

GENERAL CONDITIONS FOR WATER FITTINGS AND ACCESSORIES JANUARY 2025

I. CONTRACT PERIOD

The period of this contract will be for **one-hundred eighty (180) days** from the date the bid is awarded. This contract may be renewed for up to **three (3) years** from the initial award date upon the agreement of both parties. The bid price will remain firm during the period of the contract. A W-9 and E-verify will be required before the bid is awarded. We request that you submit a completed W-9 and E-verify documentation with your bid packet. If you do not include the W-9 and E-Verify with your bid and your bid is to be awarded, Shelby County Water Services will contact you by the email provided in your bid packet and request the completed W-9 and E-Verify be submitted within 3 business days.

Steps to provide your E-Verify

- a. If you **do not have any physical employees in the State of Alabama**, you may submit a signed statement on letterhead in place of the E-Verify.
- b. If your company hasn't already, enroll in E-Verify at e-verify.gov
- c. If you are newly enrolling, you will have an opportunity at the end to print an MOU (Memorandum of Understanding) or check to see if your company printed and saved their MOU when they established the account. If you don't have the MOU, follow step d.
- d. You can Log into your E-verify account. Go to Company. Select Edit Company Profile. This will show your information. Print this page as proof of enrollment.

II. DELIVERY

Deliveries shall be made within seven (7) working days from the order date. The vendor shall notify Shelby County Water Services personnel (the person who ordered the product) of any problems in meeting the mandatory seven (7) working day deadline. The vendor must schedule a specific delivery day and time with personnel if the deadline is not met. Excessive failure to deliver within seven (7) working days shall be grounds for rejection of the vendor for future purchases at the sole discretion of Shelby County.

All quoted prices shall include delivery charges. Deliveries shall be made to the following locations: ****PLEASE NOTE NEW ADDRESS FOR FIELD OPERATIONS OFFICE**** **Please do not send or deliver items to the old Columbiana address**

**Shelby County Field Operations Office
10927 US Highway 280
Sterrett, AL 35147**

**Shelby County Booster Station B-2-N
10610 Old Hwy 280
Sterrett, AL 35147**

III. **BILLING**

Billing and payments shall be based solely on the quantity of items received, noted on the receiving ticket, and the vendor's stated bid price. **The product shall be billed based on the signed receiving ticket for items received, and all prices shall include shipping.** Shelby County Water Services requires a Purchase Order for every order placed. Shelby County Water Services is tax-exempt.

All invoices shall be billed to: ****PLEASE NOTE NEW ADDRESS****

**Shelby County Water Services
10927 US Highway 280
Sterrett, AL 35147**

ap-water-landfill@shelbyal.com - preferred delivery method

IV. **ESTIMATED ANNUAL USE**

Products will be ordered on an **AS-NEEDED** basis.

V. **BID QUALIFICATIONS**

All BIDDERS must submit product information with bids. Information to be submitted must show that the product proposed meets all the specifications listed in the Bid Specifications and list **ALL EXCEPTIONS** to the specifications in a separate document. Failure to submit these exceptions may be cause for disqualification.

VI. **METHOD OF AWARD**

The intention is to award this bid to one supplier on a Total basis for Groups 1-4. Failure to provide a bid price for all items within a Group will be cause for disqualification of the bid for that entire Group. However, the Shelby County Commission reserves the right to award separate contracts for each group or combination of groups if it is in the best interest of the Shelby County Commission. Successful bidders are required to provide any or all items within the Group awarded at the unit prices offered in the bid. Unit prices shall be firm, and no increase in price shall be allowed during the one-hundred eighty (180) days that the award is in effect. Failure to furnish any item within the Group at the bid price during the one-hundred eighty (180) day award period may be cause for disqualification from future bid processes for the Group of items awarded. Group 5 will be awarded to the vendor or vendors that are awarded any of Groups 1-4 and submit information for this bid.

QUOTATION SHEET
Shelby County Water Services
BID: WATER FITTINGS AND ACCESSORIES
January 2025

ALL PRICES QUOTED SHALL INCLUDE APPLICABLE DELIVERY FEES

THE UNDERSIGNED OFFERS THESE PRICES, TERMS, AND DELIVERY AS PER BID SPECIFICATIONS:

COMPANY NAME: _____

CONTACT (Please Print): _____

SIGNATURE: _____

COMPANY ADDRESS: _____

PHONE: _____

E-MAIL: _____

*FOR BID AWARD NOTIFICATION, BILLING DISCREPANCIES, OR INVOICE ISSUES, PLEASE PROVIDE
THE BILLING MANAGER'S DIRECT CONTACT INFORMATION*

BILLING MANAGER'S NAME: _____

BILLING MANAGER'S PHONE NUMBER: _____

BILLING MANAGER'S EMAIL: _____

**BIDS SUBMITTED ARE FIRM AND NO CLAIMS FOR ERRORS WILL BE MADE AFTER BIDS ARE
OPENED AND SUBSEQUENT THEREOF.**

DON'T FORGET to enclose the following with your bid.

Product Information Paperwork requested in the Bid Specifications

Completed W-9

E-Verify documentation

Sworn to and subscribed before me this
the _____ day of _____,

_____, Notary Public

My Commission Expires: _____

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
1	1" Angle Curb Stops - Ford BA43-444W or Equal	400				
2	1" Back Flow Preventor With Meter Connector Attached Watts 710U2 or Equal	400				
3	1" Brass Ball Type Corporation Stop -Ford FB10004 or Equal	400				
4	1" Brass Ball Valves Screw Joint - NIBCO T580 or Equal	25				
5	1" Brass Coupling - Iron Pipe Threads - Merit or Equal	50				
6	1" Brass Meter Coupling, Ford C38-44-2.625 or Equal	800				
7	1" Brass Unions - Merit or Equal	20				
8	1" Compression L or 90 - Ford L44-44 or Equal (Elbow)	250				
9	1" Compression Tees - ford T444-444Q or Equal	25				
10	1" Compression To Compression Coupling - Ford C44-44 or Equal	100				
11	1" Compression To Female Coupling - Ford C14-44 or Equal	75				
12	1" Compression To Male Coupling - Ford C84-44 or Equal	75				
13	1" Copper Crimp Rings	2				
14	1" CORP G NUT ASSEMBLY	50				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
15	1" EXPANSION COUPLING	100				
16	1" FEMALE ADAPTOR FOR PVC	25				
17	1" Grip Joint - Gasket/Nut Assembly - Ford GJN 4-4	200				
18	1" High Pressure Regulator (75-125psi) Watts 25AUB-HP or Equal	400				
19	1" MALE THREAD X 3/4" PEX FITTING	25				
20	1" Meter Adapters - Ford A-34 or Equal	800				
21	1" O-Ring - Watts # 1101930	100				
22	1" Pack Joint - Gasket/Nut Assembly - Ford NG-F4	200				
23	1" PEXa Water Service Line, 100' coils, per foot	200				
24	1" PVC 90 Bend	10				
25	1" PVC COUPLING	50				
26	1" PVC Tees	10				
27	1" Repair Clamps Ford Style FLSC-113-3R	50				
28	1" Stainless Steel Inserts for PEXa Water Line (PEX ftg)	100				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
29	1" Straight Curb Stop - Ford B43-444W or Equal	25				
30	1" Union Tailpiece - Watts # 1139960	100				
31	1" x 1/16" Rubber Washers	1000				
32	1" x 1/8" Rubber Washers	1000				
33	1" x 12" Resetter - Ford VHH44 - 12 W	10				
34	1" x 15" Resetter - Ford VHH44 - 15 W	10				
35	1" x 18" Resetter - Ford VHH44 - 18W	10				
36	1" x 2" Brass Nipple - Trenton or Equal	25				
37	1" x 3" Brass Nipple - Trenton or Equal	25				
38	1" x 3/4" Back Flow Preventor With Meter Connector Attached Watts 710U2 or Equal	400				
39	1" x 3/4" Brass Bushings - Merit or Equal	100				
40	1" x 4" Brass Nipple - Trenton or Equal	25				
41	1" x 5" Brass Nipple - Trenton or Equal	25				
42	1" x 6" Brass Nipple - Trenton or Equal	25				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
43	1" x Close Brass Nipple - Trenton or Equal	800				
44	12GA TRACER WIRE (price per foot)	1000				
45	2" 90 Degree Brass Elbows	40				
46	2" Back Flow Preventor With Meter Connector Attached Watts 007QT or Equal	10				
47	2" Brass 45 Degree Fitting (Elbow)	20				
48	2" Brass Ball Type Corporation Stop - Ford FB10007 or Equal	10				
49	2" Brass Ball Valves Screw Joint	10				
50	2" Brass Coupling - Iron Pipe Threads - Merit or Equal	25				
51	2" Brass Meter Coupling, Ford C38-77-3.0625 or Equal	20				
52	2" Brass Tee	40				
53	2" Brass Unions - Merit or Equal	10				
54	2" Bronze Gate Valves Screw Joint - NIBCO T113 or Equal	25				
55	2" Compression to Compression Coupling - Ford C44-77 or Equal	40				
56	2" Compression to Female for PVC (Adapter)	10				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
57	2" Compression to Male for PVC (Adapter)	10				
58	2" CURB STOPS FLANGE X COMPRESSION - IPS	10				
59	2" Double Check Repair Kit (complete) Watts 0887192 (Valve)	50				
60	2" Double Check Repair Kit (rubbers only) Watts 0887188 (Valve)	50				
61	2" Dual Check Valve - Ford HFS31-777 or Equal	10				
62	2" Flange Bolts, Nuts and Washers	40				
63	2" High Pressure Regulator (75-125psi) Watts 25AUB-HP or Equal	10				
64	2" INSERTS FOR HDPE - IPS	100				
65	2" IPS Female Compression x CTS (Adapter)	10				
66	2" IPS Male Compression x CTS (Adapter)	10				
67	2" I 2500 Resilient Wedge Gate Valve, NRS with 2" Operating Nut, Screw Joint or Equal	10				
68	2" Meter Adapter Kits (Flange Type) Ford CF31-77 or Equal	25				
69	2" Repair Clamps Ford Style FLSC-213-6R	24				
70	2" Threaded Brass Cap	50				

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BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
71	2" x 1" Brass Bushings	20				
72	2" x 12 1/2" Repair Clamp for PVC FF1263125	10				
73	2" x 12" Brass Nipple - Trenton or Equal	25				
74	2" x 2" Brass Nipple - Trenton or Equal	25				
75	2" x 24" Brass Nipple - Trenton or Equal	25				
76	2" x 3" Brass Nipple - Trenton or Equal	25				
77	2" x 3/4" Brass Bushings	20				
78	2" x 36" Brass Nipple - Trenton or Equal	6				
79	2" x 4" Brass Nipple - Trenton or Equal	25				
80	2" x 48" Brass Nipple - Trenton or Equal	6				
81	2" x 6" Brass Nipple - Trenton or Equal	25				
82	2" x 7 1/2" Repair Clamp for PVC FF126375	10				
83	2" x Close Brass Nipple - Trenton or Equal	25				
84	3" x 12 1/2" Repair Clamp for PVC FF1370125	10				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
85	3" x 7 1/2" Repair Clamp for PVC FF137075	10				
86	3/4" Angle Curb Stops - Ford BA43-332W or Equal	25				
87	3/4" Brass Ball Type Corporation Stop - Ford FB10003 or Equal	25				
88	3/4" Brass Ball Valves Screw Joint - NIBCO T580 or Equal	25				
89	3/4" Brass Coupling - Iron Pipe Threads - Merit or Equal	50				
90	3/4" Brass Meter Coupling, Ford C38-23-2.5 or Equal	800				
91	3/4" Brass Unions - Merit or Equal	20				
92	3/4" Compression Coupling - Ford C44-33 or Equal	50				
93	3/4" Copper Crimp Rings	10				
94	3/4" FEMALE ADAPTER FOR PVC	50				
95	3/4" Female to Compression Coupling - Ford C14-33 or Equal	25				
96	3/4" FEMALE X PEX	10				
97	3/4" Grip Joint - Gasket/Nut Assembly - Ford GJN 4-3	200				
98	3/4" High Pressure Regulator (75-125psi) Watts 25AUB-HP or Equal	400				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
99	3/4" Male to Compression Coupling - Ford C84-33 or Equal	25				
100	3/4" MALE X PEX	10				
101	3/4" Meter Adapters - Ford A-14 or Equal	800				
102	3/4" O-Ring - Watts # 1101192	100				
103	3/4" Pack Joint - Gasket/Nut Assembly - Ford NG-D4	200				
104	3/4" PEXa Water Service Line, 100' coils, per foot	200				
105	3/4" PVC Couplings	50				
106	3/4" Repair Clamps Ford Style FLSC-088-3R	50				
107	3/4" Stainless Steel Inserts for PEXa Water Service Line (PEX ftg)	100				
108	3/4" Straight Curb Stop - Ford B43-332W or Equal	10				
109	3/4" Union Tailpiece - Watts # 1139959	100				
114	3/4" x 1" Compression Tee - Ford T444-334 or Equal	25				
115	3/4" x 1/16" Rubber Washers	1000				
116	3/4" x 1/8" Rubber Washers	1000				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
117	3/4" x 1-1/4" Brass Bushings	50				
118	3/4" x 2" Brass Bell Reducer - Merit or Equal	10				
119	3/4" x 2" Brass Nipple - Trenton or Equal	40				
120	3/4" x 3" Brass Nipple - Trenton or Equal	25				
121	3/4" x 4" Brass Nipple - Trenton or Equal	25				
122	3/4" x 5" Brass Nipple - Trenton or Equal	25				
123	3/4" x Close Brass Nipple - Trenton or Equal	800				
129	5/8" x 3/4" x 12" Resetter - Ford VHH42 -12W	10				
131	5/8" x 3/4" x 15" Resetter - Ford VHH42 -15W	10				
132	5/8" x 3/4" x 18" Resetter - Ford VHH42 -18W	10				
134	6" X 2" TAP CAP FOR DI	1				
135	8" X 2" TAP CAP FOR DI	1				
136	BLUE MARKING PAINT (price per can)	50				
137	PIPE LUBE 1 GALLON	5				

GROUP 1		VENDOR NAME: January 2025				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
138	PIPE LUBE 1 PINT	5				
			GROUP 1 TOTAL			\$

GROUP 2		VENDOR NAME:				
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
201	12" x 18" Rectangular Meter Box Polyplastic or Equivalent with cast iron, hinged reader lid NDS -1200-DICIR or Equal	100				
202	DFW 1600-12-BODY or Equal Black Rectangular Meter Box with 4x7 cast iron, hinged reader lid and small 4" AMR locator	400				
203	24" x 36" Rectangular Meter Box Polyplastic or Equivalent with cast iron, hinged reader lid NDS - 126BCDMCIFB or Equal	10				
204	12" x 18" Concrete Meter Box with lid: 36-H	25				
205	Meter Box Lid for 12" x 18" Concrete Meter Box (Lid Only)	25				
206	Meter Box Lid for 12" x 18" Meter Box (Lid Only) NDS-D1200-DICIRLID or Equal	25				
207	Meter Box Lid for 18" x 24" Meter Box (Lid Only) NDS-D1500-DICIRLD or Equal	500				
208	Meter Box Lid for 24" x 36" Meter Box (Lid Only) NDS Bolt Down, Drop-in Plastic w/ Cast Iron Reader Cover or Equal	10				
209	polyethylene lid with 2" thru hole and recess for Badger transmitter; Sigma RMB132412NSW-W (Box) & N1324BLKWAT-TS (Lid) or Equal (See Specifications)	400				
GROUP 2 TOTAL						\$

GROUP 3		VENDOR NAME:				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
301	Fire Hydrant (3'6" Depth) - Style 129 M & H, American Darling B84B or Equal	5				
302	Fire Hydrant (4'0" Depth) - Style 129 M & H, American Darling B84B or Equal	2				
303	Fire Hydrant (4'6" Depth) - Style 129 M & H, American Darling B84B or Equal	5				
304	6" x 6" Fire Hydrant "T" American Table 5-24 or Equal	5				
305	8" x 6" Fire Hydrant "T" American Table 5-24 or Equal	2				
306	6" x 24" Anchor Coupling	10				
307	6" x 13" Anchor Coupling	10				
308	4" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	10				
309	6" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	8				
310	8" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	5				
311	10" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	10				
312	12" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	10				
313	14" Resilient Wedge Mechanical Joint Gate Valve - Mueller 2360 or Equal	10				
314	6" Tapping Valve - M & H 4067 or Equal	2				

GROUP 3		VENDOR NAME:				
BID ITEM#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
315	8" Tapping Valve - M & H 4067 or Equal	2				
316	10" Tapping Valve - M & H 4067 or Equal	1				
317	12" Tapping Valve - M & H 4067 or Equal	1				
318	Fire Hydrant Repair Kit - American Darling for (Main Valve Repair Kit) Part #84-35-02, B-84-B Part #84-37, Part #84-36-1	4				
319	Fire Hydrant Repair Kit - Mueller Kit #280357	4				
320	Fire Hydrant Repair Kit - M & H Style 129 Kit #557999	4				
GROUP 3 TOTAL						\$

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
401	18" Valve Box 461S	25				
402	24" Valve Box 562S	25				
403	2" x 1" Tapping Saddle for PVC	10				
404	2" x 6" Tapping Saddle for Ductile Iron Ford F202 Series	5				
405	2" x 6" Tapping Saddle for PVC Smith Blair 238-066312-015	10				
406	2" x 8" Tapping Saddle for Ductile Iron Ford F202 Series	10				
407	2" x 8" Tapping Saddle for PVC Smith Blair 238-086312-015	10				
408	2" x 3/4" Tapping Saddle for PVC - Ford S70-203	10				
409	3" x 3/4" Tapping Saddle for PVC Ford S70-303	10				
410	4" x 3/4" Tapping Saddle for PVC s70-403	10				
411	6" x 3/4" Tapping Saddle for PVC Ford S70-603	10				
412	6" X 2" Double Strap Saddle	10				
413	8" x 3/4" Tapping Saddle for PVC - Ford S70-803	10				
414	8" x 1" Double Strap Saddle	10				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
415	8" x 2" Double Strap Saddle for DI	10				
416	10" x 1" Stainless Steel Saddle for PVC	10				
417	10" x 2" Double Strap Saddle for DI	10				
418	12" x 2" Double Strap Saddle for DI	10				
419	2" x 1" Tapping Saddle for PVC - Ford S70-204	10				
420	3" x 1" Tapping Saddle for PVC - Ford S70-304	10				
421	4" x 1" Tapping Saddle for PVC - Ford S70-404	10				
422	6" x 1" Tapping Saddle for PVC - Ford S70-604	10				
423	8" x 1" Tapping Saddle for PVC - Ford S70-804	10				
424	4" Mechanical Joint Accessory Packs for Ductile Iron Pipe	30				
425	6" Mechanical Joint Accessory Packs for Ductile Iron Pipe	30				
426	8" Mechanical Joint Accessory Packs for Ductile Iron Pipe	30				
427	10" Mechanical Joint Accessory Packs for Ductile Iron Pipe	10				
428	12" Mechanical Joint Accessory Packs for Ductile Iron Pipe	10				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
429	14" Mechanical Joint Accessory Packs for Ductile Iron Pipe	6				
430	16" Mechanical Joint Accessory Packs for Ductile Iron Pipe	6				
431	20" Mechanical Joint Accessory Packs for Ductile Iron Pipe	4				
432	24" Mechanical Joint Accessory Packs for Ductile Iron Pipe	4				
433	30" Mechanical Joint Accessory Packs for Ductile Iron Pipe	4				
434	36" Mechanical Joint Accessory Packs for Ductile Iron Pipe	2				
435	42" Mechanical Joint Accessory Packs for Ductile Iron Pipe	2				
436	4" Megalug Accessory Packs for Ductile Iron	10				
437	6" Megalug Accessory Packs for Ductile Iron	10				
438	8" Megalug Accessory Packs for Ductile Iron	10				
439	10" Megalug Accessory Packs for Ductile Iron	10				
440	12" Megalug Accessory Packs for Ductile Iron	10				
441	14" Megalug Accessory Packs for Ductile Iron	4				
442	16" Megalug Accessory Packs for Ductile Iron	4				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
443	20" Megalug Accessory Packs for Ductile Iron	4				
444	24" Megalug Accessory Packs for Ductile Iron	4				
445	30" Megalug Accessory Packs for Ductile Iron	4				
446	36" Megalug Accessory Packs for Ductile Iron	4				
447	42" Megalug Accessory Packs for Ductile Iron	2				
448	3" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	50				
449	4" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	120				
450	6" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	120				
451	8" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	200				
452	10" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
453	12" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
454	14" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
455	16" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
456	20" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
457	24" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
458	30" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	40				
459	36" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	20				
460	42" Ductile Iron Pipe Pressure Class 350 Slip Joint, per foot (American or US)	20				
461	6" Restrained Joint Ductile Iron Pipe; Pressure Class 350, per foot (American or US)	100				
462	8" Restrained Joint Ductile Iron Pipe; Pressure Class 350, per foot (American or US)	100				
463	10" Restrained Joint Ductile Iron Pipe; Pressure Class 350, per foot (American or US)	100				
464	12" Restrained Joint Ductile Iron Pipe; Pressure Class 350, per foot (American or US)	100				
465	14" Restrained Joint Ductile Iron Pipe; Pressure Class 350, per foot (American or US)	100				
466	4" Mechanical Joint Compact Long Sleeve Ductile Iron	16				
467	6" Mechanical Joint Compact Long Sleeve Ductile Iron	16				
468	8" Mechanical Joint Compact Long Sleeve Ductile Iron	16				
469	10" Mechanical Joint Compact Long Sleeve Ductile Iron	10				
470	12" Mechanical Joint Compact Long Sleeve Ductile Iron	10				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
471	14" Mechanical Joint Compact Long Sleeve Ductile Iron	4				
472	16" Mechanical Joint Compact Long Sleeve Ductile Iron	4				
473	20" Mechanical Joint Compact Long Sleeve Ductile Iron	4				
474	24" Mechanical Joint Compact Long Sleeve Ductile Iron	4				
475	30" Mechanical Joint Compact Long Sleeve Ductile Iron	4				
476	36" Mechanical Joint Compact Long Sleeve Ductile Iron	2				
477	42" Mechanical Joint Compact Long Sleeve Ductile Iron	1				
478	6" Mechanical Joint C153 90 Degree Bend	10				
479	4"-12" Ductile Iron MJ Fittings (Not Listed Above), C153, less accessories per pound	750 lbs				
480	14"-24" Ductile Iron MJ Fittings (Not Listed Above), C153, less accessories per pound	1,000 lbs				
481	30"-42" Ductile Iron MJ Fittings (Not Listed Above), C110, less accessories per pound	2,500 lbs				
482	4" Mechanical Joint x IPS Transition Gaskets	30				
483	6" Mechanical Joint x IPS Transition Gaskets	30				
484	8" Mechanical Joint x IPS Transition Gaskets	30				

GROUP 4			VENDOR NAME:			
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
485	10" Mechanical Joint x IPS Transition Gaskets	10				
486	12" Mechanical Joint x IPS Transition Gaskets	10				
487	14" Mechanical Joint x IPS Transition Gaskets	6				
488	16" Mechanical Joint x IPS Transition Gaskets	6				
489	4" Repair Clamps, Ford Style FS1 15" Length	8				
490	6" Repair Clamps, Ford Style FS1 15" Length	8				
491	8" Repair Clamps, Ford Style FS2 20" Length	10				
492	10" Repair Clamps, Ford Style FS2 20" Length	2				
493	12" Repair Clamps, Ford Style FS2 20" Length	4				
494	14" Repair Clamps, Ford Style FS2 20" Length	2				
495	16" Repair Clamps, Ford Style FS2 20" Length	2				
496	20" Repair Clamps, Ford Style FS3 20" Length	2				
497	24" Repair Clamps, Ford Style FS3 20" Length	2				
498	30" Repair Clamps, Ford FS3 Style 36" Length	1				

GROUP 4		VENDOR NAME:				
Bid Item#	Bid Item Description	ESTIMATED ANNUAL QUANTITY NEEDED	MAKE OR MANUFACTURER	MODEL #	PRICE EACH DELIVERED, \$	EXTENDED TOTAL, \$
499	36" Repair Clamps, Ford FS3 Style 36" Length	1				
500	42" Repair Clamps, Ford FS3 Style 36" Length	1				
501	2" Knock on Hubs (Plastic)	50				
502	3" Knock on Hubs (Plastic)	12				
503	4" Knock on Hubs (Plastic)	30				
504	6" Knock on Hubs Harco D3139-SDR21 PVC 11G1, or Equal	50				
			GROUP 4 TOTAL			\$

GROUP 5	VENDOR NAME:
Bid Item	% Discount off of List Price
PVC Fittings (Sch. 40 & 80) not on other bids	
PVC Valves (Sch. 40 & 80) Including Viton Seats	
Pex Fittings	
Miscellaneous Water/Wastewater Catalog Items	
Hand Tools	
Power Tools	

BID SPECIFICATIONS

WATER FITTINGS AND ACCESSORIES

- I. All brass fittings must meet the "Reduction of Lead in Drinking Water Act" of January 4, 2011 as follows:
 - a. Not containing more than 0.2% lead when used in respect to solder and flux.
 - b. Not more than a weighted average of 0.25% lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings and fixtures.
- II. All manufacturers and models listed in each group are the standard of quality for each item. "Or Equals" shall be determined by Shelby County Water Services based on the available information and any past experiences by Shelby County Water Services' personnel. Any vendor wishing to submit "Or Equal" items must submit product information with bid. They must also list any exceptions with the listed item in a separate document.
- III. Gaskets used for MJ accessory packs, MJ x IPS transition gaskets, and Megalug accessory packs shall be manufactured in the USA and shall be made from Styrene Butadiene Copolymer (SBR). Gaskets shall be manufactured by Specification Rubber Products, Inc., or Equal.
- IV. Restrained joint pipe shall be Ductile Iron manufactured in accordance with the requirements of ANSI/ AWWA C151/A21.51. Push-on joints for such pipe shall be in accordance with ANSI/AWWA C111/A21.11 "Rubber-Gasket Joints for Ductile-Iron Pipe and Fittings." Pipe thickness shall be designed in accordance with ANSI/AWWA C150/A21.50 "Thickness Design of Ductile-Iron Pressure Pipe," and shall be based on laying conditions and internal pressures. Cement mortar lining and seal coating for pipe and fittings, where applicable, shall be in accordance with ANSI/AWWA C104/A21.4. Asphaltic outside coating shall be in accordance with ANSI/AWWA C151/A21.51 for pipe and ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53 for fittings. Restrained push-on joints for pipe and fittings shall be designed for a water working pressure of 350 psi for sizes 4" through 24" and 250 psi for sizes 30" through 42". Restrained joint pipe shall be:
 - a. TR Flex as manufactured by US Pipe
 - b. Flex-Ring as manufactured by American Cast Iron Pipe Company
 - c. Or Equal as determined by Shelby County Water Services
- V. PEX Water Service Lines shall be manufactured using the high-pressure method of crosslinking. Pipe shall be certified to AWWA C 904 *Cross-linked Polyethylene (PEX) Pressure Pipe, 1/2 in. (12 mm) Through 3 in. (76 mm), for Water Service* by approved testing agency. In addition, pipe shall be certified to standards ASTM F876, CSA B137.5, NSF 14 and NSF 61, by approved testing agencies, with a standard materials designation code of 3306. Pipe shall demonstrate ability to satisfy the performance requirements of section F.7 of PPI TR-3 of PE materials in

order to apply a 0.63 design factor resulting in a temperature/pressure rating of 200 psi @ 73.4°F (1380 kPa @ 23°C). Pipe shall be rated for:

- a. 160 psi @ 73.4°F (1103 kPa @ 23°C)
- b. 100 psi @ 180°F (690 kPa @ 82°C) per PPI TR-4

Pipe shall have a co-extruded UV Shield made from UV-resistant high-density polyethylene, color Blue. Pipe shall have minimum recommended UV exposure time of one (1) year when tested in accordance with ASTM F2657, or as per manufacturer's recommendations. Pipe shall be compatible with cold-expansion compression-sleeve fittings certified to ASTM F2080 for installations as cold as -40°F (-40°C). Pipe shall be approved for use with AWWA C800 fittings when using manufacturer's recommended insert. Pipe shall be approved by manufacturer for use with manual plastic pipe squeeze-off tools for temporary stoppage of flow. Pipe shall be approved by manufacturer to be repaired using hot air, if kinked in the field. Pipe shall have the minimum markings: PEXa 3306, CSA B137.5, ASTM F876, F2023 and F2080, NSF-pw-g. Pipe shall carry the following markings every three (3) feet (0.9 meters): Manufacturer's name and trademark, nominal size, PEXa 3306 (material designation code) SDR9 (standard dimension ratio), POTABLE TUBING, AWWA C904, ASTM F876/ F2023 / F2080, CSA B137.5, NSF-pw-g, U.P. Code 160psi/73°F 100psi/180°F 200psi/73°F at 0.63 Design Factor, manufacturing date and footage mark. PEXa shall be:

- a. MUNICIPEX as manufactured by REHAU Construction, LLC.
- b. Or Approved Equal by Shelby County Water Services

VI. Meter Box and lid designed to support 20,000 lb. vertical loads, in accordance with ASSHTO loading process requirements, shall meet the following requirements.

- Meter boxes shall be produced using LLD Polyethylene regrind and virgin resins in a series of laminated walls using a 3-step ROTATIONAL MOLDING process.
- The outer wall will be formed against an aluminum mold and laminated to the porous (foamed) center wall, which shall be laminated to a smooth bright white interior wall.
- The combined wall thickness shall be ½ inch minimum.
- The meter box shall have an integral flat settling plate (flange) around the base, sufficient to prevent settling when installed in accordance with approved installation methods.
- The meter box shall meet the dimensions from the product listed as the standard of quality below.
- The meter box shall have a pipe cut out 4" in diameter.
- The meter box lid shall be made using injection molding process.

- The meter box lid shall be made with 100% virgin No-Break polymer for consistency in material and quality.
- The meter box lid material density shall be 0.935 to 0.941 g/cc.
- The meter box lid shall meet ADA slip restraint coefficient requirements.
- The meter box lid shall have a 2" thru hole and a recess for Badger transmitters.

The manufacturer and box type that will be standard of quality for this item is a Sigma RMB 132412-NSW (Box) and N1324BLKWAT-TS (Lid). Approved Equals will be determined by Shelby County Water Services based on this standard of quality.

- VII. Group 5 shall be a minimum discount percentage applied to the current list price from the proposed supplier submitted as part of the bid for the different categories listed in the bid items.