



COBB COUNTY PURCHASING DEPARTMENT

1772 County Services Parkway
Marietta, Georgia 30008-4012
(770) 528-8400 /FAX (770) 528-1154
Email: purchasing@cobbcounty.org
www.purchasing.cobbcountyga.gov

IMPORTANT NOTICE – PLEASE READ CAREFULLY!!

ALL bids **MUST** be received at the Cobb County Purchasing Department.

BIDS MUST BE RECEIVED BEFORE 12:00 (NOON) ON BID OPENING DAY

Any bid received later than 12:00 (noon) will not be accepted. The County accepts no responsibility for delays in the mail. Bids are to be mailed or delivered to:

**COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008-4012**

**All bid prices shall be submitted on the Bid Form included in the bid/proposal.
Any revisions made on the outside of the envelope WILL NOT be considered.**

PLEASE CHECK bid specifications and advertisement for document requirements.

Documents/Forms listed below **MUST** be submitted when required.

Omission of these documents /forms will cause your bid/proposal to be declared **NON-RESPONSIVE**.

- **BID SUBMITTAL FORM**
 - ▶ *Official Signature is required on this form guaranteeing the quotation.*
- **CONTRACTOR AFFIDAVIT and AGREEMENT - Exhibit A - (Not Required)**
 - ▶ *Affidavit **MUST** be signed, notarized and submitted with any bid requiring the performance of physical services. If the affidavit is not submitted at the time of the bid, bid will be determined non-responsive and will be disqualified.*
- **BID BOND- (Not Required)**

If your firm is classified as a Disadvantaged Business Enterprise (DBE) please complete Exhibit B with bid response. A Disadvantaged Business Enterprise (DBE) is generally defined as a Female, Black American, Hispanic American and any other minority owned business.

All vendors are required to submit the ORIGINAL AND AT LEAST one (1) duplicated copy of any bid submitted to Cobb County. Please refer to your bid specifications to determine if more than one (1) copy is required. Non-submission of a duplicate copy may disqualify your bid/proposal.

A “**SEALED BID LABEL**” has been enclosed to affix to your bid. This label **MUST** be affixed to the outside of the envelope or package, **even if it is a “NO BID” response**. Failure to attach the label may result in your bid being opened in error or not routed to the proper location for consideration. No bid will be accepted after the date and time specified.

Thank you in advance for your cooperation.

ADVERTISEMENT FOR BIDS
COBB COUNTY PURCHASING DEPARTMENT

BID OPENING DATE: OCTOBER 27, 2011

Cobb County will receive Sealed Bids before 12:00 NOON, October 27, 2011 in the Cobb County Purchasing Department, 1772 County Services Parkway, Marietta, GA 30008 for:

**SEALED BID # 12 – 5606
ANNUAL CONTRACT
PURCHASE WATER/SEWER PIPE VALVES AND FITTINGS
COBB COUNTY WATER SYSTEM**

No bids will be accepted after the 12:00 noon deadline.

Bids are opened at 2:00 p.m. at Cobb County Purchasing Department, 1772 County Services Parkway, 2nd Floor, Bid/Meeting Room, Marietta, GA 30008

No bid may be withdrawn for a period of sixty (60) days after date of bid opening, unless otherwise specified in the bid documents. Cobb County will consider the competency and responsibility of bidders in making the award. Cobb County reserves the right to reject any and all bids, to waive informalities and technicalities, to reject portions of the bids, and to award contracts in a manner consistent with the County and the laws governing the State of Georgia.

The Georgia Security and Immigration Compliance Act Affidavit form must be submitted with all bid packages involving the “performance of physical services” in order to be considered.

This solicitation and any addenda are available for download in PDF format on the Cobb County Purchasing website. www.purchasing.cobbcountyga.gov

Advertise: OCTOBER 14, 21, 2011



BID SUBMITTAL FORM

SUBMIT BID/PROPOSAL TO:
COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008-4012

BID/PROJECT NUMBER: 12-5606
ANNUAL CONTRACT
PURCHASE OF WATER/SEWER PIPE, VALVES, AND FITTINGS
COBB COUNTY WATER SYSTEM

DELIVERY DEADLINE: OCTOBER 27, 2011 BEFORE 12:00 (NOON) EST
(NO BIDS/PROPOSALS WILL BE ACCEPTED AFTER THIS DEADLINE).

BID OPENING DATE: OCTOBER 27, 2011 @ 2:00 P.M. IN THE PURCHASING DEPARTMENT BID ROOM.

BUSINESS NAME AND ADDRESS INFORMATION:

Company name: _____

Contact name: _____

Company address: _____

E-mail address: _____

Phone number: _____ Fax number: _____

NAME AND OFFICIAL TITLE OF OFFICER GUARANTEEING THIS QUOTATION:

(PLEASE PRINT/TYPE) NAME _____ TITLE _____

SIGNATURE OF OFFICER ABOVE: _____
(SIGNATURE)

TELEPHONE: _____ FAX: _____

BIDDER WILL INDICATE TIME PAYMENT DISCOUNT: _____

BIDDER SHALL INDICATE MAXIMUM DELIVERY DATE: _____

Bids received after the date and time indicated will not be considered. Cobb County reserves the right to reject any and all bids, to waive informalities, to reject portions of the bid, to waive technicalities and to award contracts in a manner consistent with the county and the laws governing the state of Georgia.

The enclosed (or attached) bid is in response to Bid Number **12-5606**; is a firm offer, **as defined by section O.C.G.A. (s) 11-2-205 of the code of Georgia (Georgia laws 1962 pages 156-178)**, by the undersigned bidder. This offer shall remain open for acceptance for a period of 60 days calendar days from the bid opening date, as set forth in this invitation to bid unless otherwise specified in the bid documents.

NOTICE TO BIDDERS - - BID QUOTES MUST INCLUDE INSIDE DELIVERY CHARGES

Advertise Dates: OCTOBER 14, 21, 2011

SEALED BID LABEL

SEALED BID ENCLOSED

DELIVER TO:
COBB COUNTY PURCHASING
1772 County Services Parkway
Marietta, GA 30008-4012

SEALED BID # 12-5606 DATE: October 27, 2011

BIDS MUST BE RECEIVED BEFORE 12:00 NOON

DESCRIPTION: Annual Contract
Purchase of Water/Sewer Pipe, Valves, and Fittings

PLEASE ATTACH LABEL TO OUTSIDE OF BID PACKAGE



Cobb County...Expect the Best!

"STATEMENT OF NO BID"

COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GA 30008

TO ALL PROSPECTIVE BIDDERS:

Because of the many requests to be placed on our vendors' list, we are continuously updating the list. While we want to include all bona fide vendors, we do not want to mail bids to those vendors who may no longer be interested in participating in our bidding process.

If you do not choose to respond to the attached Invitation to Bid/Request for Proposal, please fill out the form below indicating whether or not you want to be retained on our current vendor list.

Vendors who do not respond in any way (by either submitting a bid or by returning this form) over a period of one year may be removed from the current vendor list.

Vendors who do not wish to bid often return the entire bid package, sometimes at considerable postage expense. Returning the entire bid package is not necessary. Simply return this form.

Thank you for your cooperation.
Cobb County Purchasing Department

"STATEMENT OF NO BID"
SEALED BID NUMBER 12-5606
ANNUAL CONTRACT

PURCHASE OF WATER/SEWER PIPE, VALVES, AND FITTINGS

If you do not wish to respond to the attached Invitation to Bid/Request for Proposal, please complete this form and mail/fax to: **Cobb County Purchasing Department, Attention: Sealed Bid Department, 1772 County Services Parkway, Marietta, GA. Fax # 770-528-1154**

I do not wish to submit a bid/proposal on this solicitation.

I wish to be retained on the vendor list for this commodity or service: Yes _____ No _____

Please PRINT the following:

Company

Representative

You are invited to list reasons for your decision not to bid: _____



Cobb County...Expect the Best!

INVITATION TO BID

SEALED BID # 12-5606

ANNUAL CONTRACT PURCHASE OF WATER/SEWER PIPE, VALVES, AND FITTINGS COBB COUNTY WATER SYSTEM

BID OPENING DATE: OCTOBER 27, 2011

BIDS ARE RECEIVED IN THE
COBB COUNTY PURCHASING DEPARTMENT
1772 COUNTY SERVICES PARKWAY
MARIETTA, GEORGIA 30008
BEFORE 12:00 (NOON) BY THE BID OPENING DATE

BIDS WILL BE OPENED IN THE COBB COUNTY PURCHASING DEPARTMENT
BID/MEETING ROOM AT 2:00 P.M.

VENDORS ARE REQUIRED TO SUBMIT THE ORIGINAL AND 1 COPY OF BID
(UNLESS OTHERWISE SPECIFIED IN BID SPECIFICATIONS)

N.I.G.P. COMMODITY CODE: ASSORTED

NAME: _____

ADDRESS: _____

REPRESENTATIVE: _____

PHONE: _____ FAX: _____

E-MAIL _____

NOTE: The Cobb County Purchasing Department will not be responsible for the accuracy or completeness of the content of any Cobb County Invitation to Bid or Request for Proposal or subsequent addenda thereto received from a source other than the Cobb County Purchasing Department.

Invitation to Bid
Annual Contract – Purchase of Water/Sewer Pipe, Valves and Fittings
Cobb County Water System
Sealed Bid #12-5606

SCOPE OF SERVICES

I. General:

The Cobb County Water System maintains a vast water and sewer line infrastructure. An availability of inventory of pipe, valves and fittings in a quick delivery timeframe of maintenance or replacement parts must be assured. Interested bidders must submit bids for the Water System scope of work for their bid to be considered.

Bids are due to the Cobb County Purchasing Department located at 1772 County Services Parkway, Marietta, Georgia. 30008, before 12:00 (Noon) **on October 27, 2011**. Late bids will not be accepted.

Bid package shall include a completely filled out and executed Bid Form. **Submit an original and one (1) copy of the bid to:**

Cobb County Purchasing Department
1772 County Services Parkway
Marietta, Georgia 30008

II. Preparations for Delivery:

All parts or materials will be purchased on an as-needed basis during the contract period. The bid price shall include delivery to Cobb County Water System, 680 South Cobb Drive, Marietta, Georgia 30060-3113, Building #4. Parts and materials shall be delivered promptly as requested with a delivery date not greater than 20 days from receipt of order.

III. Alternate Materials:

Items quoted as "equal" to the specifications that references a specific brand name, the alternate must meet all of the specifications, implied or qualified. Partial substitution of the specifications will be grounds for disqualification of the bid for that item. The bidder is requested to fully explain, on an attached sheet, the information pertaining to the alternate item.

IV. Order Quantities:

The Owner assumes, unless otherwise stated, that prices quoted are for order quantities of one (1) each to larger truckload lots. However, purchaser will make every effort to order in large quantities.

V. Warranty and/or Guarantee:

The bidder will state, as an attachment, any warranty or guarantee that applies to a line item quoted. If no warranty or guarantee applies to an item, then it should be so stated at the end of the section.

VI. Delivery Information:

There will be a maximum delivery span of NO MORE than twenty (20) calendar days from receipt of the order. If the item is to be supplied directly from the manufacturer, the bidder will state the name of the manufacturer and their address. **IF THE BIDDER CANNOT DELIVER AN ITEM OR ITEMS WITHIN A TWENTY (20) CALENDAR DAY PERIOD, THE PURCHASER RESERVES THE RIGHT TO PURCHASE THE ITEM (S) FROM OTHER VENDORS.**

VII. F.O.B. Point:

Bid prices are to be based on F.O.B. destination, with delivery to be either to the Cobb County Water System or to specified work sites within the confines of Cobb County. Each order for material will state the place of delivery on the purchase order. In the event material is misdelivered by the carrier, the bidder will be responsible for any additional freight charges incurred. Additionally, should the bidder elect to combine several destination shipments on one truck, any additional charges incurred through mistakes by the carrier will be the responsibility of the bidder.

VIII. Delivery Notification:

The bidder will be responsible for insuring that a minimum of twenty-four hours notice is given to the Cobb County Water System Warehouse prior to a truckload delivery. Any cost incurred by the purchaser for emergency procurement of men and/or equipment for the purpose of off-loading or demurrage charges for overnight parking resulting from failure to issue said notification will be deducted from the bidder's invoice prior to payment. Casual shipments will be received between 8:00 AM and 4:00 PM, Monday through Friday (except holidays).

IX. Default:

The award of contract(s) resulting from the submittal of bids under this invitation may be based in part on delivery factors. Accordingly, should a successful bidder fail to perform within the time limits stated in his bid, he will be declared in default of said contract, and the bidder may lose entire contract for bid period.

X. Drop Shipment:

Drop shipments from the manufacturer or large orders from vendors will be **PALLETIZED AND BANDED, CRATED**, unless otherwise stated by the Warehouse Supervisor.

XI. American Manufacture:

All products offered in response to this solicitation must meet the provisions of The Buy American Act, unless an individual product is determined to meet the “Nonavailability” exception of the Act. If any foreign manufactured item is offered, it must be clearly identified as such, and justification for the exception must accompany the bid, along with detailed product data and a sample for evaluation.

XII. Distribution Center:

The supplier must note the location from which material is to be shipped.

XIII. Material Manufacturer:

The supplier shall note the manufacturer and type of each item bid on the bid sheet.

GENERAL MATERIAL SPECIFICATIONS

1. PIPE MATERIALS:

A. Classifications:

All water pipe greater than 1-1/2", but less than 4" in diameter shall be DIP, PVC, brass or galvanized steel as specified herein. Water pipes 2" in diameter and smaller shall be copper. **NOTE: ALL DISJ AND DIMJ PIPE AND CASING MUST BE STACKED ON 4 X 4 LUMBER.**

B. Ductile Iron Pipe (DIP):

Ductile iron pipe shall be designed in accordance with AWWA C150/ANSI A21.50 (latest revision) thickness design of Ductile Iron Pipe, using 60,000 psi tensile strength, 42,000 psi yield strength and 10 per cent elongation.

Ductile iron pipe shall be manufactured in accordance with AWWA C-151/ANSI A21.51 (latest revision) Ductile Iron Pipe Centrifugal Cast in Metal Molds or Sand Lined Molds for water or other liquids, and shall be made of ductile iron having a minimum tensile strength of 60,000 psi, a minimum yield strength of 42,000 psi and 10 per cent elongation.

Ductile iron pipe shall be pressure rated at 350 psi with minimum wall thickness of .25 inches for all pipe sizes. Ductile Iron pipe shall be in either 18' or 20' lengths. **Ductile Iron pipe shall be unit priced per stick in the default lengths of 18' or 20'. Bid's priced per foot will not be accepted.**

C. Galvanized Steel Pipe:

All galvanized steel pipe shall meet the requirements of ASTM Standard Specification for Welded Seamless Steel Pipe, Serial Designation A53 (latest revision). Galvanized steel pipe shall be marked for identification. The fittings shall be beaded of galvanized cast or malleable iron, standard weight. All pipe and fittings shall have sound, well-fitting threads. All pieces, which have defective threads, shall be rejected.

D. Copper Pipe:

All copper pipe shall conform to Federal Specification WW-T-799, Type "K" as a minimum. The lengths standard at 20 foot with normally plain ends.

E. Copper Tubing:

All copper tubing shall conform to ASTM Designation B88 for the Type "K" Soft Temper and AWWA 7S-CR Type "K" and may be used in 20-foot straight lengths, or 60 and 100 Foot coils.

F. Brass Pipe:

All brass shall be extra heavy cast with threaded fittings (domestic) with a pressure rating of 250 psi. The lengths standard at 12 foot with normally threaded ends. This shall be in accordance with ANSI standards B16.15, B2.1 (pipe threads) and Federal specifications WW-P-460.

2. JOINTS & FITTINGS.

A. Fittings:

1. Fittings for pipe less than 4" in diameter shall be of the same material as the pipe and shall meet all requirements of the standard specifications of the subject pipe.
2. Fittings for pipe 4" in diameter and above shall be ductile iron or cast iron and shall be short body standard design for 350 psi with mechanical joints in accordance with AWWA C153/ANSI A21.53 (latest revision). Fittings shall be cement lined in accordance with AWWA C104 and exterior coated with a petroleum asphaltic coating in accordance with AWWA C110.
3. All fittings shall have a pressure rating of 350 psi or greater.

B. D.I.P. Joints:

1. Mechanical Joints:
 - a. Mechanical joints shall consist of a bolt joint of the stuffing box type as detailed in ANSI A21.53 (latest revision) and described in AWWA C111/ANSI A21.11 (latest revision)-Rubber Gasket Joints for Ductile Iron and Gray Iron Pressure Pipe and Fittings.
 - b. Gaskets, bolts and nuts shall conform to AWWA C111/ANSI A21.11 (latest revision) and shall be of neoprene or rubber of such quality that they will not be damaged by the liquid with which they will come into contact. **GLANDS SHALL BE OF HIGH STRENGTH DUCTILE IRON.**
2. Push-On Joints
Push-On joints shall conform to AWWA C111/ANSI A21.11 (latest revision)-Rubber Gaskets Joints for Ductile Iron and Gray Iron Pressure Pipe and Fittings. Details of the Joint design shall be in accordance with the manufacturers standard practice such as "Fastite", "Bell-Tite", "Tyton", or equal joints.
3. Threaded Flange Joints
These joints shall be in accordance with AWWA C115/ANSI A21.15. All flanges shall have a tapered pipe thread (NPT) in accordance with ANSI B2.1, Pipe Threads (except dryseal), adapted to DIP outside diameters.

3. VALVES.

A. Gate Valves:

1. All gate valves (MJ & FLG) will open counter clockwise.
2. All flanged OS&Y Valves, 4" and larger in size shall be of iron body with exterior and interior conforming to AWWA/ANSI C550 and ASTM D1763

Standards. Valves will be of Resilient Wedge Seat Type with hand wheels that open counter clockwise.

Valves must have 200 PSIG maximum working pressure and 400 PSIG test pressure. All OS&Y Flanged Valves will be either Mueller Super-Seal A-2473-6 or equal.

3. All gate valves, 3 inches and larger in size must be of iron body, bronze mounted, resilient wedge, parallel seat, with non-rising bronze stems and shall conform to AWWA C509. Valves shall be equipped with 2-inch square operating nuts.
4. All 3 inch or smaller gate valves must be of the best quality bronze body, bronze mounted, solid wedge type, non-rising stem and shall be rated for 200 psi cold water working pressure.
5. All gate valves must be either M&H Fig. #4067-01 or Mueller #A2360-20 or equal.

B. Butterfly Valves:

1. Butterfly valves shall conform to the requirements specified for rubber seated butterfly valves in AWWA C504, (latest revision).
2. All butterfly valves shall be Class 250 with mechanical joint ends and shall open counter clock-wise. All valve operators shall include a AWWA operating nut and shall be gasketed and grease packed for submerged operation at water pressure to 10 psig.
3. All valve bodies shall be cast iron with cast iron valve discs and shall be rated at 250 psi working pressure.

C. Small Orifice Air Release Valves

1. The small orifice air release valve bodies shall be of cast iron. The valves shall be GA Industries Model #945 or approved equal.
2. The air release valve shall maintain closed position to prevent the loss of water by the positive seating of a non-corrosive float against a smoothly ground contact surface of the exhaust orifice. It shall automatically provide for the escape of air to atmosphere without the loss of water when the special ball float moves away from the orifice seat.

D. Check valves:

1. Check valves for sewage service shall be of the swing type. Valve disc shall swing entirely clear of path of flow when in the open position. All internal parts shall be readily accessible and easily replaced in the field.

Check valves shall be iron body, bronze-mounted valve conforming to AWWA C508. Valves shall have 125-pound cast iron body, bolted and gasketed cover, stainless steel or brass hinge pin, renewable bronze seat and disc, outside lever and adjustable weight, and 125-pound flanged ends per ANSI B16.1. The lever arm and weights shall be designed to meet the project requirements. Cast iron for body and cap shall conform to ASTM A126; grade B. Bronze for disc and seat shall conform to ASTM B62

E. Valve Boxes and Covers:

1. The valve boxes shall of cast iron materials such as Tyler Foundry Model 562-S, Series 6850, two-piece box 5-1/2" shaft type, extension 26 inches to 35 inches with screw type operation. The valve box lid will have the word "WATER" cast in raised letters. Complete Valves Boxes will be shipped fully assemble from the factory.

F. Corporation Stops:

2. Corporation Stops shall be of bronze construction and shall have standard thread in conformance with AWWA C800. Corporation stops shall be Hayes 4400 or approved equal. **ALL CORPORATION STOPS WILL BE OF THE BALL TYPE OPERATION. 1-1/2" AND 2" CORPORATION STOPS WILL HAVE THE SAME OUTLET AND INLET SIZE.**

G. Curb Stops:

1. Curb stops shall be of bronze construction with tee handle operator. Curb stops shall be Hayes 4302 or equal. **ALL CURB STOPS ARE TO BE BALL VALVE TYPE WITH TAMPER-PROOF KEYS AND LYING LENGTH OF 4 1/2".**

H. Straight Ball Meter Valves:

1. All Meter valves must be ball type operation with tee handle operator. Valves must be Ford BF13-666, 777W and BF43- 666,777WG (CTS).

4. METER BOXES AND LIDS.

- A: The lid shall be of cast iron and shall be designed to rest firmly on the seat inside the box and overhang to prevent dirt from falling into the seat. The lid shall be easily removed and replaced. Lid will be marked w/CCWS

B. Meter Boxes (Plastic):

1. Load inch surface, unburied)
ASTM Test D-638 (latest revision) 15,500 lbs.
2. Impact Strength (falling dart):
ASTM Test D-256 (latest revision) 100 ft-lb's. /in.
3. Shore D Hardness:
ASTM Test D-1706 (latest revision) 63
4. Deflection Temp. @ 264 PSI:
ASTM Test D-648 159 degrees F.

Body: Plastic Meter Boxes: (Rectangular For 3/4" and 1" Domestic Meter)

1. The body shall be Carson model #1419-12 of approved equal.
The body shall be manufactured from High Density Polyethylene Utilizing the Union Carbide Structural Foam Process. The body Should not have any wall thickness of less than 1/4". The use Of polypropylene in the manufacturing process is prohibited.

The rectangular dimension required on the main body is as follows:
Top Opening (outside dimension) 11-3/4" X 17"
Bottom Opening (inside dimension) 14-1/8" X 19-1/4"
Depth 12"

5. TAPPING SADDLES and TAPPING SLEEVES.

A. Double Strap Saddles:

1. Saddles shall be either Smith Blair 313 Double Strap or approved equal.

B. Saddle Sizes:

1. 2½" saddle shall fit pipe with O.D. range of 2.75" to 2.88" and shall have cc threads.
2. 6" saddle shall fit pipe with O.D. range of 6.90" to 7.45". Tap shall be ¾" through 2" CC and IPS threads.
3. 8" saddle shall fit pipe with O.D. range of 8.54" to 9.63" and tap shall be ¾" through 2" CC and IPS threads.

4. 10" saddle shall fit pipe with O.D. range of 11.10" to 11.20" and tap shall be ¾" through 2" CC and IPS threads.

C. Tapping Sleeves:

1. Tapping sleeves shall be class 250-pipe 200 psi working pressure.
Sleeves shall be either M&H Fig #1174-01 or Mueller #h615 or approved equal.
All Sleeves Shall be Ductile Iron.

6. REPAIR COUPLINGS.

A. Bolted Couplings (only):

Couplings for 3/4-inch pipe shall be only Dresser, style 38 or style 40. Other sizes may be either Dresser Style 38 and 40 or Smith-Blair 411 and 412.

B. Transition Couplings shall be Smith-Blair, style #441 or approved equal.

C. Repair Clamps:

Full circle, wrap around style clamps shall be Smith-Blair 226 or approved equal. Clamps shall be specified for pipe according to the following schedule:

<u>Normal Pipe Size</u>	<u>O.D. Range</u>
2½" Galvanized	2.70" - 3.00"
3" Galvanized	3.46" - 3.70"
4" Cast Iron	4.74" - 5.14"
4" A/C Pipe	5.22" - 5.62"
4" Plastic Pipe	4.45" - 4.73"
6" Cast Iron	6.84" - 7.24"
6" A/C Pipe	7.05" - 7.34"
6" Plastic Pipe	6.56" - 6.96"
8" Cast Iron	8.99" - 9.39"
8" A/C Pipe	9.27" - 9.67"
8" Plastic Pipe	8.54" - 8.94"
10" Cast Iron	11.04" - 11.44"
10" A/C Pipe	11.75" - 12.15"
10" Plastic Pipe	11.04" - 11.44"
12" Cast Iron	13.10" - 13.50"
12" A/C Pipe	14.00" - 14.40"

Super Range repair clamps shall be Smith Blair 227 clamps for Class 150 and 200 asbestos cement mains and cast iron mains or approved equal.

D. Bell Joint Clamps:

Bell joint clamps shall be Dresser Style 60 or approved equal.

7. ADAPTERS & UNIONS.

Copper female iron pipe adapters shall be Hayes 5600 CF or approved equal. Copper by copper unions shall be Hayes 5615 CF or F/C or approved equal. Copper by male iron pipe adapters shall be Hayes 5606 or approved equal.

8. STEEL CASING PIPE.

Steel casing pipe shall have minimum yield strength of 35,000-lbs. psi and shall conform to requirements of ASTM A139. It shall be exterior and interior coated with a coal tar coating. Minimum wall thickness shall be as follows:

Nominal Diameter (inches)	Nominal Thickness (inches)
Under 14	0.250
16	0.375
18	0.375
20	0.375
24	0.375

9. SDR-35 POLYVINYL CHLORIDE PIPE.

A. Polyvinyl Chloride (PVC) Pipe for Gravity Sewers: Class-rated PVC pipe and accessories where shown or as specified on the Drawings, shall meet extra strength minimum of SDR- 35 of the requirements of ASTM D 3034-73 FOR 4" through 15" and ASTM F 679 for 18" through 27". Pipe shall be furnished in Industry standard lengths. Pipe and accessories shall bear the NSF mark Indicating its class, pipe size, manufacturer's name AWWA and/or ASTM Specification number, working pressure and production code. Pipe and Couplings shall be made from Class 124540-A or Class 12454-B virgin Compound, as designed in ASTM D1748.

B. Joints: the PVC joints for pipe four inches in diameter and greater shall be of the push-on type. The push-on joint shall be a single rubber gasket joint designed to be assembled by the positioning of a continuous, molded rubber ring gasket in an annular recess in the pipe of fitting socket and the forcing of the plain end of the entering pipe into the socket. The gasket and annular recess shall be designed and shaped so that the gasket is locked in place against displacement as the joint is assembled. The rubber ring joint shall be designed for thermal expansion or contraction with total temperature change of least 75d F in each joint per length of pipe. The bell shall consist of an integral wall section with a solid cross- section elastomeric ring, which shall meet requirements of ASTM D2869. The thickened bell section shall be designed to be at least as strong as the pipe wall.

- C. Pipe shall be joined by gasketed bell-and-spigot joints.

10. SDR-21 POLYVINYL CHLORIDE PIPE BELL AND GASKET.

- A. Pipe shall be manufactured of type 1, grade 1, 2000PSI design stress compound designated as PVC 1120 and will conform to ASTM D-1784 compound specifications. Pipe will have a maximum hydrostatic working pressure of 200 PSI (SDR-21). It shall bear the NSF seal and shall meet the requirements of CS-256 and ASTM D-2241. Rubber ring will conform to ASTM F-477.

11. HIGH DENSITY POLYETHYLENE PE 3408 WATER SERVICE PIPES.

- A. Pipe will be SDR-7, 200PSI, meet AWWA standard C-901 and ASTM D- 2239.

12. MANHOLE RING & COVERS.

- A. Ring and Covers shall meet ASTM A-48, Class 30 Specifications, Load rating shall be Heavy Duty. Casting designated as Heavy Duty is designed for 25,000 lbs. proof load as outlined under Federal Specifications RR-F-621 paragraph 4.5.1. Vulcan Foundry V-2480-1 (Previous Pattern VM-3 MOD Watertight) and V-1480-1 (previous Pattern VM-3). Covers shall have NON- penetrating Pick Holes. All lids will be marked **COBB COUNTY, GEORGIA.**
- B. SEWER CLEANOUT C/I RING AND COVER. RMC-15-H Ring and cover shall meet ASTM A48 30C Material Specifications. Ring dimensions: Height – 3 5/16", Overall – 17 1/2", Ring opening – 11 3/8, Weight 9 pounds. Cover dimensions. Skirt diameter – 11 1/2", skirt height 1 5/16", Lifter bar length – 2 1/2", Lifter bar material – Stainless steel 1/8" diameter, Weight – 18 pounds.

13. FERNCO COUPLINGS.

- A. All Couplings shall meet the following ASTM Standards. C-425, C-443, F- 477, C-564, D-1869, and C-1173.

14. METER COUPLING.

- A. This specification covers 3/4" by 2.5" long Meter Couplings for full 3/4" meters. The meter coupling shall conform to AWWA Standard C700, latest revision, regarding thread types and diameters. All cast components shall be certified waterworks. Red brass meeting the latest revision of AWWA Standard C800, ASTM B62. The alloy described by this Standard is 85% copper and 5% each of tin and zinc (85-5-5).

- B.** The coupling shall have an external cast surface; an external Machined surface is not permitted. The waterway diameter shall be 3/4" and the main body outside diameter shall be 1-1/8". Raised, octagonal wrench flats shall be centered longitudinally on the coupling body, shall be 2" long and shall measure 1-1/8" diametrically from flat to flat. The meter gasket sealing surface shall be approximately .187" wide and the flanged portion of this surface shall be 9/64" thick. The other coupling end shall be 3/4" NPT, Male Iron Pipe.
- C.** The meter swivel nut shall be attached to the coupling body by a phosphor bronze snap ring and shall rotate freely without binding. The nut shall be drilled for a seal wire.
- D.** Each coupling shall be watertight and individually tested for leaks. Batch testing is not allowed. They shall be shipped well boxed to help prevent damage during shipment and handling. All couplings shall be well designed, have good appearance and shall be entirely suitable for the intended purpose.

SPECIAL TERMS AND CONDITIONS

I. Contract Period:

Contract awarded as a result of bids submitted under this Sealed Bid shall extend from the date of award for a period of 12 full months.

II. Pricing:

Prices shall remain firm for the duration of the initial Contract period. Reasonable price changes based on market conditions and price/cost analysis may be made after the initial Contract period. The Contractor shall supply documentation satisfactory to Cobb County, such as: documented changes to Producers Price Indexes; Consumer Price Indexes; or a manufacturer's published notification of price change(s).

Cobb County will evaluate this information to determine if revising the pricing is considered fair and reasonable to the satisfaction of Cobb County. Requests for any such change must be received in writing by the Cobb County Purchasing Department thirty (30) days prior to the expiration of the original contract term. The County may cancel the contract if the price increase request is not approved.

All price reductions at the manufacturers' or distributors' level shall be reflected in a reduction of the contract price(s) to Cobb County retroactive to the effective date of the price reduction(s).

III. Option to Extend the Term of Contract:

Contract is renewable, at the option of Cobb County Government, and upon written agreement by the vendor. However, the total duration of this contract, including the exercise of any options, shall not exceed three (3) years (basic year and two (2) one (1) year options).

Cobb County General Instructions For Bidders, Terms and Conditions

I. Preparation Of Bids

Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder's risk, as the bidder will be held accountable for their bid response.

Unit price for each quotation shall be shown and such price shall include packing unless otherwise specified, along with a total and grand total where applicable. In case of discrepancy between a unit price and extended price, the unit price will be presumed correct.

Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. The person signing the bid must initial erasures or other changes. An authorized agent of the company must sign bids.

Invitations to Bid (ITB) issued by Cobb County are advertised on the Cobb County Internet site, www.purchasing.cobbcountyga.gov and every Friday in the Marietta Daily Journal.

II. Delivery

Each bidder should state the time of proposed delivery of goods or services. Words such as "immediate", "as soon as possible", etc. shall not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) shall be stated (if calendar days are used, include Saturday, Sunday and holidays in the number).

III. Explanation to Bidders

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be received in writing **by 5:00 pm on October 18, 2011** in order for a reply to reach all bidders before the close of the bid. Any information concerning an Invitation to Bid (ITB) will be furnished to all prospective bidders as an addendum if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders.

Submit questions in writing to:
Cobb County Purchasing Department
1772 County Services Parkway
Marietta, GA 30008
Fax: 770-528-1154
Email: purchasing@cobbcounty.org

The written bid documents supersede any verbal or written communication between parties. Addenda are posted on the Purchasing web site: www.purchasing.cobbcountyga.gov. Receipt of addenda should be acknowledged in the bid. It is the bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal.

IV. Submission of Bids

Bids shall be enclosed in sealed envelopes, addressed to the Cobb County Purchasing Department with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Bids must be received in the Purchasing Department no later than the date and time (determined by the date/time stamp in the department) set forth in the Invitation to Bid. It is the sole responsibility of the bidder to ensure that his or her bid reaches the Purchasing Department. Telegraphic/faxed bids will not be considered. Any addenda should be enclosed in the sealed envelopes as well. **All bids shall be submitted on the Bid Proposal Form. Any revisions made on the outside of the envelope will not be accepted.** The bids will be publicly opened and read at the time and place set forth in the Invitation to Bid.

Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing. Items offered must meet required specifications and must be of a quality, which will adequately serve the use and purpose for which intended.

Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.

If no items are bid on, the "Statement of No Bid" must be returned, with the envelope plainly marked "No Bid" including the bid number. Where more than one item is listed, any items not bid upon must be indicated "No Bid".

Unsigned bids will not be considered except in cases where bid is enclosed with other documents, which have been signed. The County will determine this.

Cobb County is exempt from federal excise tax and Georgia sales tax with regards to goods and services purchased directly by Cobb County. Suppliers and contractors are responsible for federal excise tax and sales tax, including any taxes for materials incorporated in county construction projects. Suppliers and contractors should contact the State of Georgia Sales Tax Division for additional information. Tax Exemption Certificates will be furnished upon request.

Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act. Each page of proprietary information must be identified. Entire bid may not be deemed proprietary.

V. Withdraw Bid Due To Errors

The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days (48 hours) after the conclusion of the bid opening. Bids may be withdrawn from consideration if the price was substantially lower than the other bids due solely to a mistake therein, provided the bid was submitted in good faith,

and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid. Bid withdrawal is not automatically granted and will be allowed solely at the discretion of Cobb County.

No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.

VI. Testing and Inspection

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of tests are determined. Cost of inspections and tests of any item, which fails to meet specifications, shall be borne by the bidder.

VII. F.O.B. Point

Unless otherwise stated in the Invitation to Bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

VIII. Patent Indemnity

The contractor guarantees to hold the County, its agents, officers, or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of contract, for which the contractor is not the patentee, assignee or licensee.

IX. Award

Award will be made to the lowest responsive and responsible bidder. Conditional bids are not be acceptable. The quality of articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations

of the contract. The County reserves the right to reject or accept any or all bids and to waive technicalities, informalities, and minor irregularities in bids received.

The Bidder does not have the exclusive right to fill all of the County's requirements for the goods or services awarded nor will the County be obligated to purchase the estimated annual quantity or any quantity contained in the bid document.

The County reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest. In case of tie bid, the award will be made as follows:

1. The bid will be awarded to the in-county vendor.
2. The bid will be awarded to the in-state vendor.
3. The bid will be awarded to the vendor with the lesser total dollar volume.

The County reserves the right to award by line item to more than one vendor. The County reserves the right to negotiate a lower price than the bid award price on any line item with the successful vendor, should the quantity required significantly exceed those on the Invitation to Bid. If the County is unable to negotiate an acceptable price, it reserves the right to rebid the item(s) involved. If after the award of the bid there is a decrease in the price of a product from the manufacturer, or a rebate, the successful bidder will pass that price decrease and/or rebate onto the County.

Time payment discounts will be considered in arriving at net prices and in award of bids. Offers of discount for payment within ten (10) days following the end of the month are preferred.

X. Delivery Failures

Failure of a contractor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Director, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Director, shall constitute authority for the Purchasing Director to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the County within a reasonable time specified by the Purchasing Director for any expense incurred in excess of contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting contractor. Alternatively, the County may penalize the contractor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Director.

XI. County Furnished Property

No material, labor or facilities will be furnished by the County unless so provided in the invitation to bid.

XII. Rejection of Bids

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

XIII. Contract

Each bid is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all commodities or services described therein shall constitute a contract between the bidder and the County which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted bid. The County, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered. Payment terms are net thirty (30) days after receipt of invoice.

The Price and all unit prices shown shall be deemed to include all costs of Contractor's performance of the Work as set forth in the Bid Documents, including, but not limited to, the costs of labor, supervision, travel, services, materials, equipment, tools, scaffolds, hoisting, transportation, storage, insurance and taxes.

Upon receipt of a bid package, containing a Cobb County "Sample Contract" as part of the requirements, it is understood that the bidder has reviewed the documents with the understanding that Cobb County requires all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety. The County reserves the right to make alterations to Sample Contracts.

XIV. Non-Collusion

By submission of a bid, the vendor certifies, under penalty of perjury, that to the best of its knowledge and belief:

- (a) The prices in the proposal have been arrived at independently without collusion, consultation, communications, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or with any competitor.
- (b) Unless otherwise required by law, the prices which have been quoted in the proposal have not been knowingly disclosed by the vendor prior to opening, directly or indirectly, to any other vendor or to any competitor.
- (c) No attempt has been made, or will be made, by the vendor to induce any other person, partnership or corporation to submit or not to submit a proposal for the purpose of restricting competition.

Collusions and fraud in bid preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

XV. Conflict of Interest, Etc.

By submission of a bid, the responding firm certifies, under penalty of perjury, that to the best of its knowledge and belief:

1. No circumstances exist which cause a Conflict of Interest in performing the services required by this ITB, and
2. That no employee of the County, nor any member thereof, not any public agency or official affected by this ITB, has any pecuniary interest in the business of the responding firm or his sub-consultant(s) has any interest that would conflict in any manner or degree with the performance related to this ITB.

By submission of a bid, the vendor certifies under penalty of perjury, that to the best of its knowledge and belief:

- (a) The prices in the bid have been arrived at independently without collusion, consultation, communications, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other vendor or with any competitor.
- (b) Unless other wise required by law, the prices which have been quoted in the bid have not knowingly been disclosed by the vendor prior to opening, directly or indirectly, to any other vendor or competitor.
- (c) No attempt has been made, or will be made, by the vendor to induce any other person, partnership or cooperation to submit or not to submit a bid for the purpose of restricting competition.

For any breach or violation of this provision, the County shall have the right to terminate any related contract or agreement without liability and at its discretion to deduct from the price, or otherwise recover, the full amount of such fee, commission, percentage, gift, payment or consideration.

The successful responding firm shall require each of its sub-consultant(s) to sign a statement certifying to and agreeing to comply with the terms of the Sub-sections above.

XVI. Default

The contract may be cancelled or annulled by the Purchasing Director in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting contractor (or his surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extending in writing by the Purchasing Director, shall constitute contract default.

XVII. Disputes

Except as otherwise provided in the contract documents, any dispute concerning a question of fact arising under the contract which is not disposed of shall be decided after a hearing by the Purchasing Director, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the Purchasing Director shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

XVIII. Substitutions

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

XIX. Ineligible Bidders

The County may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses, or other monies due to the County. Failure to respond three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

XX. Alterations of Documents

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the firm's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

XXI. Termination for Convenience

The County, by written notice, may terminate this contract, in whole or in part, when it is in the County's interest. If this contract is terminated, the County shall be liable only for goods or services delivered or accepted. The County Notice of Termination may provide the contractor thirty (30) days prior notice before it becomes effective. However, at the County's sole option a termination of convenience may be effective immediately and may apply to delivery orders (if applicable) or to the contract in whole.

XXII. Inter-governmental Agreement

Other cities and Authorities located in Cobb County will be allowed to purchase identical items at the same price and upon the same terms and conditions, pursuant to the Intergovernmental Cooperative Purchasing Agreements entered into between the BOC and Cobb County Governmental entities listed under the Intergovernmental Cooperative Purchasing Program. These entities include the Cobb County Board of Education and Cities of Acworth, Austell, Kennesaw, Smyrna, Marietta, and Powder Springs and the Cobb County-Marietta Water Authority and the Cobb-Marietta Coliseum and Exhibit Hall Authority.

XXIII. Indemnification and Hold Harmless

By submission of a bid, the selected responding firm agrees to the fullest extent permitted by law to indemnify Cobb County and protect, defend, indemnify and hold harmless Cobb County, its officers, officials, employees and volunteers from and against all claims, actions, liabilities, losses (including economic losses), or costs arising out of any actual or alleged a) bodily injury, sickness, disease, or death; or injury to or destruction of tangible property including the loss of use resulting there from; or any other damage or loss arising out of or resulting claims resulting in whole or part from any actual or alleged act or omission of the responding firm, sub-consultant, anyone directly or indirectly employed by any firm or sub-consultant; or anyone for whose acts any of them may be liable in the performance of work; b) violation of any law, statute, ordinance, governmental administrative order, rule, regulation, or infringements of patent rights or other intellectual property rights by the responding firm in the performance of work; or c) liens, claims or actions made by the responding firm or other party performing the work, as approved by Cobb County. The indemnification obligations herein shall not be limited by any limitation on the amount, type of damages, compensation, or benefits payable by or for the responding firm or its sub-consultant(s), as approved by the County, under workers' compensation acts, disability benefit acts, other employee benefit acts, or any statutory bar or insurance.

XXIV. Special Terms and Conditions

Should these General Terms and Conditions be in conflict with any attached Special Terms and Conditions, the Special Terms and Conditions will control.

XXV. Compliance with Georgia Security and Immigration Compliance Act Contractor Affidavit and Agreement (EXHIBIT A) - Not Applicable

XXVI. Disadvantaged Business Enterprises (DBE): The following provisions should be carefully read to determine applicability to your business.

Cobb County Government encourages the participation of all businesses in offering their services and/or products. The Cobb County Government has the goal to fairly and competitively procure the best product at the most reasonable cost.

A Disadvantaged Business Enterprise (DBE) is generally defined as a Female, Black American, Hispanic American and any other minority owned business. The Federal Government has long had program in place to ensure participation of DBE vendors and suppliers. The State of Georgia has established a similar program whereby DBE firms are defined, certified and made known. This effort is managed by the Georgia Department of Transportation (GDOT). More information can be obtained from GDOT web site:

1. <http://www.dot.state.ga.us/eeo-div/index.shtml>

The Cobb County Government addresses DBE business participation (frequency and dollar value) in the following ways:

1. Cobb County wishes to identify all DBE participation; both at the contractor and sub-contractor levels in the following ways.
 - a. DBE businesses are requested to identify such status at the time they register as a vendor.
 - b. DBE businesses are requested to identify themselves at the time they propose to do business. Please complete **EXHIBIT B** if applicable and return with bid submittal.
 - c. All businesses will receive with each Purchase Order an instruction sheet for use of the furnished *Cobb County Government DBE Participation Report*, **EXHIBIT C**. Businesses are requested to complete this report and submit it with each invoice for the time period billed.
2. Cobb County has established a Disadvantaged Business Enterprise Plan in accordance with the regulations of the U.S. Department of Transportation (U. S. Department of Transportation (USDOT), 49 CFR Part 26.) The Cobb County Department of Transportation is the lead agency for implementing the USDOT DBE Program for the County.

The Plan applies only to projects which are clearly indicated by the County.

EXHIBIT B

DISADVANTAGED BUSINESS ENTERPRISE (DBE) IDENTIFICATION FORM

A Disadvantaged Business Enterprise (DBE) is generally defined as a Female, Black American, Hispanic American and any other minority owned business. If your firm is classified as a Disadvantaged Business Enterprise (DBE), please complete this form and submit with bid response or send to:

Cobb County Purchasing Department
Attn: Purchasing Director
1772 County Services Parkway
Marietta, GA 30008
Fax: 770-528-1154
Email: purchasing@cobbcounty.org

Name of Business: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Certification Number: _____

Name of Organization Certification _____

**This information is acquired for informational purposes only and will
have no bearing on the award unless otherwise stated**

Instructions for Completing Exhibit C
Disadvantaged Business Enterprise (DBE)
Participation Report

All Cobb County Government contractors or vendors are requested to complete a report descriptive of any DBE subcontractor involvement in work for which the government is making payment. If otherwise specified in an RFP/ITB or contract, additional reporting forms may be required as well.

The objective of this request is to assist in the identification of Disadvantaged Business Enterprise (DBE) business participation with the Cobb County Government and to quantify that participation.

The Cobb County Government does not administer a DBE Certification Program. The principle certification agency for the State of Georgia is the Georgia Department of Transportation. As a Contractor/Vendor you are not responsible for verification of any DBE Certification information of your subcontractor.

***** Instructions *****

1. Contractor/Vendor is furnished the one-page ***DBE Monthly Participation Report*** with each Cobb County Government-issued Purchase Order.
2. Contractor/Vendor completes this report for each billing period and attaches it to the invoice to then be sent to the County department/agency receiving the service or product.
3. Upon receipt of a Contractor/Vendor invoice and DBE report, the County department/agency receiving the service or product should keep a copy of the completed DBE report for their reporting process. In order to add or verify the prime contractor is registered as a DBE vendor in AMS, the County department/agency should send a copy of the DBE report to:

Cobb County Purchasing Division
Attn.: DBE Report

A Disadvantaged Business Enterprise (DBE) is a firm that is under the control of someone in an ownership position (at least 51%) that:

1. Has membership in one or more of the following groups: Female, Black American, Hispanic American, Native American, Subcontinent Asian American and Asian-Pacific America. There may be other groups that may be eligible to be certified as DBE.
2. Is a U.S. citizen or lawfully admitted permanent resident of the U.S.
3. Has a personal net worth which does not exceed \$750,000.
4. The business meets the Small Business Administration's size standard for a small business. Its annual gross receipts for the three previous fiscal years cannot have exceeded \$22,410,000. Depending on the type of work the business performs, other size standards may apply.
5. The business is organized as a for-profit business.
6. The business may also be DBE eligible as a certified U.S. Small Business Administration 8 (a) program.

Exhibit C

Monthly Report

Contractor/Vendor: Please keep this blank report to make copies as needed. Print or type in the report, then send the completed report to the County department/agency receiving the service or product.

County Departments: Keep a copy of this completed report and use the dollar figures to input into your quarterly DBE report to the DBE Liaison (Records Management Division). If you already have a similar reporting method of gathering the dollar figures continue to use it. Send a copy of this completed report to the Purchasing Division (Attn: DBE Report) to add or verify the prime contractor is registered as a DBE vendor in AMS.

Submitted by: _____ Month Invoiced: _____
Name of Prime Contractor/Vendor **From/To:**

Cobb County Project Name: _____ Bid or P.O. Number: _____

Cobb County Department or Agency receiving service or product: _____

Description of Purchased Service/Product: _____

Full Contracted Amount: \$_____ Payment amount requested at this time: \$_____

1. Are YOU, the Prime Contractor a DBE business? YES _____ NO _____
2. Are YOUR subcontractors DBE vendors? YES _____ NO _____

Please provide information below for each participating DBE subcontractor(s).

[illegible]

Submitted by: _____
Printed Name

Title or position: _____

Date Completed: _____

Signature of Authorized Representative

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
			MUST COMPLY WITH THE BUY AMERICAN ACT					
1	65917-1100	1	BEND, BRASS DOMESTIC	3/4" X 90d	150	EA		
2	65917-1101	1	BEND, BRASS DOMESTIC	1" X 90d	75	EA		
3	65917-1102	1	BEND, BRASS DOMESTIC	1 1/2" X 90d	75	EA		
4	65917-1103	1	BEND, BRASS DOMESTIC	2 " X 90d	200	EA		
5	65917-1110	1	BEND, BRASS DOMESTIC	2 1/2" X 90d	25	EA		
6	65924-1050	1	BUSHING, HEX BRASS DOMESTIC	1" X 3/4"	150	EA		
7	65924-1051	1	BUSHING, HEX BRASS DOMESTIC	1 1/2 " X 1"	25	EA		
8	65924-1052	1	BUSHING, HEX BRASS DOMESTIC	2" X 1 1/2"	15	EA		
9	65924-1053	1	BUSHING, HEX BRASS DOMESTIC	2 1/2" X 2"	20	EA		
10	65924-1055	1	BUSHING, HEX BRASS DOMESTIC	3" X 2 1/2"	15	EA		
11	65927-1010	1	CAP, BRASS DOMESTIC	1"	70	EA		
12	65927-1011	1	CAP, BRASS DOMESTIC	3/4"	30	EA		
13	65822-1003	1	NIPPLE, BRASS DOMESTIC	3/4" X 6"	300	EA		
14	65822-1004	1	NIPPLE, BRASS DOMESTIC	1" X 6"	300	EA		
15	65822-1010	1	NIPPLE, BRASS DOMESTIC	3/4" X CL	240	EA		
16	65822-1012	1	NIPPLE, BRASS DOMESTIC	3/4" X 2"	130	EA		
17	65822-1016	1	NIPPLE, BRASS DOMESTIC	3/4" X 4"	3500	EA		
18	65822-1030	1	NIPPLE, BRASS DOMESTIC	1" X CL	325	EA		
19	65822-1032	1	NIPPLE, BRASS DOMESTIC	1" X 2"	125	EA		
20	65822-1036	1	NIPPLE, BRASS DOMESTIC	1" X 4"	325	EA		
21	65822-1050	1	NIPPLE, BRASS DOMESTIC	1 1/2" X CL	10	EA		
22	65822-1051	1	NIPPLE, BRASS DOMESTIC	1 1/2" X 2"	60	EA		
23	65822-1055	1	NIPPLE, BRASS DOMESTIC	1 1/2" X 4"	15	EA		
24	65822-1059	1	NIPPLE, BRASS DOMESTIC	1 1/2" X 6"	200	EA		
25	65822-1061	1	NIPPLE, BRASS DOMESTIC	1 1/2" X 8"	100	EA		
26	65822-1070	1	NIPPLE, BRASS DOMESTIC	2" X CL	15	EA		
27	65822-1071	1	NIPPLE, BRASS DOMESTIC	2" X 2 1/2"	160	EA		
28	65822-1074	1	NIPPLE, BRASS DOMESTIC	2" X 4"	50	EA		
29	65822-1078	1	NIPPLE, BRASS DOMESTIC	2" X 6"	270	EA		
30	65822-1079	1	NIPPLE, BRASS DOMESTIC	2" X 7"	20	EA		
31	65822-1080	1	NIPPLE, BRASS DOMESTIC	2" X 8"	150	EA		
32	65822-1082	1	NIPPLE, BRASS DOMESTIC	2" X 10"	100	EA		
33	65822-1085	1	NIPPLE, BRASS DOMESTIC	2 1/2" X CL	20	EA		
34	65822-1086	1	NIPPLE, BRASS DOMESTIC	2 1/2" X 4"	50	EA		
35	65822-1087	1	NIPPLE, BRASS DOMESTIC	2 1/2" X 6"	50	EA		
36	65822-1088	1	NIPPLE, BRASS DOMESTIC	2 1/2" X 8"	70	EA		
37	65822-1170	1	NIPPLE, BRASS DOMESTIC	2" X 20"	12	EA		
38	65822-1171	1	NIPPLE, BRASS DOMESTIC	2" X 24"	30	EA		
39	65965-1050	1	REDUCER, THREADED BELL BRASS DOMESTIC	2 1/2" X 2"	10	EA		
40	65965-1056	1	REDUCER, THREADED BELL BRASS DOMESTIC	1" X 3/4"	200	EA		
41	65965-1057	1	REDUCER, THREADED BELL BRASS DOMESTIC	2" X 1"	15	EA		
42	65965-1058	1	REDUCER, THREADED BELL BRASS DOMESTIC	2" X 1-1/2"	20	EA		
43	65954-1030	1	PLUG, CORED BRASS DOMESTIC	1"	80	EA		
44	65954-1031	1	PLUG, CORED BRASS DOMESTIC	3/4"	50	EA		
45	65973-1150	1	SLEEVE, BRASS DOMESTIC	3/4"	250	EA		
46	65973-1151	1	SLEEVE, BRASS DOMESTIC	1"	50	EA		
47	65973-1152	1	SLEEVE, BRASS DOMESTIC	1 1/2"	40	EA		
48	65973-1153	1	SLEEVE, BRASS DOMESTIC	2"	60	EA		
49	65973-1154	1	SLEEVE, BRASS DOMESTIC	2 1/2"	30	EA		
50	65984-1030	1	TEE, BRASS DOMESTIC	3/4"	70	EA		
51	65984-1031	1	TEE, BRASS DOMESTIC	1"	35	EA		
52	65984-1032	1	TEE, BRASS DOMESTIC	1 1/2"	85	EA		
53	65984-1033	1	TEE, BRASS DOMESTIC	2"	130	EA		
54	65984-1034	1	TEE, REDUCING BRASS DOMESTIC (BULLHEAD)	3/4" X 3/4" X 1"	250	EA		
55	65924-1001	1a	BUSHING, AWWA X AWWA BRASS DOMESTIC	3/4" X 1"		EA		
56	65924-1002	1a	BUSHING, AWWA X AWWA BRASS DOMESTIC	1 1/2" X 1"		EA		
57	65924-1003	1a	BUSHING, AWWA X AWWA BRASS DOMESTIC	2" X 1 1/2"		EA		
58	67052-1016	2	CLAMP, REPAIR (COPPER)	1 1/2" X 12"	15	EA		
59	67052-1017	2	CLAMP, REPAIR (COPPER) 2.35" - 2.63"	2" X 12"	30	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
60	67052-1018	2	CLAMP, REPAIR (COPPER) 2.75" - 3.00"	2 1/2" X 12"	60	EA		
61	67052-1019	2	CLAMP, REPAIR (D/IRON) 4.74" - 5.14"	4" X 15"	5	EA		
62	67052-1020	2	CLAMP, REPAIR (A/ CONCRETE) 5.20" - 5.60"	4" X 15"	6	EA		
63	67052-1021	2	CLAMP, REPAIR (PVC) 4.45" - 4.73"	4" X 15"	10	EA		
64	67052-1022	2	CLAMP, REPAIR (D/ IRON) 6.84" - 7.24"	6" X 7 1/2"	20	EA		
65	67052-1023	2	CLAMP, REPAIR (A/ CONCRETE) 7.05" - 7.46"	6" X 7 1/2"	25	EA		
66	67052-1024	2	CLAMP, REPAIR (D/ IRON) 6.84" - 7.24"	6" X 15"	15	EA		
67	67052-1025	2	CLAMP, REPAIR (A/ CONCRETE) 7.05" - 7.46"	6" X 15"	20	EA		
68	67052-1026	2	CLAMP, REPAIR (PVC) 6.60" - 7.00"	6" X 15"	10	EA		
69	67052-1027	2	CLAMP, REPAIR (S/ RANGE 2 PC) 6.84" - 7.64"	6" X 15"	3	EA		
70	67052-1028	2	CLAMP, REPAIR (D/ IRON) 9.00" - 9.40"	8" X 7 1/2"	10	EA		
71	67052-1029	2	CLAMP, REPAIR (A/ CONCRETE) 9.30" - 9.70"	8" X 7 1/2"	12	EA		
72	67052-1030	2	CLAMP, REPAIR (D/ IRON) 9.00" - 9.40"	8" X 15"	15	EA		
73	67052-1031	2	CLAMP, REPAIR (S/ RANGE 2 PC) 8.99" - 9.79"	8" X 15"	3	EA		
74	67052-1032	2	CLAMP, REPAIR (A/ CONCRETE) 9.30" - 9.70"	8" X 15"	10	EA		
75	67052-1036	2	CLAMP, REPAIR (S/ RANGE 2 PC) 11.10" - 11.90"	10" X 15"	4	EA		
76	67052-1037	2	CLAMP, REPAIR (PVC) 10 BOLT	12" X 10"	2	EA		
77	67052-1039	2	CLAMP, REPAIR D/I	14" X 15"	1	EA		
78	67052-1040	2	CLAMP, REPAIR A/C	14" X 15"	1	EA		
79	67052-1042	2	CLAMP, REPAIR D/I	16" X 20"	1	EA		
80	67052-1044	2	CLAMP, REPAIR A/C	16" X 30"	1	EA		
81	67052-1046	2	CLAMP, REPAIR A/C	18" X 30"	1	EA		
82	67052-1047	2	CLAMP, REPAIR D/I	20" X 20"	1	EA		
83	67052-1048	2	CLAMP, REPAIR A/C	20" X 20"	1	EA		
84	67052-1049	2	CLAMP, REPAIR A/C	20" X 30"	1	EA		
85	67052-1053	2	CLAMP, REPAIR D/I	18" X 20"	1	EA		
86	67052-1054	2	CLAMP, REPAIR (S/ RANGE 2 PC) 13.20" - 14.00"	12" X 15"	2	EA		
NO SUBS FOR DRESSER / SMITH BLAIR COUPLINGS								
87	67052-1071	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	3/4" X 6"	175	EA		
88	67052-1072	3	CPLG, DRESSER #40/ SMITH BLAIR STYLE #411	3/4" X 12"	50	EA		
89	67052-1073	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	1" X 6"	75	EA		
90	67052-1074	3	CPLG, DRESSER #40/ SMITH BLAIR STYLE #411	1" X 12"	45	EA		
91	67052-1075	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	1 1/4" X 6"	12	EA		
92	67052-1076	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	1 1/2" X 6"	65	EA		
93	67052-1077	3	CPLG, DRESSER #40/ SMITH BLAIR STYLE #411	1 1/2" X 12"	20	EA		
94	67052-1078	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	2" X 6"	130	EA		
95	67052-1079	3	CPLG, DRESSER #40/ SMITH BLAIR STYLE #411	2" X 12"	40	EA		
96	67052-1080	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	2 1/2" X 6"	50	EA		
97	67052-1081	3	CPLG, DRESSER #40/ SMITH BLAIR STYLE #411	2 1/2" X 12"	120	EA		
98	67052-1082	3	CPLG, DRESSER #38/ SMITH BLAIR STYLE #411	3" X 6"	5	EA		
NO SUBS FOR ROMAC 2 BOLT WIDE RANGE D/ IRON COUPLING								
99	67052-1084	3C	COUPLING, ROMAC 2 BOLT MACRO 4.40" - 5.60"	4"	10	EA		
100	67052-1085	3C	COUPLING, ROMAC 2 BOLT MACRO 6.60" - 7.60"	6"	90	EA		
101	67052-1086	3C	COUPLING, ROMAC 2 BOLT MACRO 8.60" - 9.75"	8"	50	EA		
NO SUBS FOR SMITH-BLAIR EXTENDED RANGE COUPLING								
102	67052-1087	3C	COUPLING, SMITH BLAIR QUANTUM 10.65" - 12.20"	10"	6	EA		
103	67052-1088	3C	COUPLING, SMITH BLAIR QUANTUM 12.75" - 14.40"	12"	4	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
104	65906-1094	5	BUSHING, PVC ADAPTER IPS(H) X PSM(S)	6" X 4"	100	EA		
105	65906-1095	5	SEWER CLEAN OUT ADPT PVC SDR35 (S X FIP)	6"	40	EA		
106	65906-1096	5	SEWER CLEAN OUT ADPT PVC SDR35 (H X FIP)	6"	40	EA		
107	65927-1012	5	PVC CAP (SCH 40 PRESSURE)	4"	50	EA		
108	65944-1021	5	REDUCER, ECC PVC SDR35 PSM (S X G)	6" X 4"	100	EA		
109	65954-1022	5	PLUG, PVC SDR 35 (MALE) PSM (S)	6"	250	EA		
110	65954-1055	5	SEWER CLEAN OUT PLUG (RAISED)	6"	40	EA		
111	65954-1056	5	SEWER CLEAN OUT PLUG (RECESSED)	6"	40	EA		
112	65965-1026	5	INCREASER, ECC PVC SDR35 PSM (G X S)	4" X 6"	100	EA		
113	65965-1059	5	REDUCER, PVC SDR35 PSM (G X G)	6" X 4"	10	EA		
114	65973-1047	5	SEWER, REPAIR CPLG PVC SDR35	6"	100	EA		
115	65973-1086	5	SEWER, PVC WYE SADDLE	8" X 6"	2	EA		
116	65917-1036	5	SEWER BEND, PVC SDR35 (G X G)	6" X 22 1/2 d	30	EA		
117	65917-1037	5	SEWER BEND, PVC SDR35 (G X S)	6" X 22 1/2 d	70	EA		
118	65917-1038	5	SEWER BEND, PVC SDR35 (G X S)	4" X 45 d	35	EA		
119	65917-1039	5	SEWER BEND, PVC SDR35 (G X S)	4" X 22 1/2 d	35	EA		
120	65917-1040	5	SEWER BEND, PVC SDR35 (G X G)	6" X 45 d	35	EA		
121	65917-1041	5	SEWER BEND, PVC SDR35 (G X S)	6" X 45 d	75	EA		
122	65994-1001	5	SEWER, T-WYE, PVC F/SDR 35 (G X G X G)	6" X 6"	200	EA		
123	65994-1002	5	SEWER, T-WYE, PVC F/SDR 35 (G X G X G)	8" X 6"	120	EA		
124	65994-1004	5	SEWER, T-WYE, PVC F/SDR 35 (G X G X G)	8' x 8" x 8"	5	EA		
125	65994-1003	5	SEWER, T-WYE, PVC F/SDR 35 (G X G X G)	10" X 6"	5	EA		
126	65933-1001	5	SEWER CPLG, RUBBER (CL - CI/PVC)	4"	40	EA		
127	65933-1002	5	SEWER CPLG, RUBBER (CL - CI/PVC)	6"	100	EA		
128	65933-1003	5	SEWER CPLG, RUBBER (CL - CI/PVC)	8"	200	EA		
129	65933-1004	5	SEWER CPLG, RUBBER (CL - CI/PVC)	10"	10	EA		
130	65933-1005	5	SEWER CPLG, RUBBER (CL - CI/PVC)	12"	2	EA		
131	65973-1044	5	SEWER CPLG, RUBBER CI/PVC	4"	200	EA		
132	65973-1045	5	SEWER CPLG, RUBBER CI/PVC	6"	200	EA		
133	65973-1046	5	SEWER CPLG, RUBBER CI/PVC	8"	75	EA		
134	65973-1087	5	SEWER, FLEX TAP SADDLE (RUBBER)	6" T 6"-12" D	25	EA		
135	65944-1014	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	3"	40	EA		
136	65944-1015	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	4"	40	EA		
137	65944-1016	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	6"	350	EA		
138	65944-1017	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	8"	350	EA		
139	65944-1018	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	10"	15	EA		
140	65944-1019	6	GLAND DIMJ W/ GASKET, T-BOLTS & NUTS	12"	15	EA		
141	65944-1001	6	GLAND, SPLIT DIMJ	6"	1	EA		
142	65944-1002	6	GLAND, SPLIT DIMJ	8"	1	EA		
143	65944-1003	6	GLAND, SPLIT DIMJ	10"	1	EA		
144	65944-1004	6	GLAND, SPLIT DIMJ	12"	1	EA		
145	65944-1020	6	GLAND, SWIVEL	6"	3	EA		
146	65954-1008	6	PLUG, DIMJ SOLID	4"	1	EA		
147	65954-1009	6	PLUG, DIMJ SOLID	6"	10	EA		
148	65954-1010	6	PLUG, DIMJ SOLID	8"	10	EA		
149	65954-1011	6	PLUG, DIMJ SOLID	10"	2	EA		
150	65954-1012	6	PLUG, DIMJ SOLID	12"	2	EA		
151	65954-1013	6	PLUG, DIMJ SOLID	14"	1	EA		
152	65954-1014	6	PLUG, DIMJ SOLID	16"	1	EA		
153	65954-1015	6	PLUG, DIMJ SOLID	20"	1	EA		
154	65954-1018	6	PLUG, DIMJ TAPPED	6" X 3" IPT	1	EA		
155	65954-1019	6	PLUG, DIMJ TAPPED	6" X 4" IPT	1	EA		
156	65954-1021	6	PLUG, DIMJ TAPPED	10" X 2 1/2" IPT	1	EA		
157	65954-1035	6	PLUG, DIMJ TAPPED	4" X 3" IPT	2	EA		

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Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
158	65954-1040	6	PLUG, DIMJ TAPPED	8" X 3" IPT	2	EA		
159	65973-1096	6	SLEEVE, SOLID DIMJ	3" X 7 1/2"	25	EA		
160	65973-1097	6	SLEEVE, SOLID DIMJ	4" X 7 1/2"	12	EA		
161	65973-1098	6	SLEEVE, SOLID DIMJ	6" X 7 1/2"	25	EA		
162	65973-1099	6	SLEEVE, SOLID DIMJ	6" X 12"	90	EA		
163	65973-1101	6	SLEEVE, SOLID DIMJ	8" X 7 1/2"	110	EA		
164	65973-1102	6	SLEEVE, SOLID DIMJ	8" X 12"	10	EA		
165	65973-1105	6	SLEEVE, SOLID DIMJ	10" X 12"	4	EA		
166	65973-1107	6	SLEEVE, SOLID DIMJ	12" X 12"	2	EA		
167	65973-1108	6	SLEEVE, SOLID DIMJ W/ MJ RESTRAINTS & ACCS	14" X 15"	1	EA		
168	65973-1109	6	SLEEVE, SOLID DIMJ W/ MJ RESTRAINTS & ACCS	16" X 15"	1	EA		
169	65973-1110	6	SLEEVE, SOLID DIMJ W/ MJ RESTRAINTS & ACCS	18" X 15"	1	EA		
170	65973-1111	6	SLEEVE, SOLID DIMJ W/ MJ RESTRAINTS & ACCS	20" X 15"	1	EA		
171	65917-1003	6	BEND, DIMJ	6" X 45 d	8	EA		
172	65917-1006	6	BEND, DIMJ	4" X 90 d	6	EA		
173	65917-1007	6	BEND, DIMJ	6" X 11 1/4 d	4	EA		
174	65917-1008	6	BEND, DIMJ	6" X 22 1/2 d	6	EA		
175	65917-1009	6	BEND, DIMJ	6" X 90 d	20	EA		
176	65917-1042	6	BEND, DIMJ	8" X 11 1/4 d	10	EA		
177	65917-1043	6	BEND, DIMJ	8" X 22 1/2 d	15	EA		
178	65917-1044	6	BEND, DIMJ	8" X 45 d	40	EA		
179	65917-1045	6	BEND, DIMJ	8" X 90 d	40	EA		
180	65917-1047	6	BEND, DIMJ	10" X 11 1/4 d	1	EA		
181	65917-1048	6	BEND, DIMJ	10" X 22 1/2 d	1	EA		
182	65917-1049	6	BEND, DIMJ	10" X 45 d	4	EA		
183	65917-1050	6	BEND, DIMJ	10" X 90 d	1	EA		
184	65917-1051	6	BEND, DIMJ	12" X 11 1/4 d	1	EA		
185	65917-1052	6	BEND, DIMJ	12" X 22 1/2 d	1	EA		
186	65917-1053	6	BEND, DIMJ	12" X 45 d	1	EA		
187	65917-1054	6	BEND, DIMJ	12" X 90 d	1	EA		
188	65917-1059	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	16" X 11-1/4d	1	EA		
189	65917-1060	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	16" X 22-1/2d	1	EA		
190	65917-1061	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	16" X 45 d	1	EA		
191	65917-1067	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	20" X 11 1/4 d	1	EA		
192	65917-1068	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	20" X 22 1/2 d	1	EA		
193	65917-1069	6	BEND, DIMJ W/ MJ RESTRAINTS & ACCS	20" X 45 d	1	EA		
194	65917-1122	6	BEND, DIMJ	3" X 90 d	18	EA		
195	65985-1001	6	TEE, DIMJ	4" X 4"	2	EA		
196	65985-1002	6	TEE, DIMJ	6" X 6"	12	EA		
197	65985-1003	6	TEE, DIMJ	8" X 6"	3	EA		
198	65985-1004	6	TEE, DIMJ	8" X 8"	10	EA		
199	65985-1005	6	TEE, DIMJ	10" X 10"	2	EA		
200	65985-1006	6	TEE, DIMJ	10" X 6"	1	EA		
201	65985-1007	6	TEE, DIMJ	10" X 8"	2	EA		
202	65985-1008	6	TEE, DIMJ	12" X 10"	2	EA		
203	65985-1009	6	TEE, DIMJ	12" X 12"	2	EA		
204	65985-1010	6	TEE, DIMJ	12" X 6"	2	EA		
205	65985-1011	6	TEE, DIMJ	12" X 8"	2	EA		
206	65985-1014	6	TEE, DIMJ W/ MJ RESTRAINTS & ACCS	14" X 14"	1	EA		
207	65985-1015	6	TEE, DIMJ W/ MJ RESTRAINTS & ACCS	14" X 6"	1	EA		
208	65985-1018	6	TEE, DIMJ W/ MJ RESTRAINTS & ACCS	16" X 8"	1	EA		
209	65965-1020	6	REDUCER, DIMJ	6" X 3"	15	EA		
210	65965-1021	6	REDUCER, DIMJ	8" X 3"	2	EA		
211	65965-1027	6	REDUCER, DIMJ	6" X 4"	6	EA		
212	65965-1028	6	REDUCER, DIMJ	8" X 4"	1	EA		
213	65965-1029	6	REDUCER, DIMJ	8" X 6"	15	EA		
214	65965-1030	6	REDUCER, DIMJ	10" X 6"	1	EA		
215	65965-1031	6	REDUCER, DIMJ	10" X 8"	1	EA		
216	65965-1032	6	REDUCER, DIMJ	12" X 6"	1	EA		
217	65965-1033	6	REDUCER, DIMJ	12" X 8"	1	EA		
218	65965-1034	6	REDUCER, DIMJ	12" X 10"	1	EA		
219	65985-1012	6	TEE, DIMJ FIRE HYDRANT	6" X 6"	20	EA		
220	65985-1013	6	TEE, DIMJ FIRE HYDRANT	8" X 6"	15	EA		
221	65985-1037	6	TEE, DIMJ FIRE HYDRANT	10" X 6"	2	EA		

BID FORM
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SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
222	65985-1038	6	TEE, DIMJ FIRE HYDRANT	12" X 6"	2	EA		
223	65954-1028	7	PLUG, FLANGED, BLIND	6"	2	EA		
224	65954-1029	7	PLUG, FLANGED, BLIND	8"	2	EA		
225	65954-1023	7	PLUG, FLANGED DI, TAPPED	3" X 2" IP	30	EA		
226	65954-1024	7	PLUG, FLANGED DI, TAPPED	4" X 2" IP	12	EA		
227	65954-1025	7	PLUG, FLANGED DI, TAPPED	4" X 2 1/2" IP	2	EA		
228	65954-1026	7	PLUG, FLANGED DI, TAPPED	6" X 2 1/2" IP	2	EA		
229	65954-1027	7	PLUG, FLANGED DI, TAPPED	8" X 2 1/2" IP	2	EA		
230	65917-1012	7	BEND, FLANGE DI	10" X 90 d	1	EA		
231	65917-1016	7	BEND, FLANGE DI	6" X 90 d	350	EA		
232	65917-1018	7	BEND, FLANGE DI	8" X 90 d	2	EA		
233	65985-1000	7	TEE, FLANGE DI	3" X 3"	30	EA		
234	65985-1027	7	TEE, FLANGE DI	4" X 4"	12	EA		
235	65985-1028	7	TEE, FLANGE DI	6" X 6"	130	EA		
236	65985-1029	7	TEE, FLANGE DI	8" X 6"	200	EA		
237	65985-1030	7	TEE, FLANGE DI	8" X 8"	2	EA		
238	65985-1031	7	TEE, FLANGE DI	10" X 6"	2	EA		
239	65985-1032	7	TEE, FLANGE DI	10" X 8"	2	EA		
240	65985-1033	7	TEE, FLANGE DI	10" X 10"	2	EA		
241	65985-1034	7	TEE, FLANGE DI	12" X 6"	2	EA		
242	65985-1035	7	TEE, FLANGE DI	12" X 8"	2	EA		
243	65906-1040	8	ADAPTER, FOSTER W/ ACCS	4"	2	EA		
244	65906-1041	8	ADAPTER, FOSTER W/ ACCS	6"	4	EA		
245	65906-1042	8	ADAPTER, FOSTER W/ ACCS	8"	12	EA		
246	65906-1043	8	ADAPTER, FOSTER W/ ACCS	10"	2	EA		
247	65906-1044	8	ADAPTER, FOSTER W/ ACCS	12"	2	EA		
248	65944-1050	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	3"	55	EA		
249	65944-1051	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	4"	20	EA		
250	65944-1052	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	6"	160	EA		
251	65944-1053	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	8"	275	EA		
252	65944-1054	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	10"	25	EA		
253	65944-1055	8a	WEDGE ACTION RESTRAINT DIMJ W/ GASKET, T-BOLTS & NUTS	12"	20	EA		
254	67076-1575	8b	FIRE HYDRANT GRADELOK	6" X 6"	8	EA		
255	67076-1576	8b	FIRE HYDRANT GRADELOK	6" X 12"	6	EA		
256	67076-1577	8b	FIRE HYDRANT GRADELOK	6" X 24"	6	EA		
257	65846-1017	9	PIPE, DISJ (RATED 350 PSI)	4"	10	EA		
258	65846-1018	9	PIPE, DISJ (RATED 350 PSI)	6"	125	EA		
259	65846-1019	9	PIPE, DISJ (RATED 350 PSI)	8"	85	EA		
260	65846-1020	9	PIPE, DISJ (RATED 350 PSI)	10"	5	EA		
261	65846-1021	9	PIPE, DISJ (RATED 350 PSI)	12"	75	EA		
262	65846-1022	9	PIPE, DISJ (RATED 350 PSI)	14"	2	EA		
263	65846-1023	9	PIPE, DISJ (RATED 350 PSI)	16"	2	EA		
264	65846-1024	9	PIPE, DISJ (RATED 350 PSI)	18"	2	EA		
265	65846-1025	9	PIPE, DISJ (RATED 350 PSI)	20"	2	EA		
266	65846-1027	9	PIPE, DISJ (RATED 350 PSI)	3"	30	EA		
267	65860-1002	12	PIPE, PVC (CLASS 200) W/ BELL	2 1/2" X 20'	600'	EA		
268	65860-1003	10	PIPE, PVC SEWER SDR 35 W/ BELL	4" X 14'	390'	EA		
269	65860-1004	10	PIPE, PVC SEWER SDR 35 W/ BELL	6" X 14'	5018'	EA		
270	65860-1005	10	PIPE, PVC SEWER SDR 35 W/ BELL	8" X 14'	559'	EA		
271	65860-1006	10	PIPE, PVC SEWER SDR 35 W/ BELL	12" X 14'	26'	EA		
272	65860-1007	10	PIPE, PVC SEWER SDR 35 W/ BELL	10" X 14'	52'	EA		
273	65860-1009	12	PIPE, PVC (CLASS 200) W/ BELL	2" X 20'	200'	EA		
274	65860-1010	12	PIPE, PVC (SCH 40 DWV)	4" X 20'	100'	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
275	89030-1002	13	SEWER, MANHOLE COVER, VULCAN V-2480-1		10	EA		
276	89030-1003	13	SEWER, MANHOLE RING & COVER VULCAN V-2480-1		50	EA		
277	89040-1012	14	TOP, VALVE BOX (SCREW TYPE) DOMESTIC	24" - 36"	100	EA		
278	89040-1013	14	EXT, VALVE BOX (RITE-HITE ADPT) DOMESTIC	2" TO 8"	250	EA		
279	89040-1014	14	LID, VALVE BOX DOMESTIC	N/A	50	EA		
280	89040-1015	14	VALVE BOX (COMPLETE) DOMESTIC	24" - 36"	170	EA		
281	65822-1001	15	TUBING, COPPER "K" TYPE, 60'	3/4"	230-r1	FT		
282	65822-1002	15	TUBING, COPPER "K" TYPE, 60'	1"	135-r1	FT		
283	65822-1005	15	TUBING, COPPER "K" TYPE, 100'	3/4"	20-r1	FT		
284	65822-1006	15	TUBING, COPPER "K" TYPE, 100'	1"	12-r1	FT		
285	65822-1007	15	TUBING, COPPER "K" TYPE, 60"	1-1/2"	5-r1	FT		
286	65822-1008	15	TUBING, COPPER "K" TYPE, 60"	2"	5-r1	FT		
287	65973-1001	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	4" X 1"	6	EA		
288	65973-1002	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	6" X 3/4"	30	EA		
289	65973-1003	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	6" X 1"	24	EA		
290	65973-1004	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	6" X 1 1/2"	2	EA		
291	65973-1005	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	6" X 2"	2	EA		
292	65973-1006	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	8" X 3/4"	12	EA		
293	65973-1007	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	8" X 1"	20	EA		
294	65973-1008	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	8" X 1 1/2"	2	EA		
295	65973-1009	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	8" X 2"	4	EA		
296	65973-1011	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	10" X 1"	2	EA		
297	65973-1012	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	10" X 1 1/2"	2	EA		
298	65973-1013	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	10" X 2"	2	EA		
299	65973-1014	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	12" X 3/4"	4	EA		
300	65973-1015	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	12" X 1"	2	EA		
301	65973-1016	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	12" X 1 1/2"	2	EA		
302	65973-1017	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	12" X 2"	2	EA		
303	65973-1024	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	16" X 1"	4	EA		
304	65973-1025	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	16" X 2"	2	EA		
305	65973-1026	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	14" X 1"	2	EA		
306	65973-1027	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	14" X 2"	2	EA		
307	65973-1033	16	SADDLE, SINGLE STRAP AWWA, (A/ CONC - D/ IRON)	1 1/2" X 3/4"	12	EA		
308	65973-1034	16	SADDLE, SINGLE STRAP AWWA, (A/ CONC - D/ IRON)	2 1/2" X 1"	20	EA		
309	65973-1040	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	20" X 2"	1	EA		
310	65973-1042	16	SADDLE, DOUBLE STRAP AWWA, (A/ CONC - D/ IRON)	20" X 1"	2	EA		
311	65973-1116	17	SLEEVE, TAPPING DIMJ	6" X 4"	1	EA		
312	65973-1117	17	SLEEVE, TAPPING DIMJ	6" X 6"	10	EA		
313	65973-1118	17	SLEEVE, TAPPING DIMJ	8" X 4"	1	EA		
314	65973-1119	17	SLEEVE, TAPPING DIMJ	8" X 6"	8	EA		
315	65973-1120	17	SLEEVE, TAPPING DIMJ	8" X 8"	12	EA		
316	65973-1121	17	SLEEVE, TAPPING DIMJ	10" X 6"	1	EA		
317	65973-1122	17	SLEEVE, TAPPING DIMJ	10" X 8"	2	EA		
318	65973-1124	17	SLEEVE, TAPPING DIMJ	12" X 6"	3	EA		
319	65973-1125	17	SLEEVE, TAPPING DIMJ	12" X 8"	10	EA		
320	65973-1126	17	SLEEVE, TAPPING DIMJ	12" X 10"	1	EA		
321	65973-1127	17	SLEEVE, TAPPING DIMJ	12" X 12"	1	EA		
322	65973-1128	17	SLEEVE, TAPPING DIMJ	14" X 6"	1	EA		
323	65973-1129	17	SLEEVE, TAPPING DIMJ	14" X 8"	1	EA		
324	65973-1131	17	SLEEVE, TAPPING DIMJ	16" X 6"	1	EA		
325	65973-1132	17	SLEEVE, TAPPING DIMJ	16" X 8"	2	EA		
326	65973-1136	17	SLEEVE, TAPPING DIMJ	20" X 6"	1	EA		
327	65973-1137	17	SLEEVE, TAPPING DIMJ	20" X 8"	2	EA		
328	65973-1139	17	SLEEVE, TAPPING DIMJ	20" X 12"	1	EA		
329	67068-1102		VALVE, GATE, RESILIENT WEDGE, FIP X FIP (W/ 2" OPERATING NUT)	2 1/2"		EA		
330	67068-1056	18	VALVE, TAPPING, RESILIENT WEDGE, TAP X MJ W/ TAP ACCS & MJ GLAND & ACCS	4"	1	EA		
331	67068-1057	18	VALVE, TAPPING, RESILIENT WEDGE, TAP X MJ W/ TAP ACCS & MJ GLAND & ACCS	6"	20	EA		
332	67068-1058	18	VALVE, TAPPING, RESILIENT WEDGE, TAP X MJ W/ TAP ACCS & MJ GLAND & ACCS	8"	30	EA		
333	67068-1059	18	VALVE, TAPPING, RESILIENT WEDGE, TAP X MJ W/ TAP ACCS & MJ GLAND & ACCS	10"	2	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
334	67068-1060	18	VALVE, TAPPING, RESILIENT WEDGE, TAP X MJ	12"	1	EA		
			W/ TAP ACCS & MJ GLAND & ACCS					
335	67068-1044	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	3"	1	EA		
			W/ MJ GLAND & ACCS					
336	67068-1045	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	4"	1	EA		
			W/ MJ GLAND & ACCS					
337	67068-1046	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	6"	40	EA		
			W/ MJ GLAND & ACCS					
338	67068-1047	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	8"	24	EA		
			W/ MJ GLAND & ACCS					
339	67068-1048	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	10"	2	EA		
			W/ MJ GLAND & ACCS					
340	67068-1049	19	VALVE, GATE RESILIENT WEDGE, MJ X MJ	12"	2	EA		
			W/ MJ GLAND & ACCS					
341	67068-1037	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	3"	30	EA		
			W/ HANDWHEEL					
342	67068-1038	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	4"	16	EA		
			W/ HANDWHEEL					
343	67068-1039	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	6"	170	EA		
			W/ HANDWHEEL					
344	67068-1040	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	8"	200	EA		
			W/ HANDWHEEL					
345	67068-1041	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	10"	6	EA		
			W/ HANDWHEEL					
346	67068-1042	20	VALVE, GATE, RESILIENT WEDGE, FLG X FLG	12"	6	EA		
			W/ HANDWHEEL					
347	67068-1009	24	VALVE, BRONZE GATE, FIP X FIP	3/4"	4	EA		
348	67068-1010	24	VALVE, BRONZE GATE, FIP X FIP	1"	4	EA		
349	67068-1011	24	VALVE, BRONZE GATE, FIP X FIP	1-1/4"	10	EA		
350	67068-1012	24	VALVE, BRONZE GATE, FIP X FIP	1-1/2"	16	EA		
351	67068-1013	24	VALVE, BRONZE GATE, FIP X FIP	2"	60	EA		
352	67068-1014	24	VALVE, BRONZE GATE, FIP X FIP	2-1/2"	60	EA		
353	67068-1015	24	VALVE, BRONZE GATE, FIP X FIP	3"	2	EA		
354	67068-1018	24	VALVE, BRONZE W/ T-HANDLE, MIP INLET X HOSE EN	3/4"	30	EA		
355	67068-1016	24	VALVE, DUAL CHECK	3/4"	4000	EA		
356	67068-1017	24	VALVE, DUAL CHECK	1"	325	EA		
357	67068-1072	24	VALVE, DUAL CHECK	3/4"	25	EA		
			W/ BALL VALVES & "Y" STRAINER 40-114-T2					
358	67068-1073	24	VALVE, DUAL CHECK	1"	50	EA		
			W/ BALL VALVES & "Y" STRAINER 40-115-T2					
359	67058-C001	25	GASKET, RUBBER TRANSITION MJ	3"	20	EA		
360	67058-C001	25	GASKET, RUBBER MJ	3"	20	EA		
361	67058-C002	25	GASKET, RUBBER TRANSITION MJ	4"	30	EA		
362	67058-C002	25	GASKET, RUBBER MJ	4"	20	EA		
363	67058-C003	25	GASKET, RUBBER TRANSITION MJ	6"	50	EA		
364	67058-C003	25	GASKET, RUBBER MJ	6"	50	EA		
365	67058-C004	25	GASKET, RUBBER TRANSITION MJ	8"	50	EA		
366	67058-C004	25	GASKET, RUBBER MJ	8"	50	EA		
367	67058-C005	25	GASKET, RUBBER TRANSITION MJ	10"	20	EA		
368	67058-C005	25	GASKET, RUBBER MJ	10"	20	EA		
369	67058-C006	25	GASKET, RUBBER TRANSITION MJ	12"	20	EA		
370	67058-C006	25	GASKET, RUBBER MJ	12"	10	EA		
371	67058-1020	25	GASKET, FIELD LOCK SJ	6"	20	EA		
372	67058-1021	25	GASKET, FIELD LOCK SJ	8"	30	EA		
373	67058-1022	25	GASKET, FIELD LOCK SJ	10"	6	EA		
374	67058-1023	25	GASKET, FIELD LOCK SJ	12"	4	EA		
375	67058-1024	25	GASKET, FIELD LOCK DIMJ	4"	4	EA		
376	67058-1025	25	GASKET, FIELD LOCK DIMJ	6"	2	EA		
377	67058-1026	25	GASKET, FIELD LOCK DIMJ	8"	2	EA		
378	67058-1027	25	GASKET, FIELD LOCK DIMJ	10"	2	EA		
379	67058-1028	25	GASKET, FIELD LOCK DIMJ	12"	2	EA		
			NO SUBS FOR AY McDONALD METER RESETTERS					
			ALL FITTINGS MUST BE FULL PORT					

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
380	89044-1753	28	RESETTER, BRASS METER W/ 3/4" DUAL CHECK McDONALD #10-203NNH-X72	3/4"	1000	EA		
381	89045-1010	28	RESETTER, BRASS METER McDONALD #18-212JX	3/4" X 12"	40	EA		
382	89045-1011	28	RESETTER, BRASS METER McDONALD #18-218JX	3/4" X 18"	18	EA		
383	89045-1012	28	RESETTER, BRASS METER McDONALD #18-224JX	3/4" X 24"	10	EA		
384	89045-1013	28	RESETTER, BRASS METER McDONALD #18-412-JX	1" X 12"	8	EA		
385	89045-1014	28	RESETTER, BRASS METER McDONALD #18-418-JX	1" X 18"	2	EA		
386	89045-1015	28	RESETTER, BRASS METER McDONALD #18-424-JX	1" X 24"	2	EA		
387	89045-1026	28	RESETTER, BRASS METER W/ 3/4" DUAL CHECK McDONALD #17-204JD	3/4" X 4"	4000	EA		
ALL FITTINGS MUST BE FULL PORT & PACK JOINT WHERE APPLICABLE								
*** NO GRIP JOINT ***								
388	67064-1001	29	BALL CURB STOP, PEP X FIP, W/ STIFFNER	3/4"	500	EA		
389	67064-1002	29	BALL CURB STOP, PEP X FIP, W/ STIFFNER	1"	100	EA		
390	67064-1003	29	BALL CURB STOP, FIP X FIP	3/4"	150	EA		
391	67064-1004	29	BALL CURB STOP, FIP X FIP	1"	300	EA		
392	67064-1005	29	BALL CURB STOP, FLR X FIP	3/4"	250	EA		
393	67064-1006	29	BALL CURB STOP, CTS X FIP	3/4"	1100	EA		
394	67064-1007	29	BALL CURB STOP, FLR X FIP	1"	25	EA		
395	67064-1010	29	BALL CURB STOP, FIP X FIP	1-1/2"	35	EA		
396	67064-1011	29	BALL CURB STOP, FIP X FIP	2"	80	EA		
397	67068-1084	29	BALL CURB STOP, FLG X FIP	1-1/2"	120	EA		
398	67068-1085	29	BALL CURB STOP, FLG X FIP	2"	140	EA		
399	67068-1086	29	BALL CURB STOP, FLG X CTS	1-1/2"	30	EA		
400	67068-1087	29	BALL CURB STOP, FLG X CTS	2"	20	EA		
401	67068-1001	29	BALL CORP STOP, AWWA X FLR	3/4"	100	EA		
402	67068-1002	29	BALL CORP STOP, AWWA X FLR	1"	40	EA		
403	67068-1003	29	BALL CORP STOP, AWWA X MIP	1 1/2"	5	EA		
404	67068-1004	29	BALL CORP STOP, AWWA X MIP	2"	4	EA		
405	67068-1005	29	BALL CORP STOP, AWWA X PEP W/ STIFFNER	3/4"	35	EA		
406	67068-1006	29	BALL CORP STOP, AWWA X PEP W/ STIFFNER	1"	25	EA		
407	65987-1001	30	UNION, CTS X CTS	3/4"	130	EA		
408	65987-1002	30	UNION, CTS X CTS	1"	50	EA		
409	65987-1003	30	UNION, FLR X FLR	3/4"	10	EA		
410	65987-1004	30	UNION, FLR X FLR	1"	6	EA		
411	65987-1005	30	UNION, CTS X CTS	1-1/2"	2	EA		
412	65987-1006	30	UNION, CTS X CTS	2"	5	EA		
413	65906-1004	30	COUPLING, CTS X FIP	3/4"	495	EA		
414	65906-1005	30	COUPLING, CTS X FIP	1"	300	EA		
415	65906-1006	30	COUPLING, FLR X FIP	3/4"	50	EA		
416	65906-1007	30	COUPLING, FLR X FIP	1"	75	EA		
417	65906-1008	30	COUPLING, PEP X MIP W/ STIFFNER	3/4"	200	EA		
418	65906-1009	30	COUPLING, CTS X MIP	3/4"	1000	EA		
419	65906-1010	30	COUPLING, PEP X MIP W/ STIFFNER	1"	225	EA		
420	65906-1011	30	COUPLING, CTS X MIP	1"	425	EA		
421	65906-1012	30	COUPLING, FLR X MIP	3/4"	50	EA		
422	65906-1013	30	COUPLING, FLR X MIP	1"	30	EA		
423	65906-1014	30	COUPLING, WYE, MIP X FLR X FLR	1"X 3/4" X 3/4"	20	EA		
424	65906-1045	30	COUPLING, CTS X FIP	1-1/2"	10	EA		
425	65906-1050	30	COUPLING, CTS X FIP	2"	10	EA		
426	65906-1055	30	COUPLING, CTS X MIP	1-1/2"	45	EA		
427	65906-1066	30	COUPLING, CTS X MIP	2"	65	EA		
428	65906-1090	30	BEND, 90d CTS X CTS	1-1/2"	2	EA		
429	65906-1091	30	BEND, 90d CTS X CTS	2"	2	EA		
430	65906-1002	30	2" MIP X 2-1/2" FNST SWIVEL ADAPTOR	2" X 2-1/2"	20	EA		
431	65906-1003	30	2" MIP X 2-1/2" MNST ADAPTOR	2" X 2-1/2"	20	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
SEALED BID #12-5606

Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
432	89040-1003	31	LID, C/ IRON (VESTAL) #F4 W/ CCWS *NO SUBS*		2000	EA		
433	89030-1008	13	CLEANOUT, SEWER W/ EBAA IRON COVER (CARSON) #MSCO-3, 13" HEX - 16" DEEP *NO SUBS*		35	EA		
434	89040-1004	31	BOX, METER (CARSON) #1015-12 *NO SUBS*		2000	EA		
435	89040-1005	31	EXT, METER BOX (CARSON) FITS #1015-12	3"	285	EA		
436	89040-1006	31	EXT, METER BOX (CARSON) FITS #1015-12	6"	180	EA		
437	89040-1010	31	BOX, TRAFFIC METER W/ SOLID DI LID (CARSON) #MSCBF-1118-12XL *NO SUBS*		75	EA		
438	89040-1020	31	BOX, METER HDPE BLACK BODY W/ LOOP BRACE (LPC TWO PIECE COVER W/ "CCWS") *NO SUBS*	36" X 60" X 30"	4	EA		
439	89040-1025	31	BOX, METER HDPE BLACK BODY W/ LOOP BRACE (LPC ONE PIECE COVER W/ "CCWS") *NO SUBS*	24" X 36" X 18"	150	EA		
440	89040-1041	31	BOX, METER (CARSON) #1419-12 (IRRG GREEN)		50	EA		
441	89040-1042	31	LID, METER BOX (CARSON) #1419-3 (IRRG GREEN)		50	EA		

BID FORM
PURCHASE OF WATER / SEWER PIPE, VALVES FITTINGS
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Line #	Commodity Code	CLS	STOCK ITEM DESCRIPTION	SIZE	EST. QTY	Unit of Measure	Manufacture	Unit cost
442	89040-1043	31	BOX, METER (CARSON) #1220-12 (IRRG GREEN)		50	EA		
443	89040-1044	31	LID, METER BOX (CARSON) #1220-3 (IRRG GREEN)		50	EA		
444	67052-1001	34	CLAMP, BELL JOINT LEAK	6"	2	EA		
445	67052-1002	34	CLAMP, BELL JOINT LEAK	8"	2	EA		
446	67052-1003	34	CLAMP, BELL JOINT LEAK	10"	2	EA		
447	67052-1004	34	CLAMP, BELL JOINT LEAK	12"	2	EA		
448	67052-1005	34	CLAMP, BELL JOINT LEAK	14"	2	EA		
449	67052-1006	34	CLAMP, BELL JOINT LEAK	16"	2	EA		
450	67052-1007	34	CLAMP, BELL JOINT LEAK	18"	2	EA		
451	67052-1008	34	CLAMP, BELL JOINT LEAK	20"	2	EA		
452	67052-1057	35	COUPLING ANCHOR, DI	6" X 13"	65	EA		
453	67052-1058	35	COUPLING ANCHOR, DI	6" X 36"	10	EA		
454	67052-1059	35	COUPLING ANCHOR, DI	8" X 13"	60	EA		
455	65906-1022	36	COUPLING, FLANGE ADPT	6"	200	EA		
456	65906-1023	36	COUPLING, FLANGE ADPT	8"	80	EA		
457	65906-1024	36	COUPLING, FLANGE ADPT	10"	2	EA		
458	65906-1025	36	COUPLING, FLANGE ADPT	12"	2	EA		
459	89045-1001	39	METER, LOCK DEVICE BRASS (CAP & COLLAR)	3/4"	600	EA		
460	89045-1002	39	METER, LOCK DEVICE BRASS (CAP & COLLAR)	1"	100	EA		
461	67058-C007	40	WASHER, METER RUBBER (100PK)	3/4" X 1/16	10M	EA		
462	67058-C008	40	WASHER, METER RUBBER (100PK)	3/4" X 1/32	10M	EA		
463	67058-C009	40	WASHER, METER RUBBER (100PK)	3/4" X 1/8	10M	EA		
464	67058-C010	40	WASHER, METER RUBBER (100PK)	1" X 1/16	5M	EA		
465	67058-C011	40	WASHER, METER RUBBER (100PK)	1" X 1/32	5M	EA		
466	67058-C012	40	WASHER, METER RUBBER (100PK)	1" X 1/8	5M	EA		
467	89045-1003	41	CONNECTOR, METER BRASS	3/4" X 2 1/2"	6000	EA		
468	89045-1004	41	CONNECTOR, METER BRASS	1" X 2 5/8"	300	EA		
469	89030-1030	41	CONNECTOR, METER BRASS	3/4" X 8.5"	25	EA		
470	89030-1031	41	CONNECTOR, METER BRASS	1" X 8.5"	50	EA		
471	89045-1005	42	CONNECTOR, METER (C/ IRON FLG)	1 1/2"	2	EA		
472	89045-1006	42	CONNECTOR, METER (C/ IRON FLG)	2"	6	EA		
473	89045-1008	42	CONNECTOR, METER (C/ IRON FLG)	3"	2	EA		
474	89045-1009	42	CONNECTOR, METER (C/ IRON FLG)	4"	2	EA		
475	65846-1001	43	PIPE, D/ IRON FLG X PE (#125)	3" X 3'	30	EA		
476	65846-1002	43	PIPE, D/ IRON FLG X PE (#125)	4" X 4'	12	EA		
477	65846-1003	43	PIPE, D/ IRON FLG X PE (#125)	6" X 6'	200	EA		
478	65846-1005	43	PIPE, D/ IRON FLG X PE (#125)	6" X 8'	6	EA		
479	65846-1006	43	PIPE, D/ IRON FLG X PE (#125)	8" X 8'	150	EA		
480	65846-1008	43	PIPE, D/ IRON FLG X PE (#125)	10" X 8'	6	EA		
481	65846-1010	43	PIPE, D/ IRON FLG X PE (#125)	12" X 8'	2	EA		
482	65846-1013	43	SPOOL PIECE, FLG (METER)	3" X 11 3/4"	2	EA		
483	65846-1014	43	SPOOL PIECE, FLG (METER)	4" X 14 3/4"	2	EA		
484	65846-1015	43	SPOOL PIECE, FLG (METER)	6" X 12"	4	EA		
485	65846-1016	43	SPOOL PIECE, FLG (METER)	8" X 13"	2	EA		
486	65880-1006	45	PIPE, GLV STEEL (DOMESTIC)	2" X 21'	6	EA		
487	65880-1007	45	PIPE, GLV STEEL (DOMESTIC)	2 1/2" X 21'	6	EA		
488	32083-1029		ROD, THREADED	5/8"-11 X 10'	65	EA		
489	32083-1030		ROD, THREADED	3/4"-10 X 10'	360	EA		
490	67005-1001		CEMENT, PVC HEAVY DUTY (CLEAR)	QUART	132	EA		
491	67005-1002		PRIMER, PVC PURPLE (INDUSTRIAL GRADE)	QUART		EA		
492	67006-1001		COMPOUND, PIPE JOINT W/ TEFLON	QUART	36	EA		
493	67059-1001		CEMENT, FAST DRYING HYDRAULIC (SEWER PLUG)	5 GAL	55	EA		

COMPANY NAME _____