following this legislation carefully and should it not be repealed, Manatee County will work closely with the awarded vendor to use existing stock of "leaded brass" so that the transition to the "no lead brass" requirement can be accomplished prior to the required 2014 date.

QUESTION #2: For bid items L7 thru L16, Traffic Repair Kits in Group L, are these items to be OEM and have SS hardware included in all traffic repair kits and hydrant extensions?

RESPONSE #2: Yes. Please note that the Traffic repair Kits are now listed in Sub Groups K-A thru K-C in the REVISED BID FORM that is attached to this Addendum #1.

QUESTION #3: For bid items L24 thru L26, MJ x Swivel Tee in the Hydrant Group L, are these items required to be fusion bonded epoxy also?

RESPONSE #3: Yes. Please note that these items have been moved to the Ductile Iron Pipe and Fittings Group H in the REVISED BID FORM that is attached to this Addendum #1, and are now bid items H83 thru H85.

END OF ADDENDUM #1

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Tuesday, July 26, 2011 at 3:00 PM.**

Sincerely,


R.C. "Rob" Cuthbert, CPM, CPPO
Purchasing Official

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1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
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D.04 MATERIAL SPECIFICATIONS (Continued)**1. GROUP A- PVC Fittings and Pipe- Schedule 40 and Schedule 80**

Items in this group shall conform to ASTM D2467 or latest revision thereof, for threaded pressure fittings, dimensions, thread gauging, minimum wall thickness and burst pressure, material classification, various quality aspects and requirements for marking identification for plugs, and ASTM D1784, manufactured from compounds with cell classification 12454B (type 1, grade 1 material) for nipples and plugs, and D1785 dimensional requirements, minimum burst and sustained pressure requirements, maximum operating pressure, and test procedures for determining pipe quality with respect to workmanship for nipples.

APPROVED PRODUCTS:

- a. Spears
- b. Lasco
- c. Chemtrol Nibco

2. GROUP B-PVC PIPE C900 (4" AND ABOVE):

- a. Polyvinyl chloride (PVC) pressure pipe, 4 - 12 inches in diameter, shall be Class 235, DR 18, meeting the requirements of AWWA C900 and shall have cast-iron pipe- equivalent outside diameters (also known as ductile iron pipe size (DIPS)). Each length of pipe shall be hydrostatically tested to four times its pressure class of the pipe by the manufacturer in accordance with AWWA C900. Polyvinyl chloride (PVC) pressure pipe, 14 inches in diameter and above, shall be ductile iron pipe size (DIPS) outside diameter and shall meet the requirements of AWWA C905. Pipe used in water and reclaimed water service shall be DR 18 and Pressure Class 235. Pipe used in sewer force mains shall be DR 21 and Pressure Class 200. Each length of pipe shall be hydrostatically tested at twice its pressure class in accordance with AWWA C905. Pipe shall be furnished in standard lengths of approximately 20 feet.
- b. All pipe materials used in potable water systems shall comply with NSF Standard 61. PVC pipe shall bear identification markings in accordance with AWWA C900, AWWA C905 or ASTM D2241. PVC pipe shall be color coded blue for water, purple (Pantone purple 522C) for reclaimed water or green for pressure sewer using a solid pipe color pigment.

APPROVED PRODUCTS:

- | | |
|------------------------------------|-----------------------------|
| a. JM Eagle Blue Brute | d. Freedom Plastics |
| b. North American Pipe Corporation | e. National Pipe & Plastics |
| c. Diamond Plastics | |

3. GROUP C-PVC PIPE & FITTINGS- GRAVITY SEWER (SDR 26)

- a. Polyvinyl chloride (PVC) gravity sewer pipe and fittings, 4-15 inches in diameter, shall be SDR 26, meeting the requirements of ASTM D 3034. Joining of pipe sections and fittings shall be by water-tight push-on joints using elastomeric gaskets in accordance with ASTM D 3212. Polyvinyl chloride (PVC) pipe, 16-48 inches in diameter, for gravity sewers, shall be DR 25, with cast-iron (CI) outside diameter, meeting the requirements of AWWA C905.

- b. PVC gravity sewer pipe shall bear identification markings in accordance with ASTM D 3034 or AWWA C905. PVC gravity sewer pipe shall be color coded green using a solid pipe color pigment.
- c. PVC fittings for sewer laterals shall also be SDR 26, molded in one piece, with elastomeric joints in accordance with ASTM D-3034. The PVC joints shall be of the push-on type with a single rubber gasket conforming to ASTM F 477.

APPROVED PRODUCTS (PIPE)

- | | |
|------------------------------------|-----------------------------|
| a. JM Eagle | d. Freedom Plastics |
| b. North American Pipe Corporation | e. National Pipe & Plastics |
| c. Diamond Plastics | f. Hawk Plastics |

APPROVED PRODUCTS (FITTINGS)

- | | |
|---------------------|----------------------------|
| a. Harco | e. JM Eagle |
| b. Tigre | f. Plastic Trends |
| c. Multi-Fittings | g. Specified Fitting, Inc. |
| d. Freedom Plastics | |

4. GROUP D- HDPE Pipe and Fittings (DR-11):

- a. Polyethylene pipe 4" diameter and larger shall be high-density bimodal PE 3408/PE 100/PE4710 polyethylene resin with a minimum cell classification of 445574 per ASTM D3350, Class 160, DR 11, Performance Pipe DriscoPlex 4000, or an approved equal, meeting the requirements of AWWA C906. All pipe materials used in potable water systems shall comply with NSF Standard 61. Outside diameters of water, reclaimed water and pressure sewer HDPE pipes shall be ductile-iron sizing system (DIPS).
- b. Polyethylene tubing 2 inches in diameter and smaller for potable water and reclaimed water shall be high-density PE 3408 polyethylene resin per ASTM D2737, Pressure Class 200, Copper Tube Size (CTS), SDR 9, Performance Pipe DriscoPlex 5100, Endot EndoPure Charter Plastics, or an approved equal, meeting the requirements of AWWA C901.
- c. Flanged joints, mechanical joints and molded fittings for 4" and larger pipe shall be in accordance with AWWA C906. Mechanical joints and fittings for 3" and smaller pipe & tubing shall meet the requirements of: AWWA C901, ASTM D 3350 and ASTM D 3140. All joints made to CTS size HDPE tubing shall use stainless steel insert stiffeners.
- d. Pipe and tubing shall bear identification markings in accordance with AWWA C906 or C901. Pipe shall be color coded blue for water, purple (Pantone purple 522 C) for reclaimed water or green for pressure sewer using a solid pipe color or embedded colored stripes. Where stripes are used, there shall be a minimum of three stripes equally spaced.
- e. All HDPE pipe shall be supplied in standard 40 foot lengths and all HDPE tubing shall be supplied in 100 foot rolls.

APPROVED PRODUCTS:

- | | |
|---------------------|----------------------------|
| a. Isco | d. Specified Fitting, Inc. |
| b. Improved Piping | |
| c. Central Plastics | |

APPROVED PRODUCTS (TUBING):

- | | |
|--------------------------------|---------------------|
| a. Arnco Perma-Guard/PW Tubing | c. Charter Plastics |
| b. Endot Industries Endopure | d. Vanguard Procore |

APPROVED PRODUCTS (INSERTS):

- a. A Y. McDonald
- b. Ford
- c. Charter Plastics

5. GROUP E-MISCELLANEOUS BRASS:

- a. **FITTINGS-** Nipples and Bushings shall be made from red brass conforming to ASTM B43, B62 and ANSI B16.15 or latest revision thereof and have standard iron pipe threads.
- b. **VALVES-** Valves shall have a cast bronze body conforming to ASTM B62 (85-5-5-5) with both ends having female iron pipe threads. All valves must be full port opening.

APPROVED PRODUCTS (Fittings):

- a. Merit Brass
- b. Lee Brass
- c. Cambridge Brass
- d. Ford

APPROVED PRODUCTS (Valves):

- a. Profio
- b. American Valve
- c. Jomar

6. GROUP F-BRASS SERVICE LINE FITTINGS AND ACCESSORIES:

- a. **CURB STOPS:** Ball valves for water and reclaimed water, in sizes 3/4-inch through 2-inch, shall be brass body, stem and ball per ASTM B 62, alloy 85-5-5-5, full port, full flow, 1/4-turn check, ball curb valves, rated for 300 psi, Mueller 300, Ford B-Series, or approved equal, with compression, pack joint, flare, threaded or flanged ends as required, and locking wings.
- b. **METER COUPLINGS (Standard Length)-** Straight brass meter coupling for use with 5/8"x3/4" and 1" meters with outside iron pipe threads on tailpiece and slip-on meter swivel nut. 3/4" and 1" tailpiece must be machined inside and outside. All couplings are to be manufactured from water works brass meeting or exceeding (**ASTM B-62**) and supplied with 1/8" thick black EPDM or Nitrile Buna-N rubber washers.
- c. **METER COUPLINGS (Short Length)-** Straight brass meter coupling for use with 5/8"x3/4" and 1" meters with outside iron pipe threads on tailpiece and slip-on meter swivel nut. 3/4" and 1" tailpiece must have an inside hex wrench surface. All couplings are to be manufactured from water works brass meeting or exceeding (**ASTM B-62**) and supplied with 1/8" thick black EPDM or Nitrile Buna-N rubber washers.
- d. **CORPORATION STOPS-** Corporation stops for connections to ductile iron and PVC water and reclaimed water mains shall be all red brass, alloy 85-5-5-5, per ASTM B 62, and shall conform to AWWA C800. 1-inch through 2-inch corporation stops shall be ball type, 300 psi working pressure rated, with AWWA MIP threaded inlets and compression, pack joint, flare, or FIP threaded joint outlets, Mueller or an approved equal. All joints made to CTS size HDPE tubing shall use stainless steel insert stiffeners.

- e. **METER RESETTERS-** Meter resetters shall be the ball valve-type with full port opening and locking wing and be constructed of water works brass ASTM-B62. Replacement resetter's inlet & outlet shall be male meter thread as to accommodate meter.

APPROVED PRODUCTS:

- a. Ford B-Series
- b. Mueller 300- with Pack Joints

7. GROUP G-MISCELLANEOUS WATER AND SEWER VALVES:

- a. **RESILIENT- SEATED GATE/ OS&Y VALVES:** Gate valves 2 inches to 14 inches in diameter shall be resilient seated, manufactured to meet or exceed the requirements of AWWA C509 or AWWA C515 and shall be UL listed and FM approved where applicable. Valves shall have an unobstructed waterway equal to or greater than the full nominal diameter of the valve. The valves shall have a non-rising stainless steel stem to eliminate lead content. All bolts, nuts and washers shall be stainless steel to eliminate exterior corrosion and maintain fastener strength. Manufacturer shall use Never-Seez or equivalent during assembly of bolt and nut sets to prevent galling of similar metals. Stem seals shall be provided and shall be of the O-ring type, two above and one below the thrust collar.

Valves that are located above grade and located in valve vaults shall be OS&Y with flanged joints. The wedge shall be ductile iron fully encapsulated with an EPDM rubber.

The Elastomer type shall be permanently indicated on the disc or body of the valve. The resilient sealing mechanism shall provide zero leakage at the water working pressure when installed with the line flow in either direction. The valve body, bonnet, and bonnet cover shall meet or exceed all the requirements of AWWA C509 or AWWA C515.

Gate valves meeting AWWA C509 requirements shall be rated for an operating pressure of 200 psi and shall be tested in accordance with AWWA C509. Valves meeting AWWA C515 requirements shall be rated for an operating pressure of 250 psi and shall be tested in accordance with AWWA C515. The valves are to have 2-inch cast or ductile iron AWWA operating nuts and shall open left or counter-clockwise.

The valves shall be covered by a Manufacturer's 10 year warranty on manufacturer's defects and reasonable labor costs for replacement. Warranty shall become effective from the date of purchase by the end user and delivered within 30 days from the receipt of the purchase order. For publicly owned and maintained utilities, the end user is Manatee County Government.

Gate valves shall be assembled and tested in a certified ISO 9001:2000 manufacturing facility within the United States and provide their certification of meeting internationally recognized quality control procedures.

- b. **RESILIENT-SEATED TAPPING VALVES:** Tapping valves shall meet the requirements of AWWA C509/C515 with ductile iron body and shall be rated for a pressure of 250 psi. The valves shall be flanged with alignment ring by mechanical joint with a non-rising stainless steel stem to eliminate lead content. All bolts, nuts and washers shall be stainless steel to eliminate exterior corrosion and maintain fastener strength. Manufacturer shall use Never-Seez or equivalent during assembly of bolt and nut sets to prevent galling of similar metals. Stem seals shall be provided and shall be of the O-ring type, two above and one below the valve's thrust collar. Valve shall be designed for vertical burial and shall open counterclockwise. Operating nut shall be AWWA standard 2-inch square for valves 2 inches and up. Valves shall have an unobstructed waterway equal to or greater than the full nominal diameter of the valve to accommodate full size shell cutter. Gaskets shall cover the entire area of the flange surface and be 1/8-inch minimal thickness of red rubber. The wedge shall be ductile iron fully encapsulated with EPDM rubber. All bolts, nuts and washers between the sleeve and valve shall be stainless steel.

- c. **ECCENTRIC PLUG VALVES:** Plug valves shall be eccentric, non-lubricating type with integral plug and shafts and shall be furnished with end connections and with actuating mechanisms as called for on the construction plans or as otherwise required. Valves shall seal bubble-tight or water drop-tight in both directions when tested according to the Leakage Test method of AWWA C504 with an air pressure or hydrostatic pressure of 150 psi. Plug valves shall also be subjected to the internal, full body Hydrostatic Test of AWWA C504 at a pressure two times the rated pressure or a minimum pressure of 300 psi, whichever is greater. During the test, there shall be no leakage through the metal, or through the end joints or shaft seal, nor shall any part of the valve be deformed.

Flanged valve ends shall be faced and drilled according to ANSI B 16.1, Class 125. Mechanical joint valve ends shall conform to AWWA C111. Threaded ends shall conform to the NPT requirements of ANSI B1.20.1.

The plug valve body, bonnet and gland shall be cast iron per ASTM A 126, Class B. The integral plug and shafts shall be cast iron ASTM A 126, Class B, or 316 stainless steel. The entire plug, except for the shafts, shall be covered with nitrile (Buna N) rubber. The rubber compound shall have been vulcanized to the metal plug and shall have a peel strength of not less than 75 pounds per inch when tested according to ASTM D 429, method B. The valve seat shall be at least 90 percent pure nickel, welded-in overlay into the cast iron body. The top and bottom bearings shall be 316 stainless steel. Plug valves shall have a minimum port area of 100 percent of the nominal pipe size area unless noted otherwise. Valves shall have worm gear type actuators with 2-inch square operating nuts.

Plug valves shall be coated inside with Protecto 401 or amine-cured novolac ceramic epoxy or another two-part epoxy suitable for sanitary sewer service which has been approved by Manatee County.

- d. **CHECK VALVES WITH WEIGHTED ARMS:** Check valves shall be swing type, weighted lever, conforming to AWWA C508. Valves shall be iron-body, bronze-mounted, single disk, 175 psi working pressure for 2-through 12-inch, 150 psi for 14- through 30-inch, with ANSI B16.1 Class

125 flanged ends, by Mueller; No. A-2600-6-01 (sewer), No. A-2602-6-01 (water), or AVK Series 41, or an approved equal. Check valves shall have bronze seat and body rings, extended bronze or stainless steel hinge pins and stainless steel nuts and bolts on bolted covers.

Valves shall be so constructed that disc and body seat may easily be removed and replaced without removing the valve from the line. Valves shall be fitted with an extended hinge arm with outside lever and weight.

- e. **EXTENSION VALVE STEMS:** Shall be complete with centering rings and stainless steel pin. The extensions shall be "ALL" stainless steel or hot dipped galvanized only.

APPROVED PRODUCTS (Resilient Lined Valves):

- a. Kennedy
- b. Mueller
- c. American AVK
- d. American Darling

APPROVED PRODUCTS (Eccentric Plug Valves):

- a. Milliken (or equivalent)

APPROVED PRODUCTS (Check Valves):

- a. Mueller
- b. AVK

8. GROUP H- DUCTILE IRON PIPE AND FITTINGS:

- a. Ductile iron pipe shall conform to AWWA C150 and AWWA C151. Pipe shall be Pressure Class 350. All ductile iron pipe used in above ground applications shall be Special Thickness Class 53. All pipe materials used in potable water systems shall comply with NSF Standard 61.

Unrestrained joint pipe shall be supplied in lengths not to exceed 21 ft. and shall be either the rubber-ring compression-type push-on joint or standard mechanical joint pipe as manufactured by the American Cast Iron Pipe Company, U.S. Pipe and Foundry Company, or an approved equal.

- b. All mechanical joint fittings shall be pressure rated for 350 psi for sizes 4-24 inches and 250 psi for sizes 30 inches and larger. All flanged fittings shall be pressure rated for 250 psi for all sizes. All fittings shall meet the requirements of AWWA C110 or AWWA C153. All ductile iron fittings supplied shall comply with AWWA C550 for protective fusion bonded epoxy coated ductile iron fittings. Rubber gaskets shall conform to AWWA C111 for mechanical and push-on type joints and shall be Ethylene Propylene Diene Monomer (EPDM) rubber for potable water and reclaimed water pipelines. Standard gaskets shall be such as Fastite as manufactured by American Cast Iron Pipe Company, or an approved equal.
- c. Thrust restraint devices shall be either concrete thrust blocks or restraining glands as manufactured by Star Pipe Products, Stargrip 3000 and 3100, Allgrip 3600, or as manufactured by EBAA Iron Sales, Megaflange, 2000 PV, or other approved equal restraining gland products.

Restrained joint pipe fittings shall be designed and rated for the following pressures:

350 psi for pipe sizes up to and including 24" diameter

250 psi for pipe sizes 30" diameter and above

APPROVED PRODUCTS

(DI Flanged Fittings):

- a. Star Pipe
- b. Sigma
- c. Custom Fab

(MJ Fittings):

- a. Star Pipe
- b. Sigma
- c. Merit

(Joint Restraints):

- a. Star Pipe
- b. Ebba
- c. JCM
- d. Ford

9. GROUP I- MISCELLANEOUS WATER AND SEWER REPAIR CLAMPS:

- a. **PATCH CLAMPS-** Repair clamps (pipe saver) shall have 18-8 type 304 stainless steel bands with ductile iron lugs per ASTM A536 and flexible EPDM, Nitrile Buna-N or Viton gasket with grid surface to cover entire face of stainless steel bands. Gaskets shall be securely glued or imbedded in the band to ensure a positive seal. Clamps shall be of the single bolt type with three (3) inch bandwidth. 3/4" and 1" Long Clamps shall be two bolt type with six (6) inch bandwidth.
- b. **SINGLE BAND REPAIR CLAMPS-** Full seal clamps shall have type 304 stainless steel bands with ductile iron lugs per ASTM A536 and flexible EPDM or Nitrile Buna-N gasket with grid surface and tapered ends. Bolts and hex nuts shall be low alloy per ASTM A242 and AWWA C 111. Clamps shall be of multiple bolt drop in design, and shall completely enclose the pipe.
- c. **HYDRAULIC REPAIR COUPLINGS-** All couplings in this category shall be bolted couplings type, with ductile iron body, epoxy coated EPDM gaskets, equipped with 304 stainless steel nuts and bolts, and have a 250 psi working pressure.
- d. **COMPRESSION COUPLINGS-** All couplings in this category shall be shipped completely assembled and ready to use for quick installation onto plain-end pipe or tubing. The couplings shall be the long style couplings and be made of either steel or malleable iron; fitting bodies constructed of malleable iron shall conform to ANSI specifications for 150 psi rated fittings.
- e. **FLEXIBLE COUPLINGS-** All couplings in this category shall be manufactured of a Poly Vinyl Chloride (PVC) compound which is chemical resistant, light stable (ultraviolet, sunlight) and mildew and fungus resistant. All adapters shall be single unit construction; no bushings or donuts will be accepted. The material shall conform to ASTM specification D-5926, C-425, and C-1173. The size and application marking shall be permanently embossed with raised letters on each adapter. Bands and screw assembly shall be manufactured from totally non-magnetic series 300 stainless steel.

- f. **SERVICE TAPPING SADDLES-** The saddle body shall be made of brass alloy per ASTM B62 (85-5-5-5) Service Saddles shall be of the multiple strap design or a single strap over three inches (3") in width. The straps and bolts shall be made from 18-8 type 304 stainless steel. The straps shall have a curvature accurately formed to meet the diameter of the pipe on which the service is to be installed. There shall be a Nitrile Buna-N or EPDM rubber gasket securely glued to or imbedded in the body of the clamp to insure positive sealing against pipe.
- g. **DUCTILE IRON TAPPING SADDLES-** The saddle body shall be made of ductile iron per ASTM A536 or latest version thereof. Ductile iron bodies shall be coated with a fusion epoxy coating of minimum 12 mils thickness. Saddles shall be of the multiple strap design or a single strap over three inches (3") in width. The straps and bolts shall be made from 18-8 type 304 stainless steel. The straps shall have a curvature accurately formed to meet the diameter of the pipe on which the service is to be installed. There shall be a Nitrile Buna-N or EPDM rubber gasket securely glued to or imbedded in the body of the clamp to insure positive sealing against pipe.
- h. **STAINLESS STEEL TAPPING SADDLES-** Service saddles shall be made from 18-8, Type 304 stainless steel, per ASTM A240. All saddles shall be of one-piece construction and shall be certified to ANSI/NSF 61. Service Saddles shall be 8 inches wide for 3 inch through 12 inch pipe sizes with outlets of 3/4 inch through 2 inch, CC or IPS thread. These saddles shall have a double stud/receiver assembly per side. Bolts and nuts shall be 5/8-11, 18-8 stainless steel.

APPROVED PRODUCTS

(Patch Clamps):

- a. JCM 110
- b. Smith Blair
- c. Ford
- d. Romac
- e. Powerseal

(Repair Clamps):

- a. JCM 101
- b. Smith Blair 226
- c. Ford F1
- d. Power Seal 3121
- e. Dresser
- f. Cascade CR1

(Hydraulic Repair Couplings):

- a. Hymax (or equivalent)

(Compression Couplings):

- a. Dresser 65 (long)
- b. Telsco 702

(Flexible Couplings):

- a. Fernco
- b. NDS, Inc.
- c. Mission Rubber

(Service Saddles):These are the only approved products**

- a. Ford FS70, 202BS
- b. Smith Blair 325

(Ductile Iron Saddles):

- a. JCM
- b. Smith Blair
- c. Ford
- d. Power Seal
- e. Mueller
- f. Cascade

(Stainless Steel Saddles):

- a. JCM
- b. Smith Blair
- c. Power Seal
- d. Cascade
- e. Ford

10. GROUP J- METER AND VALVE BOXES AND RELATED ACCESSORIES:

- a. **VALVE BOX-** All valve boxes shall be of the slip or sliding type. Round head boxes shall have with lid marked "WATER" or "SEWER" (designation at time of order). Square head boxes shall have with lid marked "RECLAIMED". All valve boxes and lids shall be produced from gray cast iron conforming to the latest revision of specification for gray iron castings, ASTM designation A48, class 30A-35. Valve boxes, covers and adapters shall be designed, constructed and capable of withstanding H-20 type loading. All casting must be poured at a foundry located in the U.S.A. or have ISO 9001 or later certification. All castings shall have distinctly cast upon them the manufacture's identification. All castings shall be true and free of holes. They shall be cleaned according to good foundry practice, chipped and ground as needed to remove fins and rough places on castings. All castings shall have a black paint or seal-coated finish. When casting is complete, the lid shall fit flush in the box without forcing and shall not rock. One (1") and two (2"), (a tolerance of one half (1/2") for each height will be acceptable), extensions shall be continuously compatible to achieve any desire height. If a different lid is used for square box extensions it will be supplied and included in the price. Round lids shall have a minimum skirt of one and one-half (1-1/2"), for a total lid height of three and one-half (3-1/2") inches. All boxes shall have a five and one-quarter (5-1/4") inch shaft. Round heads shall be nine (9") inches in diameter; square heads shall be seven and one-quarter (7-1/4") inches square.
- b. **METER BOX-** All meter boxes and lids shall be produced from gray cast iron conforming to the latest revision of specification for gray iron castings, ASTM designation A48, class 30A-35. Meter boxes and covers shall be designed, constructed and capable of withstanding H-20 type loading. All casting must be poured at a foundry located in the U.S.A. or have ISO 9001 or later certification. All castings shall have distinctly cast upon them the manufacture's identification. All lids for Water shall be epoxy painted blue and marked accordingly; all lids for Reclaimed Water shall be epoxy painted purple and marked accordingly.
- c. **CLEANOUTS AND LIDS-** All cleanouts and lids shall be produced from gray cast iron conforming to the latest revision of specification for gray iron castings, ASTM designation A48, class 30A-35. Meter boxes and covers shall be designed, constructed and capable of withstanding H-20 type loading. All casting must be poured at a foundry located in the U.S.A. or have ISO 9001 or later certification.
- d. **MANHOLE INFLOW PROTECTORS-** The inflow protectors and its associated components shall be manufactured from a corrosion proof material suitable for atmospheres containing hydrogen sulphide and other gases associated with wastewater collection systems.

APPROVED PRODUCTS

(Valve Boxes):

- a. Sigma
- b. Rell
- c. Star
- d. Carbin

(Meter Boxes):

- a. Rome
- b. Sigma
- c. Okie Dookie (only when specified on order)

(Cleanouts and Lids):

- a. Sigma
- b. Us Foundry

(Inflow Protectors):

- a. LFM
- b. Inflow Systems
- c. Rainstopper (stainless steel)

11. GROUP K-HYDRANTS AND RELATED PARTS:

- a. **FIRE HYDRANTS:** Hydrants shall be dry barrel, nostalgic style, and shall be AVK Model 2780, or approved equal, and shall conform to AWWA C502 and be UL/FM certified, and shall in addition meet the specific requirements and exceptions which follow:

- Hydrants shall be according to manufacturer's standard pattern or nostalgic style and of standard size, and shall have one 5-inch Storz connection or equivalent with two 2½- inch hose nozzles. Hydrant inlet connections shall have mechanical joints for 6-inch pipe.
- Hydrant valve opening shall have an area at least equal to that area of a 5 1/4-inch minimum diameter circle and be obstructed only by the valve rod. Each hydrant shall be able to deliver 500 gpm minimum through its two 2 1/2 -inch hose nozzles when opened together with a loss of not more than 2 psi in the hydrant per AWWA C502.
- The upper and lower stem rod shall be stainless steel and shall have a breakable stem-rod coupling of stainless steel, or cast iron or ductile iron with a fusion bonded epoxy coating, with stainless steel pins and clips. Hydrants shall be hydrostatically tested as specified in AWWA C502 and shall be rated at 250 psi minimum.
- The operating nut shall be 1 ½ -inch pentagon shaped with a protective weather cover, and open counter clockwise.
- All nozzle threads shall be American National Standard. Each nozzle cap shall be provided with a Buna N rubber washer.
- All hydrants shall be traffic break away type and allow for 360 degree rotation to position the Storz connection/nozzle in the desired direction after installation.
- Hydrants must be capable of being extended without removing any operating parts. Hydrant extensions shall be fusion bonded epoxy coated inside and outside with a stainless steel stem. The breakaway coupling can be fusion bonded epoxy coated or stainless steel. Only one hydrant extension is allowed per hydrant.
- Weepholes shall be excluded from fire hydrants.
- Hydrant main valve closure shall be of the compression type opening against the pressure and closing with the pressure. The main valve shall be faced or covered with EPDM elastomer, which shall seat on a bronze ring. Hydrant bonnets, weather cover, nozzle section, caps and shoe shall be cast iron or ductile iron, and shall be holiday free fusion-bonded epoxy coated at the factory, per AWWA C550, inside and outside.

- Lower barrel shall be fusion bonded epoxy coated inside and outside. Aboveground parts shall also have a top coat of Sherwin-Williams Acrolon 218 HS acrylic polyurethane or approved equal; color Safety Yellow for fire hydrants that are connected to the potable water system or Pantone 522C purple for fire hydrants that are connected to the reclaimed water system.
 - Exterior nuts, bolts and washers shall be stainless steel. Bronze nuts may be used below grade. All internal operating parts shall be removable without requiring excavation.
- b. **TRAFFIC REPAIR KITS:** All fire hydrant repair kits shall comply with all provisions of American Water Works Association C502 (Dry Barrel Fire Hydrants) or the latest revision thereof. All nut, bolts and shafts shall be stainless steel. All repair parts and kits shall be manufacturer specific and stated at the time of order.
- c. **TRACER WIRE BOXES:** Tracer wire test station boxes shall be 2 ½ inch diameter, 15 inch length, ABS plastic with a cast iron lid, part no. P200NFG2T as manufactured by Bingham/Taylor, or equal approved by Manatee County.

APPROVED PRODUCTS (Hydrants):

- a. Mueller
- b. American Darling (B-84B)
- c. AVK

(Repair Kits): To be stated at time of order

- a. American Darling
- b. Kennedy
- c. Mueller
- d. Clow
- e. AVK

(Tracer Wire Boxes):

- a. Valco
- b. ABS Plastic

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A1	3Z1225	GROUP A PVC FITTINGS AND PIPE - SCHEDULE 40 AND SCHEDULE 80 MALE ADAPTOR - SLIP x MIPT SCH. 40	1/2	EA		\$	\$
A2	3Z1230		3/4	EA		\$	\$
A3	3Z1300		3/4" X 1/2"	50	EA	\$	\$
A4	3Z1235		1	150	EA	\$	\$
A5	3Z1240		1 1/4	50	EA	\$	\$
A6	3Z1250		1 1/2	50	EA	\$	\$
A7	3Z1255		2	500	EA	\$	\$
A8	3Z1265	MALE ADAPTOR SLIP x MIPT SCH. 40	3	200	EA	\$	\$
A9	3Z1270		4	20	EA	\$	\$
A10	3Z1280	FEMALE ADAPTOR - SLIP x FIPT SCH. 40	1/2	100	EA	\$	\$
A11	3Z1295		3/4	250	EA	\$	\$
A12	3Z1305		1	125	EA	\$	\$
A13	3Z1310		1 1/4	50	EA	\$	\$
A14	3Z1315		1 1/2	50	EA	\$	\$
A15	3Z1320		2	50	EA	\$	\$
A16	3Z1330	FEMALE ADAPTOR SLIP x FIPT SCH. 40	3	25	EA	\$	\$
A17	3Z1335		4	20	EA	\$	\$
A18	3Z1345	REDUCING BUSHING SLIP x SLIP SCH. 40	3/4 x 1/2	400	EA	\$	\$
A19	3Z1350		1 x 1/2	250	EA	\$	\$
A20	3Z1355		1 x 3/4	100	EA	\$	\$

VENDOR: _____

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32- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A21	3Z1365		10	EA		\$	\$
A22	3Z1375		20	EA		\$	\$
A23	3Z1390		50	EA		\$	\$
A24	3Z1395		10	EA		\$	\$
A25	3Z1400		10	EA		\$	\$
A26	3Z1415		20	EA		\$	\$
A27	3Z1420		30	EA		\$	\$
A28	3Z1425		10	EA		\$	\$
A29	3Z1440	REDUCING BUSHING SLIP x FIPT SCH. 40	50	EA		\$	\$
A30	3Z1450		25	EA		\$	\$
A31	3Z1455		25	EA		\$	\$
A32	3Z1460		25	EA		\$	\$
A33	3Z1480		500	EA		\$	\$
A34	3Z1520	CAP - SLIP SCH. 40	125	EA		\$	\$
A35	3Z1525		200	EA		\$	\$
A36	3Z1530		50	EA		\$	\$
A37	3Z1540		25	EA		\$	\$
A38	3Z1545		50	EA		\$	\$
A39	3Z1550		50	EA		\$	\$
A40	3Z1565	CAP SLIP SCH. 40	50	EA		\$	\$
A41	3Z1570		10	EA		\$	\$
A42	3Z1575		50	EA		\$	\$

VENDOR: _____

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33- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A43	3Z1035	CAP - FIPT SCH. 40	20	EA		\$	\$
A44	3Z1535		20	EA		\$	\$
A45	3Z1040		20	EA		\$	\$
A46	3Z1045		20	EA		\$	\$
A47	3Z1555		25	EA		\$	\$
A48	3Z1050		10	EA		\$	\$
A50	3Z1585	COUPLING SLIP x SLIP SCH. 40	200	EA		\$	\$
A51	3Z1590		400	EA		\$	\$
A52	3Z1595		125	EA		\$	\$
A53	3Z1600		150	EA		\$	\$
A54	3Z1605		200	EA		\$	\$
A55	3Z1610		900	EA		\$	\$
A56	3Z1620	COUPLING SLIP x SLIP SCH. 40	50	EA		\$	\$
A57	3Z1625		100	EA		\$	\$
A58	3Z1055	COUPLING FIPT x FIPT SCH. 40	200	EA		\$	\$
A60	3Z1635	BEND 45 DEGREE SLIP x SLIP SCH. 40	100	EA		\$	\$
A61	3Z1640		120	EA		\$	\$
A62	3Z1645		120	EA		\$	\$
A63	3Z1650		10	EA		\$	\$
A64	3Z1655		10	EA		\$	\$
A65	3Z1660		50	EA		\$	\$
A66	3Z1675		10	EA		\$	\$

VENDOR: _____

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34- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A67	3Z1690	BEND 90 SLIP x SLIP SCH 40	1/2	600	EA	\$	\$
A68	3Z1695		3/4	600	EA	\$	\$
A69	3Z1702	BEND 90 DEGREE STREET SCH. 40	3/4"	50	EA	\$	\$
A70	3Z1705	BEND 90 SLIP x SLIP SCH 40	1	225	EA	\$	\$
A71	3Z1710		1 1/4	50	EA	\$	\$
A72	3Z1715		1 1/2	100	EA	\$	\$
A73	3Z1720		2	50	EA	\$	\$
A74	3Z1730	BEND 90 SLIP x SLIP SCH. 40	3	50	EA	\$	\$
A75	3Z1735		4	10	EA	\$	\$
A76	3Z1070	BEND 90 DEGREE THREAD x THREAD SCH. 80	1/2	25	EA	\$	\$
A77	3Z1065		3/4	50	EA	\$	\$
A78	3Z1090		2	10	EA	\$	\$
A79	3Z2640	90 DEGREE ELBOWS-SXS SCHED 80	4"	80	EA	\$	\$
A80	3Z1750	TEE SLIP x SLIP SCH. 40	1/2	100	EA	\$	\$
A81	3Z1755		3/4	200	EA	\$	\$
A82	3Z1760		1	125	EA	\$	\$
A83	3Z1770		1 1/2	20	EA	\$	\$
A84	3Z1775		2	30	EA	\$	\$
A85	3Z1785	TEE SLIP x SLIP x SLIP SCH. 40	3	10	EA	\$	\$
A86	3Z1790		4	40	EA	\$	\$
A87	3Z1170	TEE FIPT x FIPT x FIPT SCH. 80	2	10	EA	\$	\$
A88	3Z1120	PLUG THREAD SCH. 40	3/4	125	EA	\$	\$

VENDOR: _____

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35- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A89	3Z1125		1	EA		\$	\$
A90	3Z1130		1 1/4	EA		\$	\$
A91	3Z1135		1 1/2	EA		\$	\$
A92	3Z1140		2	EA		\$	\$
A93	3Z1145		3	EA		\$	\$
A94	3Z1810	NIPPLES SCH. 80	3/4 x 2	EA		\$	\$
A95	3Z1815		3/4 x 4	EA		\$	\$
A96	3Z1860		1 1/2 x 4	EA		\$	\$
A97	3Z1115		1 1/2 x 12	EA		\$	\$
A98	3Z1880		2 x 8	EA		\$	\$
A99	3Z1885		2 x 12	EA		\$	\$
A100	3Z1185	UNION SCHEDULE 80 FIPT x FIPT	1	EA		\$	\$
A101	3Z1200		1 1/4	EA		\$	\$
A102	3Z1190		2	EA		\$	\$
A103	3Z1975	FLANGE - VAN STONE - SCHEDULE 80 SLIP	3	EA		\$	\$
A104	3Z1980		4	EA		\$	\$
A105	3Z1965	ADAPTOR PVC SCH. 80 F.I.P. x FLANGE	4	EA		\$	\$
A106	3Z1970		6	EA		\$	\$
A107	3V1395	BALL VALVE PVC FIP X FIP SCH. 80 TRUE UNION, EPDM GASKET, FULL PORT	1/2	EA		\$	\$
A108	3V1255		1 1/2	EA		\$	\$
A109	3V1410	PVC COMPACT BALL VALVE TEFLON SEAT, EPDM O-RING, S x S	1/2	EA		\$	\$

VENDOR: _____

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36- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
A110	3V1415		10	EA		\$	\$
A111	3V1420		10	EA		\$	\$
A112	3V1430		5	EA		\$	\$
A113	3V1435		10	EA		\$	\$
A114	3P1055	PVC PIPE, SCHED 40, 20 FT LENGTHS	50	EA		\$	\$
A115	3P1060		100	EA		\$	\$
A116	3P1065		75	EA		\$	\$
A117	3P1070		75	EA		\$	\$
A118	3P1075		50	EA		\$	\$
A119	3P1080		20	EA		\$	\$
A120	3P1083		10	EA		\$	\$
A121	3P1085		20	EA		\$	\$
A122	3P1090		20	EA		\$	\$
A123	3L1200	PINT - PVC CEMENT SCHEDULE 80 W/DAUBER 700	100	EA		\$	\$
A124	3L1260	PINT - PVC PRIMER - PURPLE W/DAUBER	400	EA		\$	\$
A125	3L1205	PINT - PVC CEMENT, WET DRY W/DAUBER	400	EA		\$	\$
		TOTAL GROUP A				\$	\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP A**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
		GROUP B					
		C900 PVC PIPE (POTABLE AND NON-POTABLE WATER) ALL SIZES IN 20 FOOT LENGTHS					
B1	3P1100	PVC PIPE, C900, BLUE FOR POTABLE WATER	4"	10	EA	\$	\$
B2	3P1115		6"	25	EA	\$	\$
B3	3P1125		8"	5	EA	\$	\$
B4	3P1140		10"	5	EA	\$	\$
B5	3P1150		12"	5	EA	\$	\$
B6	3P1155		16"	5	EA	\$	\$
B7	3P1105	PVC PIPE, C900, GREEN FOR NON-POTABLE WATER	4"	15	EA	\$	\$
B8	3P1120		6"	10	EA	\$	\$
B9	3P1130		8"	5	EA	\$	\$
B10	3P1145		10"	5	EA	\$	\$
B11	3P1146		12"	5	EA	\$	\$
B12	3P1147		16"	5	EA	\$	\$
B13	3P1217	PVC PIPE, C900, PURPLE FOR NON-POTABLE RECLAIMED WATER	6"	5	EA	\$	\$
B14	3P1124		8"	25	EA	\$	\$
		TOTAL GROUP B				\$	\$

VENDOR: _____

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REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
<p>FOR ALL OTHER ITEMS NOT LISTED ABOVE IN GROUP B, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY</p>							

VENDOR: _____

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
C1	3P1160	GROUP C PVC PIPE & FITTINGS (SDR 26) PIPE, SEWER, SDR26, GREEN, 14 FT LENGTHS	50	EA		\$	\$
C2	3P1165		100	EA		\$	\$
C3	3P1170		10	EA		\$	\$
C4	3P1158	PIPE, SEWER, SDR35, GREEN, 14 FT LENGTHS	10	EA		\$	\$
C5	3P1173		10	EA		\$	\$
C6	3P1174		10	EA		\$	\$
C7	3S1020	SDR 26 CLEANOUT FEMALE ADAPTOR	4	EA		\$	\$
C8	3S1025		200	EA		\$	\$
C9	3S1030	SDR 26 ELLS GASKETED	4	EA		\$	\$
C10	3S1035		120	EA		\$	\$
C11	3S4040		20	EA		\$	\$
C12	3S1045		400	EA		\$	\$
C13	3S1050		20	EA		\$	\$
C14	3S1055		50	EA		\$	\$
C15	3S1060		20	EA		\$	\$
C16	3S1065		100	EA		\$	\$
C17	3S1085	SDR 26 WYE GASKETED	100	EA		\$	\$
C18	3S1090		200	EA		\$	\$

VENDOR: _____

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REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
C19	3S1095	SDR-26 WYE GASKETED	8 x 6	EA		\$	\$
C20	3S1096	6 x 6 x 6 x 6	50	EA		\$	\$
C21	3S1097	4" PUSH PLUG	4	EA		\$	\$
C22	3S1098	6" PUSH PLUG	6	EA		\$	\$
C23	3S1105	6 x 4 INCREASER SDR-26	6 X 4	EA		\$	\$
C24	3S1107	SANITARY TEE, SDR26	6 X 4	EA		\$	\$
C25	3S1109	SANITARY TEE, SDR26	8 X 6	EA		\$	\$
C26	3Z1950	SDR 26 INVERTED SCREW PLUG	4	EA		\$	\$
C27	3Z1955	6" INVERTED SCREW PLUG	6	EA		\$	\$
		TOTAL GROUP C					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP C**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

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REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
D1	3P1326	GROUP D HDPE PIPE AND FITTINGS (DR-11) PIPE, HDPE SDR11, BLUE STRIPE, 40 FOOT LENGTHS	6"	100	EA	\$	\$
D2	3P1345	DR-11 DIPS HDPE M.J. ADAPTER WITH KITS ISCO OR EQUAL	8"	30	EA	\$	\$
D3	3A1075	DR-11 DIPS HDPE M.J. ADAPTER WITH KITS ISCO OR EQUAL	4"	10	EA	\$	\$
D4	3A1080		6"	45	EA	\$	\$
D5	3A1085		8"	10	EA	\$	\$
D6	3A1325	DR-11 DIPS HDPE FLANGE ADAPTER ISCO (ISMFFA0411DIPS) OR EQUAL	4"	10	EA	\$	\$
D7	3A1330		6"	10	EA	\$	\$
D8	3A1335		8"	10	EA	\$	\$
D9	3A1340	STAINLESS STEEL BACKUP RINGS ISCO (BU04DIPSSS) OR EQUAL	4"	10	EA	\$	\$
D10	3A1345		6"	10	EA	\$	\$
D11	3A1350		8"	10	EA	\$	\$
D12	3A1300	DR-11 DIPS HDPE MOLDED FITTINGS ISCO OR EQUAL- 90 DEGREE ELBOWS	4"	10	EA	\$	\$
D13	3A1305		6"	10	EA	\$	\$
D14	3A1310		8"	10	EA	\$	\$
D15	3P1285	POLY PIPE BLUE, CTS-SDR-ASTM D2737 - 100' ROLLS - CHARTER, ENDO PURE OR VANGUARD PROCORE	¾	50	RL	\$	\$
D16	3P1290		1	300	RL	\$	\$
D17	3P1295		1½	5	RL	\$	\$

VENDOR: _____

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REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
D18	3P1300	POLY PIPE BLUE, CTS-SDR-ASTM D2737 - 100" ROLLS - CHARTER, ENDO PURE OR VANGUARD PROCORE	2	RL		\$	\$
D19	3P1315	POLY PIPE, PURPLE	1	RL		\$	\$
D20	3P1325		2	RL		\$	\$
D21	3C1010	INSERT CTS-SS-PE SDR 9 FLAILED ENDS	1"	EA		\$	\$
D22	3C1015		2"	EA		\$	\$
		TOTAL GROUP D					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP D**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
GROUP E- MISCELLANEOUS BRASS							
E1	3B1400	BRASS ELL 90	20	EA		\$	\$
E2	3B1415		50	EA		\$	\$
E3	3B1420		20	EA		\$	\$
E4	3B1422		15	EA		\$	\$
E5	3B1430		15	EA		\$	\$
E6	3B1170	BRASS ELL 90 Street	20	EA		\$	\$
E7	3B1175		50	EA		\$	\$
E8	3B1179		25	EA		\$	\$
E9	3B1390	BRASS ELL 45	10	EA		\$	\$
E10	3B1397		20	EA		\$	\$
E11	3B1320	BRASS TEE	10	EA		\$	\$
E12	3B1335		25	EA		\$	\$
E13	3B1340		15	EA		\$	\$
E14	3B1350	BRASS TEE	15	EA		\$	\$
E15	3B1135	BRASS COUPLING	25	EA		\$	\$
E16	3B1140		25	EA		\$	\$
E17	3B1142		10	EA		\$	\$
E18	3B1150		10	EA		\$	\$
E19	3B1075	BRASS REDUCING BUSHING	20	EA		\$	\$
E20	3B1090		10	EA		\$	\$
E21	3B1085	BRASS REDUCING BUSHING	20	EA		\$	\$

VENDOR: _____

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44- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
E22	3B1095		15	EA		\$	\$
E23	3B1100		15	EA		\$	\$
E24	3B1035		75	EA		\$	\$
E25	3B1043		20	EA		\$	\$
E26	3B1365		20	EA		\$	\$
E27	3B1355		10	EA		\$	\$
E28	3B1360		45	EA		\$	\$
E29	3B1375		20	EA		\$	\$
E30	3B1285	BRASS PLUG, SOLID	10	EA		\$	\$
E31	3B1290		20	EA		\$	\$
E32	3B1300		15	EA		\$	\$
E33	3B1315		50	EA		\$	\$
E34	3B1180	BRASS NIPPLE	25	EA		\$	\$
E35	3B1185		25	EA		\$	\$
E36	3B1200		25	EA		\$	\$
E37	3B1215		25	EA		\$	\$
E38	3B1235		50	EA		\$	\$
E39	3B1240		30	EA		\$	\$
E40	3B1245		30	EA		\$	\$
E41	3B1250		15	EA		\$	\$
E42	3B1255		20	EA		\$	\$
E43	3B1260		20	EA		\$	\$

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45- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
E44	3B1265		1 x 4	EA		\$	\$
E45	3B1270		1 x 6	EA		\$	\$
E46	3B1060		2 x CL	EA		\$	\$
E47	3B1065	BRASS NIPPLE	2 x 4	EA		\$	\$
E48	3B1070		2 x 6	EA		\$	\$
E49	3B1072		2 x 12	EA		\$	\$
E50	3V1200	VALVES - BRASS - FULL PORT- BALL VALVE BRASS FIP x FIP	1/4	EA		\$	\$
E51	3V1205		1/2	EA		\$	\$
E52	3V1210		3/4	EA		\$	\$
E53	3V1215		1	EA		\$	\$
E54	3V1217		1 1/2	EA		\$	\$
E55	3V1218		2	EA		\$	\$
E56	3V1270	CHECK SWING THREADED - 125#WSP	1 200 W.O.G.	EA		\$	\$
E57	3V1275		1 1/4 200 W.O.G.	EA		\$	\$
E58	3V1285		2 200 W.O.G.	EA		\$	\$
E59	3V1310	GATE THREAD - FULL PORT- FORGED BRASS OR CAST BRONZE, 200PSI W.O.G. - NRS ASTM B 62	1/2	EA		\$	\$
E60	3V1305		3/4	EA		\$	\$
E61	3V1315		1	EA		\$	\$
E62	3V1320		1 1/4	EA		\$	\$
E63	3V1325		1 1/2	EA		\$	\$
E64	3V1330		2	EA		\$	\$

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46- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
E65	3V1340		5	EA		\$	\$
E66	3V1345		10	EA		\$	\$
E67	3V1355	HOSE BIBB WITH TEE HANDLE	300	EA		\$	\$
		TOTAL GROUP E					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP E**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
		GROUP F BRASS SERVICE LINE FITTINGS & ACCESSORIES- MUELLER WITH PACK JOINTS OR FORD ONLY					
F1	3B1005	COUPLING, METER ¾" FORD #C38-23-1.437	50	EA		\$	\$
F2	3B1006	COUPLING, METER 1" x ¾" FORD #C-38-24-2.5	850	EA		\$	\$
F3	3B1015	COUPLING METER, FORD #C38-23-2.5	850	EA		\$	\$
F4	3B1020	COUPLING METER, FORD #C38-44-2.625	50	EA		\$	\$
F5	3C1025	ADAPTER - MIP x CTS COMPRESSION	250	EA		\$	\$
F6	3C1030		400	EA		\$	\$
F7	3C1035		10	EA		\$	\$
F8	3C1040		150	EA		\$	\$
F9	3C1042	ADAPTER BRASS MIP X PVC COMP 2" FORD #FC8777	50	EA		\$	\$
F10	3C1045	ADAPTER - FIP x CTS COMPRESSION	50	EA		\$	\$
F11	3C1050		80	EA		\$	\$
F12	3C1055		5	EA		\$	\$
F13	3C1060	ADAPTER - FIP x CTS COMPRESSION: continued	25	EA		\$	\$
F14	3C1062	ADAPTER BRASS FIP X PVC COMP 2" FORD # FC1777	20	EA		\$	\$
F15	3C1065	LOC-PAC, 1½" FORD #CT35-66	60	EA		\$	\$
F16	3C1070	LOC-PAC, 2" FORD #CT35--77	50	EA		\$	\$

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48- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
F17	3C1075	TEE CTS COMPRESSION 3/4	15	EA		\$	\$
F18	3C1080	3/4 X 3/4 X 1	15	EA		\$	\$
F19	3C1090		50	EA		\$	\$
F20	3C1115	COUPLING - CTS COMP. X CTS COMP. 3/4	100	EA		\$	\$
F21	3C1120		100	EA		\$	\$
F22	3C1135	WYE CTS COMPRESSION 1 X 3/4	130	EA		\$	\$
F23	3C1117	COUPLING, 3/4" X 1" CTS FORD #C44-34	100	EA		\$	\$
F24	3C1132	UNION CMPS. BRASS 2" PVC X PVC X COMP FORD #FC7777	15	EA		\$	\$
F25	3C1138	WYE 2 x 1 COMP. FORD #Y44-274	60	EA		\$	\$
F26	3C1221	BELL NUT, FNG D4 3/4" CRB/CRP	150	EA		\$	\$
F27	3C1222	BELL NUT, 1" NG-FF4 FOR CORPS	200	EA		\$	\$
F28	3C1223	BELL NUT, 1" NG-F4 FOR CURBSTOPS	150	EA		\$	\$
F29	3C1215	CORP - CC X CTS COMPRESSION-FULL PORT 300 PSI, FORD #FB1000-3	20	EA		\$	\$
F30	3C1220	CORP - CC X CTS COMPRESSION-FULL PORT 300 PSI, FORD #FB1000-4	25	EA		\$	\$
F31	3C1225	CORP - BALL - MIPT X FIPT 1 1/2	10	EA		\$	\$
F32	3C1226	CORP - BALL - CC X FIPT 1 1/2	10	EA		\$	\$
F33	3C1228	CORP - BALL - CC X FIPT CORP - BALL - MIP X FIP, FORD #FB1700-7	10	EA		\$	\$
F34	3C1230		60	EA		\$	\$

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49- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
F35	3C1235	CORP - MIPT x CTS COMPRESSION, FULL PORT 300 PSI FORD #FB1100-3	100	EA		\$	\$
F36	3C1243	CORP. STOP 1", FULL PORT 300 PSI FORD #FB1100-4	400	EA		\$	\$
F37	3C1250	CURB BALL FULL PORT CTS COMP. x FIP W/LOCK WINGS	700	EA		\$	\$
F38	3C1255	CURB BALL FIPT x FIPT FULL PORT W/LOCK WINGS	1,000	EA		\$	\$
F39	3C1260	CURB BALL FIPT x FIPT FULL PORT W/LOCK WINGS	100	EA		\$	\$
F40	3C1265	CURB BALL FIPT x FIPT FULL PORT W/LOCK WINGS	25	EA		\$	\$
F41	3C1270	CURB BALL FIPT x FIPT FULL PORT W/LOCK WINGS	20	EA		\$	\$
F42	3C1275	PVC CURBSTOPS, w/lock rings, FORD #B71-333W	40	EA		\$	\$
F43	3C1248	FORD #B71-444W	70	EA		\$	\$
F44	3C1253	ELLS CTS COMPRESSION	50	EA		\$	\$
F45	3C1105	COUPLING, 3/4 CTS. X 3/4" PVC FORD # C47-33	45	EA		\$	\$
F46	3C1256	COUPLING, 1" CTS x 1" PVC FORD #C47-44	10	EA		\$	\$
F47	3C1257	"Y" BRANCH, 2" x (FOUR) 1" FORD #Y11-474	30	EA		\$	\$
F48	3C1280	5/8 x 3/4 x 7, MUELLER B2434F OR FORD VB42 7W	10	EA		\$	\$
F49	3W1155	5/8 x 3/4 x 9, MUELLER B2434F OR FORD VB42 9W	375	EA		\$	\$
F50	3W1160	5/8 x 3/4 x 12, MUELLER B2434F OR FORD VB42 12W	50	EA		\$	\$
F51	3W1165	5/8 x 3/4 x 15, MUELLER B2434F OR FORD VB42 15W	10	EA		\$	\$
F52	3W1225		5	EA		\$	\$

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50- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
F53	3W1170	5/8 X 3/4 X 18, MUELLER B2434F OR FORD VB42 18W	10	EA		\$	\$
F54	3W1180	1 x 1 x 10, MUELLER B2434F OR FORD VB44 10W	5	EA		\$	\$
		TOTAL GROUP F					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP F**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
GROUP G- MISCELLANEOUS WATER AND SEWER VALVES							
G1	3V1080	MJ GATE VALVE WITH OPERATING NUTS FULL BODY	4	EA		\$	\$
G2	3V1085		6	EA		\$	\$
G3	3V1090		8	EA		\$	\$
G4	3V1100		12	EA		\$	\$
G5	3V1065	FLANGED GATE VALVE/WHEEL HANDLE NRS (Non Rising Stem)	4	EA		\$	\$
G6	3V1060		6	EA		\$	\$
G7	3V1135	TAP VALVE WITH CENTERING RING	6	EA		\$	\$
G8	3V1140		8	EA		\$	\$
G9	3V1042	O S & Y VALVE WITH PET COCK, WHEEL, FLG. X FLG.	3"	EA		\$	\$
G10	3V1045		4"	EA		\$	\$
G11	3V1050		6"	EA		\$	\$
G12	3V1052		8"	EA		\$	\$
G13	3V1110	ECCENTRIC PLUG VALVE - FLANGED ENDS, MILLIKEN OR EQUIVALENT	3"	EA		\$	\$
G14	3V1120		4"	EA		\$	\$
G15	3V1115		6"	EA		\$	\$
G16	3V1160	CHECK VALVE WITH WEIGHTED ARM	4"	EA		\$	\$
G17	3V1155		6"	EA		\$	\$
G18	3V1165		8"	EA		\$	\$

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52- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
G19	3V1175	EXTENSION VALVE STEMS W/CENTERING RINGS & STAINLESS STEEL PIN.	3'	10	EA	\$	\$
G20	3V1180		4'	5	EA	\$	\$
G21	3V1185		5'	5	EA	\$	\$
		TOTAL GROUP G					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP G**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H1	3F1041	GROUP H- DUCTILE IRON PIPE & FITTINGS FLANGED FITTINGS: BEND 90	3	EA		\$	\$
H2	3F1048		4	EA		\$	\$
H3	3F1013		6	10	EA	\$	\$
H4	3F1016		8	5	EA	\$	\$
H5	3F1018		10	2	EA	\$	\$
H6	3F1051		12	2	EA	\$	\$
H7	3F1116		TEE	3	EA	\$	\$
H8	3F1121			4	EA	\$	\$
H9	3F1128			8	EA	\$	\$
H10	3F1076		FLANGE TAPPED D.I.	4 x 2	EA	\$	\$
H11	3F1081		6 x 2	EA	\$	\$	
H12	3F1084		8 x 2	EA	\$	\$	
H13	3F1021	6" BLIND FLANGE D.I.	6"	EA	\$	\$	
H14	3F1023	8" BLIND FLANGE	8"	EA	\$	\$	
H15	3F1031	CROSSES D.I. FLANGED SPOOL PIECES, D.I. FLANGE X FLANGE MUST BE CLASS 53, EPOXY COATED INSIDE AND OUT	6"	EA	\$	\$	
H16	3F1090		4" x 2'	EA	\$	\$	
H17	3F1095		6" x 2'	EA	\$	\$	
H18	3F1100		6" x 4'	EA	\$	\$	
H19	3P1040	PIPE DI CLASS 53- FLG x FLG, Epoxy Coated Inside and Out	3" x 18 FT.	EA	\$	\$	
H20	3P1045		4" x 20 FT.	EA	\$	\$	

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54- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H21	3P1050	6" x 20 FT.	5	EA		\$	\$
H22	3P1052	8" X 20 Ft.	5	EA		\$	\$
H23	3F1135	FULL FACE RUBBER GASKETS 1/8"	3	EA		\$	\$
H24	3F1140	FULL FACE RUBBER GASKETS 1/8"	4	EA		\$	\$
H25	3F1145	FULL FACE RUBBER GASKETS 1/8"	6	EA		\$	\$
H26	3F1150	FULL FACE RUBBER GASKETS 1/8"	8	EA		\$	\$
H27	3F1155	FULL FACE RUBBER GASKETS 1/8"	10	EA		\$	\$
H28	3K1005	MJ KIT LESS GLAND	3	EA		\$	\$
H29	3K1010	MJ KIT LESS GLAND	4	EA		\$	\$
H30	3K1015	MJ KIT LESS GLAND	6	EA		\$	\$
H31	3K1020	MJ KIT LESS GLAND	8	EA		\$	\$
H32	3K1025	MJ KIT LESS GLAND	10	EA		\$	\$
H33	3K1030	MJ KIT LESS GLAND	12	EA		\$	\$
H34	3K1056	MJ KIT WITH GLAND	14	EA		\$	\$
H35	3K1057	MJ KIT WITH GLAND	16	EA		\$	\$
H36	3M1535	MJ GASKET	4	EA		\$	\$
H37	3M1540	MJ GASKET	6	EA		\$	\$
H38	3M1545	MJ GASKET	8	EA		\$	\$
H39	3M1550	MJ GASKET	10	EA		\$	\$
H40	3M1555	MJ GASKET	12	EA		\$	\$
H41	3M1560	TRANSITION GASKET	3	EA		\$	\$
H42	3M1565	TRANSITION GASKET	4	EA		\$	\$

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55- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H43	3M1570	TRANSITION GASKET	6	EA		\$	\$
H44	3M1575	TRANSITION GASKET	8	EA		\$	\$
H45	3M1580	TRANSITION GASKET	10	EA		\$	\$
H46	3M1585	TRANSITION GASKET	12	EA		\$	\$
H47	3K1035	MJ GRIP RING KITS; STAR PIPE #PVGPK4	4	EA		\$	\$
H48	3K1040	MJ GRIP RING KITS; STAR PIPE #PVGPK6	6	EA		\$	\$
H49	3K1045	MJ GRIP RING KITS; STAR PIPE #PVGPK8	8	EA		\$	\$
H50	3K1050	MJ GRIP RING KITS; STAR PIPE #PVGPK10	10	EA		\$	\$
H51	3K1055	MJ GRIP RING KITS; STAR PIPE #PVGPK12	12	EA		\$	\$
H52	3M1167	MECHANICAL JOINT FITTINGS: MJ 90	3	EA		\$	\$
H53	3M1172		4	EA		\$	\$
H54	3M1177		6	EA		\$	\$
H55	3M1182		8	EA		\$	\$
H56	3M1187	MJ 90: continued	10	EA		\$	\$
H57	3M1127	MJ 45	4	EA		\$	\$
H58	3M1133		6	EA		\$	\$
H59	3M1137		8	EA		\$	\$
H60	3M1372	MJ TEE	4	EA		\$	\$
H61	3M1387		6	EA		\$	\$
H62	3M1422	MJ REDUCING TEES	8 x 6	EA		\$	\$
H63	3M1487	MJ L/P SLEEVE DI	4" LONG	EA		\$	\$
H64	3M1473	6" LONG	60	EA		\$	\$

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56- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H65	3M1507	16" LONG	5	EA		\$	\$
H66	3M1277	MJ REDUCER DI	2	EA		\$	\$
H67	3M1282	6 x 4	5	EA		\$	\$
H68	3M1297	8 x 6	2	EA		\$	\$
H69	3M1322	12 x 10	2	EA		\$	\$
H70	3M1072	MJ CAP	6	EA		\$	\$
H71	3M1097	MJ TAP x 2" FIPT CAPS	4	EA		\$	\$
H72	3M1102		6	EA		\$	\$
H73	3M1242	MJ TAP PLUG x 2" FIPT	3	EA		\$	\$
H74	3M1247		4	EA		\$	\$
H75	3M1252		6	EA		\$	\$
H76	3M1262		10	EA		\$	\$
H77	3M1263		12	EA		\$	\$
H78	3M1214	PLUGS DI MJ	3	EA		\$	\$
H79	3M1222		6	EA		\$	\$
H80	3M1022	CROSSES MJ	6	EA		\$	\$
H81	3M1008	M.J. 11-1/4	6	EA		\$	\$
H82	3M1036	M.J. 22-1/2	6	EA		\$	\$
H83	3H1110	MJ x SWIVEL TEE	6 x 6	EA		\$	\$
H84	3H1115	8 x 6	5	EA		\$	\$
H85	3H1120	10 x 6	5	EA		\$	\$
H86	3K1080	MEGALUG RESTRAINERS FOR DUCTILE IRON PIPE; EBBA OR STAR	3 #1103	EA		\$	\$

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57- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H87	3K1085		4	#1104	EA	\$	\$
H88	3K1090		6	#1106	EA	\$	\$
H89	3K1095		8	#1108	EA	\$	\$
H90	3K1100		10	#1110	EA	\$	\$
H91	3K1105		12	#1112	EA	\$	\$
H92	3K1107		16	#1116	EA	\$	\$
H93	3K1109	FOR C900	3	#2003PV	EA	\$	\$
H94	3K1110		4	#2004PV	EA	\$	\$
H95	3K1115		6	#2006PV	EA	\$	\$
H96	3K1120		8	#2008PV	EA	\$	\$
H97	3K1125		10	#2010PV	EA	\$	\$
H98	3K1130		12	#2012PV	EA	\$	\$
H99	3K1135		14	#2014PV	EA	\$	\$
H100	3K1140		16	#2016PV	EA	\$	\$
H101	3A1030	ADAPTER, FLANGED COUPLING, MJ x FLANGE, FOR D.I., JCM OR EQUAL	15	4"	EA	\$	\$
H102	3J1035	BELL RESTRAINT FOR C900, EBBA OR EQUAL	5	6"	EA	\$	\$
H103	3J1040		10	8"		\$	\$
H104	3A1053	ADAPTOR UNIFLANGE CI - MODEL 400-C	2	3"	EA	\$	\$
H105	3A1055		2	4"	EA	\$	\$
H106	3A1060		10	6"	EA	\$	\$
H107	3X1105	POLYWRAP : BLUE 3"- 8" FOR D.I.	2		RL	\$	\$
H108	3X1110	POLYWRAP : BLUE 10"-12" FOR D.I.	2		RL	\$	\$

VENDOR: _____

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58- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
H109	3X1115	POLYWRAP: BLUE 14"-16" FOR D.I.	2	RL		\$	\$
H110	3X1120	POLYWRAP: PURPLE 3"-8" FOR D.I.	2	RL		\$	\$
H111	3X1125	POLYWRAP: PURPLE 10"-12" FOR D.I.	2	RL		\$	\$
H112	3X1130	POLYWRAP: PURPLE 14"-16" FOR D.I.	2	RL		\$	\$
		TOTAL GROUP H					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN GROUP H, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
GROUP I- MISCELLANEOUS WATER AND SEWER REPAIR CLAMPS							
11	3R1005	CLAMP - PATCH 3/4 x 3	50	EA		\$	\$
12	3R1010	3/4 x 6	20	EA		\$	\$
13	3R1015	1 x 3	30	EA		\$	\$
14	3R1020	1 x 6	15	EA		\$	\$
15	3R1040	1 1/2 x 6	5	EA		\$	\$
16	3R1045	2 x 3	5	EA		\$	\$
17	3R1050	2 x 6	5	EA		\$	\$
18	3R1055	REPAIR CLAMPS: 2 x 7 1/2 235-263 PVC	15	EA		\$	\$
19	3R1060	2 x 12 1/2 235-263 PVC	30	EA		\$	\$
110	3R1065	3 x 7 1/2 395-425 AC	5	EA		\$	\$
111	3R1070	3 x 15 395-425 AC	10	EA		\$	\$
112	3R1075	CL 200 4 x 7 1/2 495-535 AC	5	EA		\$	\$
113	3R1080	CL 150 4 x 15 474-514 AC	10	EA		\$	\$
114	3R1090	CL 150 6 x 15 684-724 AC	10	EA		\$	\$
115	3R1095	CL 150 8 x 15 899-939 AC	5	EA		\$	\$
116	3R1100	CL 200 10 X 15 1175-1215 AC	5	EA		\$	\$
117	3R1140	CL 150 4 x 7 1/2 474-514 AC	10	EA		\$	\$
118	3R1145	CL 200 4 x 15 495-535 AC	10	EA		\$	\$
119	3R1155	CL 200 6 x 15 745-785 AC	5	EA		\$	\$
120	3R1160	CL 200 8 x 15 927-967 AC	5	EA		\$	\$
121	3R1165	C 900 10 X 15 1104-1144	5	EA		\$	\$

VENDOR: _____

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60- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
I22	3R1170	C 900 12 X 15 1310-1350	5	EA		\$	\$
I23	3R1210	2½ x 12 270-300 PVC	5	EA		\$	\$
I24	3R1215	3 x 7½ 346-370 PVC	5	EA		\$	\$
I25	3R1220	3 x 15 346-370 PVC	5	EA		\$	\$
I26	3R1225	4 x 7½ 445-473 PVC	5	EA		\$	\$
I27	3R1230	4 x 15 445-473 PVC	15	EA		\$	\$
I28	3R1235	6 x 7½ 656-696 PVC	5	EA		\$	\$
I29	3R1240	6 x 15 656-696 PVC	10	EA		\$	\$
I30	3R1245	8 x 15 854-894 PVC	5	EA		\$	\$
I31	3R1290	HYDRAULIC REPAIR COUPLINGS- 2.10 - 2.60 MINIMUM O.D. RANGE, #2000-0303 - 260	15	EA		\$	\$
I32	3R1295	3.46 - 4.33 MINIMUM O.D. RANGE, #2000-0433 -260	15	EA		\$	\$
I33	3R1300	4.25 - 5.63 MINIMUM O.D. RANGE, #2000-0563 -260	35	EA		\$	\$
I34	3R1305	6.42 - 7.68 MINIMUM O.D. RANGE, #2000-0768 -260	60	EA		\$	\$
I35	3R1310	8.54 - 9.84 MINIMUM O.D. RANGE, #2000-0984 -260	10	EA		\$	\$
I36	3R1350	10.7 -12.0 MINIMUM O.D. RANGE, #2000-1200 -260	5	EA		\$	\$
I37	3R1315	12.4 -13.66 MINIMUM O.D. RANGE, #2000-1366 -260	5	EA		\$	\$
I38	3R1265	10.96-12.26 3R1265 10" OVERSIZE, #2000-1226-260	4	EA		\$	\$
I39	3C1175	Compression Couplings- GALVANIZED ½	5	EA		\$	\$
I40	3C1180	Compression Couplings- GALVANIZED ¾	10	EA		\$	\$
I41	3C1185	Compression Couplings- GALVANIZED 1	5	EA		\$	\$

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61 - ADDENDUM #1

REVISED-BID FORM (CONTINUED)
(Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
142	3C1190		1 1/4 1,660	EA		\$	\$
143	3C1195		1 1/2 1,900	EA		\$	\$
144	3C1200		2 2,375	EA		\$	\$
145	3S1125	FLEXIBLE COUPLINGS: CLAY x IPS PVC FERNCO	4 x 4 120	EA		\$	\$
146	3S1145		6 x 4 10	EA		\$	\$
147	3S1150		6 x 6 275	EA		\$	\$
148	3S1175		8 x 6 70	EA		\$	\$
149	3S1170		8 x 8 30	EA		\$	\$
150	3S1130	IPS PVC x IPS PVC FERNCO	4 x 4 200	EA		\$	\$
151	3S1133		4 x 3 15	EA		\$	\$
152	3S1140		6 x 4 200	EA		\$	\$
153	3S1155		6 x 6 120	EA		\$	\$
154	3S1185		8 x 6 5	EA		\$	\$
155	3S1180		8 x 8 30	EA		\$	\$
156	3S1135	CLAY x CLAY FERNCO	4 x 4 5	EA		\$	\$
157	3S1165		8 x 8 5	EA		\$	\$

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62- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
158	3T1025	SERVICE TAPPING SADDLES--2 x 1 PVC (2.38 - 2.50) FORD S70	15	EA		\$	\$
159	3T1140	4 x 2 PVC (4.25 - 4.50) SMITH BLAIR 325 SERIES	5	EA		\$	\$
160	3T1150	6 x 1 PVC (6.50 - 6.63) SMITH BLAIR 325 SERIES	80	EA		\$	\$
161	3T1155	6 x 2 PVC (6.50 - 6.63) SMITH BLAIR 325 SERIES	10	EA		\$	\$
162	3T1160	8 x 1 PVC (8.50 - 8.63) SMITH BLAIR 325 SERIES	30	EA		\$	\$
163	3T1165	8 x 2 PVC (8.50 - 8.63) SMITH BLAIR 325 SERIES	5	EA		\$	\$
164	3T1170	10 x 2 PVC (10.60 - 10.75) SMITH BLAIR 325 SERIES	5	EA		\$	\$
165	3T1175	12 x 2 PVC (12.75 - 13.50) SMITH BLAIR 325 SERIES	5	EA		\$	\$
166	3T1035	4 x 1 AC,DI (4.80 - 5.57) FORD 202BS	50	EA		\$	\$
167	3T1045	4 x 2 AC,DI (4.80 - 5.57) FORD 202BS	10	EA		\$	\$
168	3T1050	6 x 1 AC,DI (6.90 - 7.56) FORD 202BS	100	EA		\$	\$
169	3T1055	6 x 2 AC,DI (6.90 - 7.56) FORD 202BS	75	EA		\$	\$
170	3T1060	8 x 1 AC,DI (9.05 - 9.74) FORD 202BS	15	EA		\$	\$
171	3T1065	8 x 2 AC,DI (9.05 - 9.74) FORD 202BS	10	EA		\$	\$
172	3T1070	10 x 2 AC,DI (11.10 - 12.12) FORD 202BS	10	EA		\$	\$

VENDOR: _____

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63- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
173	3T1075	12 x 2 AC,DI (13.20 - 14.38) FORD 202BS	5	EA		\$	\$
174	3T1085	16 x 2 AC,DI (17.40 - 19.19) FORD 202BS	5	EA		\$	\$
175	3T1033	DUCTILE IRON TAPPING SADDLES- 3 X 1 DI,C1,C900 (3.80-4.29)	10	EA		\$	\$
176	3T1047	4 X 2 DI,C1,C900 (4.80 - 5.00)	5	EA		\$	\$
177	3T1101	24 X 2 DI,C1,C905 (25.80 - 26.32)	2	EA		\$	\$
178	3T1148	STAINLESS STEEL TAPPING SADDLES: 1" PVC,AC (4.36 - 5.66)+D543	2	EA	4" X	\$	\$
179	3T1027	2" POLY TAP SADDLE 2.125 X 1IP ROMAC# 306213X11P OR EQUAL (2.13 Copper Tube Size)	40	EA		\$	\$
		TOTAL GROUP 1					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP 1**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

VENDOR: _____

REVISED-BID FORM (CONTINUED)

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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
		GROUP J- METER AND VALVE BOXES & RELATED ACCESSORIES					
J1	3W1005	METER BOX, POTABLE WATER, CAST IRON, WITH LID, ROME 1910 OR EQUIVALENT. (LID PAINTED BLUE, MARKED WATER).	500	EA		\$	\$
J2	3W1050	LID ONLY, C.I., FOR POTABLE CAST IRON WATER METER BOXES, PAINTED BLUE, MARKED WATER	275	EA		\$	\$
J3	3W1051	LID ONLY, C.I. FOR POTABLE CAST IRON WATER METER BOXES, PAINTED BLUE, MARKED WATER (WITH 2" HOLE)	50	EA		\$	\$
J4	3W1001	LID ONLY, C.I., RUSSELL LG-528W, 11" X 17", UNPAINTED, (WITH PICK HOLE)	25	EA		\$	\$
J5	3W1002	LID ONLY, C.I., RUSSELL LG-528W, 11" X 17", UNPAINTED, (WITH 2" HOLE)	25	EA		\$	\$
J6	3W1010	METER BOX, RECLAIMED WATER, CAST IRON, WITH LID, ROME 1910 OR EQUIVALENT (LID PAINTED PURPLE,	5	EA		\$	\$
J7	3W1055	LID ONLY, C.I., FOR RECLAIMED CAST IRON WATER METER BOXES, PAINTED PURPLE, MARKED RECLAIM	5	EA		\$	\$
J8	3W1056	LID ONLY, C.I., FOR RECLAIMED CAST IRON WATER METER BOXES, PAINTED PURPLE, MARKED RECLAIM, (WITH 2" HOLE)	5	EA		\$	\$
J9	3W1100	WASHER, METER RUBBER, 3/4" x 1/8"	7,000	EA		\$	\$
J10	3W1101	WASHER, METER RUBBER, 3/4" x 1/16"	3,500	EA		\$	\$
J11	3W1015	METER BOX , #OKDK-15 ONLY, 17" x 30" BOX FOR 2" METER	5	EA		\$	\$
J12	3W1016	LID FOR ABOVE BOX, OKDK-5 ONLY, 17" x 30" LID	5	EA		\$	\$
J13	3W1045	VALVE BOX CL W/SQUARE LID MARKED RECLAIMED	35	EA		\$	\$
J14	3W1021	VALVE BOX 2PC VB-2611 & VB-2612 2PC.VALVE BOX TO DELIVERED ASSEMBLED AND IN CRATES	200	EA		\$	\$
J15	3S1008	LID ONLY FOR 2 PIECE VALVE BOX MARKED SEWER	15	EA		\$	\$

VENDOR: _____

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65- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
J16	3W1025	LID ONLY FOR 2 PIECE VALVE BOX MARKED WATER	225	EA		\$	\$
J17	3W1065	LID ONLY FOR SQUARE VALVE BOX MARKED RECLAIM	10	EA		\$	\$
J18	3W1030	VALVE BOX RISER 1", FOR 461-S, 3-PIECE	75	EA		\$	\$
J19	3W1035	VALVE BOX RISER 1½", FOR 461-S, 3-PIECE	50	EA		\$	\$
J20	3W1040	VALVE BOX RISER 2", FOR 461-S, 3-PIECE	80	EA		\$	\$
J21	3W1042	VALVE BOX RISER 3", FOR 461-S, 3-PIECE	125	EA		\$	\$
J22	3S1005	CLEANOUTS #7621	425	EA		\$	\$
J23	3S1015	MANHOLE RING TRAFFIC #170	100	EA		\$	\$
J24	3S1010	MANHOLE COVER TRAFFIC #170E, LIDS MUST BE MARKED "MANATEE COUNTY SANITARY SEWER" AND YEAR	100	EA		\$	\$
J25	3S1018	MANHOLE INFLOW PROTECTORS STAINLESS STEEL 23-3/4	200	EA		\$	\$
		TOTAL GROUP J					\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN **GROUP J**, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MGF. / PART #	UNIT PRICE	EXTENDED PRICE
GROUP K- FIRE HYDRANTS AND RELATED PARTS							
K1	3H1022	5 1/4 VALVE OPENING BURY 24"	10	EA		\$	\$
K2	3H1027	BURY 30"	10	EA		\$	\$
K3	3H1032	BURY 36"	20	EA		\$	\$
K4	3H1037	BURY 42"	30	EA		\$	\$
K5	3H1041	BURY 48"	30	EA		\$	\$
K6	3H1043	BURY 54"	5	EA		\$	\$
K7	3H1010	FIRE HYDRANT GRADELOCK W/GLANDS 6 x 12	10	EA		\$	\$
K8	3H1015	6 x 24	5	EA		\$	\$
K9	3G1225	TRACER WIRE BOXES VALCO	50	EA		\$	\$
K10	3H1130	HYDRANT ADAPTOR NOZZLE 2 1/2" TO 3/4" MALE	10	EA		\$	\$
K11	3L1245	HYDRANT OIL A-51	10	GA		\$	\$
K12	3H1125	HYDRANT WRENCH - ADJUSTABLE HANDLE	10	EA		\$	\$
K13	3H1127	HYDRANT WRENCH- RECLAIM AFC	5	EA		\$	\$
		TOTAL GROUP K				\$	\$
SUB GROUP K-A ;TRAFFIC REPAIR KITS 340, AMERICAN DARLING ONLY - OEM							
K-A1	3H1050	5 1/4 VO EXTENSION 6"	5	EA		\$	\$
K-A2	3H1060	12"	5	EA		\$	\$
K-A3	3H1140	AMERICAN DARLING B-84-B 5 1/4 TRAFFIC REPAIR KIT	10	EA		\$	\$
K-A4	3H1235	AMERICAN DARLING B-62-B TRAFFIC REPAIR KIT	5	EA		\$	\$
		TOTAL SUB GROUP K-A				\$	\$

VENDOR: _____

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67- ADDENDUM #1

REVISED-BID FORM (CONTINUED)
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IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
		SUB GROUP K-B; TRAFFIC REPAIR KITS 340, KENNEDY ONLY. - OEM					
K-B1	3H1045	TRAFFIC REPAIR KITS 340, KENNEDY 5 1/4 VO EXTENSION	5	EA		\$	\$
K-B2	3H1065		5	EA		\$	\$
K-B3	3H1145	KENNEDY K-81-A TRAFFIC REPAIR KIT	25	EA		\$	\$
		TOTAL SUB GROUP K-B				\$	\$
		SUB GROUP K-C; TRAFFIC REPAIR KITS 340, MUELLER A-423 ONLY. - OEM					
K-C1	3H1070	TRAFFIC REPAIR KITS 340, MUELLER A-423; 5 1/4 VO EXTENSION	3	EA		\$	\$
K-C2	3H1055		3	EA		\$	\$
K-C3	3H1150	MUELLER CENTURIAN 5 1/4 TRAFFIC REPAIR KIT	10	EA		\$	\$
		TOTAL SUB GROUP K-C				\$	\$

FOR ALL OTHER ITEMS NOT LISTED ABOVE IN GROUPS K, LIKE ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURER'S PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALER'S PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURER'S, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF NECESSARY

REVISED-BID FORM (CONTINUED)
 (Submit in Triplicate)

IFB #11-2449CD

ITEM	PRODUCT NUMBER	PRODUCT DESCRIPTION	EST. QTY.	U/M	MFG. / PART #	UNIT PRICE	EXTENDED PRICE
<p>FOR ALL OTHER WATER AND SEWER MATERIALS NOT CATEGORIZED OR LISTED IN ANY OF THE GROUPS A THRU K ; ITEMS MAY BE PURCHASED AT A FIXED PERCENTAGE DISCOUNT OFF A PUBLISHED MANUFACTURERS PRICE LIST OR A FIXED PERCENTAGE MARKUP TO A PUBLISHED WHOLESALERS PRICE LIST. BIDDERS SHALL LIST THE MANUFACTURERS, PRICE LIST NUMBER, AND FIXED PERCENTAGE DISCOUNT OR MARKUP TO A WHOLESALER'S PRICE LIST. (BIDDERS MAY LIST MORE THAN ONE)- ATTACH ADDITIONAL SHEETS IF</p>							

VENDOR: _____