

**Hardin County Water District No. 2  
Invitation to Bid**

**Bid 2018-001**

Hardin County Water District No. 2 (the "District") will receive sealed bids on warehouse materials at the District office, located at 360 Ring Road / P.O. Box 970, Elizabethtown, Kentucky 42702, until 10:30 a.m. local time on the 20th day of December 2017.

Bidders must comply with the Copeland "Anti-Kickback" Act, Davis-Bacon Act, Sections 103 and 107 of the Contract Work Hours and Safety Standards Act, requirements issued under section 306 of the Clean Air Act, Executive Order 11738, Executive Order Nos. 11246 and 11375, which prohibit discrimination in employment regarding race, creed, color, sex or national origin, Title VI of the Civil Rights Act of 1964, Section 3 Segregated Facilities, Section 109 and the Contract Work Hours Standard Act. Prevailing Federal and State wage rates are to be paid, if applicable. Minority firms are particularly encouraged to participate. In accordance with section 215 of the Clean Water Act and EPA regulations, the bidder shall agree that preference will be given to domestic construction materials.

For more information and specifications contact Shaun Youravich at (270) 737-1056, ext. 304 or visit our website at [www.hardincountywater2.org/bid](http://www.hardincountywater2.org/bid) info. Bids will be awarded to the lowest and best-evaluated bidder as determined by the Hardin County Water District No. 2 Board of Commissioners, and further provided, that any and all bids may be rejected for any reason. **BY ORDER OF THE COMMISSIONERS.**

# **Instructions**

**&**

# **Specifications**

**For**

**The 2018 Annual**

**Material Bid**

Bid Number 2018-001



**Hardin County Water District No. 2  
Elizabethtown, Kentucky**

Bid Opening Date: December 20, 2017

Shaun Youravich, Operations Manager  
270-737-1056 ext 304, [Youravich@hardincountywater2.org](mailto:Youravich@hardincountywater2.org)

# **Information to Bidders**

## **1. ACCEPTANCE OF BIDS**

Hardin County Water District No. 2 (the District) reserves the right to accept the bid deemed lowest and best evaluated as determined by the Hardin County Water District No. 2's Board of Commissioners. The District reserves the right to waive any informalities or minor defects in a bid or to reject any or all bids.

## **2. SUBMITTING BIDS**

- A. The bid must be received by the District at 360 Ring Road, Elizabethtown, Kentucky on Wednesday, December 20, 2017 by 10:30 am local time. Any bid received after the specified time shall be disqualified.
- B. Each bid must be in a sealed envelope and have typed on the envelope, **SEALED BID – MATERIALS**, with the opening date and time. The District assumes no responsibility for the premature opening of or failure to open bids not properly addressed or identified.
- C. An authorized representative may withdraw their bid at any time up to the opening time of the bid, but no bid may be withdrawn once the opening process has started.
- D. The District will not be responsible for errors or omissions on the part of bidders in making up their bids. All bids must be signed by an authorized representative and any bid received unsigned will be rejected.
- E. All bids must be submitted in accordance with the specifications listed. The bidder must note any exceptions to the specification on the Bid Form, otherwise it is assumed that the bid complies, in all respects, with the listed specifications.
- F. Bids must be completed in ink or type written. Failure to do so will result in the rejection of the bid.
- G. Because this packet contains the terms, conditions, and specifications for the bid, the entire packet must be returned. An authorized agent must initial at the bottom of each page acknowledging that they have read the entire page.
- H. All prices quoted shall be on a delivery prepaid basis to the District's Customer Service Center located at 360 Ring Road, Elizabethtown, KY 42701.

- I. Bidders are invited to attend the public bid opening, and to review the complete bid files after the bids have been opened. A bid tabulation showing all vendors' prices will be made available upon request.
- J. If a bidder is not bidding on a particular item or items, that fact must be clearly stated by placing "NO BID" on the bid form under the price column next to the item(s) not bid.
- K. Do not add or include Kentucky sales and/or use tax. The District will furnish the necessary exemption certificate, upon request.
- L. The District shall make payment within forty-five-days after receiving an invoice for delivered materials.
- M. It is the District's intention to award the bid on a per item basis. The District reserves the right, however, to lump items together if determined to be more beneficial to the District.

### **3. ADDENDA TO SPECIFICATIONS**

The District reserves the right to issue addenda(s) for the purpose of modifying the documents referred herein at any time prior to the day and time set for the opening. However, no interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally. Every request for such interpretation should be in writing addressed to Hardin County Water District No. 2 and to be given consideration must be received at least five days prior to the date fixed for opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be mailed by certified mail with return receipt requested to all prospective bidders (at the respective addresses furnished for such purposes), not later than three days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under his/her bid as submitted. All addenda so issued shall become part of the contract documents.

### **4. QUALIFICATIONS OF BIDDERS AND MATERIALS**

The bidder may be required to show to the complete satisfaction of the District that it has the necessary resources, facilities, and ability to provide the services specified. The bidder may also be required to give a past history and references in order to satisfy the District in regard to the bidder's qualifications. Should the bidder be deemed unsatisfactory the bid will be rejected.

**5. TERM OF CONTRACT**

The term of the contract shall be for a period of one (1) year, from Jan. 1, 2018 through Dec. 31, 2018, unless terminated, canceled or extended by mutual agreement.

**6. TERMINATION OF CONTRACT**

This contract may be terminated in whole or in part at any time by the District, with or without cause, by giving at least a thirty-day advance written notice to the bidder. The District allows the bidder to do the same.

**7. ADDITIONAL ORDER**

Procurement is subject to regulations contained in 40 CFR Part 31.36 or with DOW Procurement Guidance, with the exception of Davis Bacon Act. NOTE: the Davis-Bacon Act does not apply to this grant. Attention of bidders is particularly called to the requirements as to compliance with Title VI of the Civil Rights Act of 1964, Executive Order 11246, "Equal Employment Opportunity" as amended which prohibits discrimination in employment regarding race, creed, color, sex or national origin, Copeland "Anti-Kickback Act, Contract Work Hours and Safety Standards Act, 40 CFR Part 31.36 L(3,4&6), Byrd Anti-Lobbying Amendment and Debarment and Suspension (E.O. 12549 & 12689) and. Bidder will make positive efforts to utilize Minority Business Enterprises, Women's Business Enterprises, and/or Disabled Business Enterprises Contractor/Subcontractor will comply with 41 CFR 60-4, in regard to affirmative action.

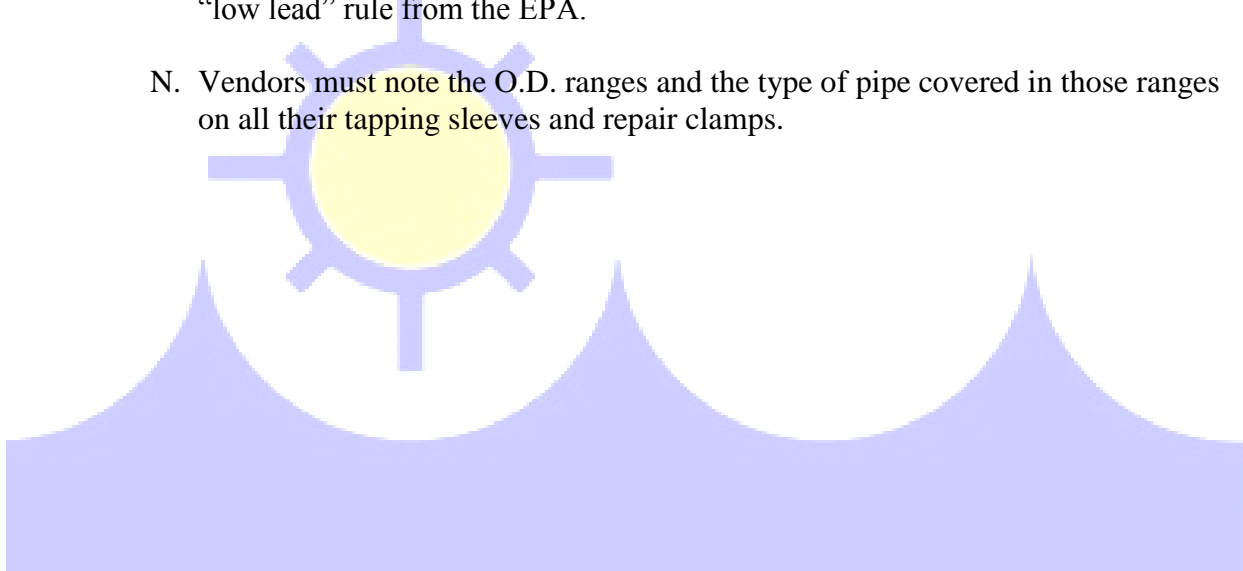
# Specification and Special Instructions

## 1. SPECIFICATIONS

Listed below is a list of specific specifications that must be followed:

- A. The bidder in calculating the unit price must include any discounts and delivery fees or surcharges. The unit price on each bid item must be net.
- B. Bidder must include the Brand and other pertinent information in the “Item Description” of the item priced.
- C. All materials purchased from and delivered by the bidder must be the type and brand name specified on the attached Bid Form, unless otherwise agreed upon by the District.
- D. All materials delivered by the bidder must be new and cannot be “second” quality or a “factory reject.” The District will not accept any materials previously delivered to another customer and returned to the vendor for any reason.
- E. If delivered materials are found to be defective or do not meet quality standards, the District reserves the right to refuse the delivery and purchase the item(s) from another source.
- F. Delivery shall be made to the District within **thirty-days** after the order has been placed. If the vendor does not make delivery within the specified thirty-days, the District reserves the right to cancel the order and purchase the items from another bidder.
- G. Deliveries must be between the hours of 8:00 a.m. to 11:30 a.m. during normal days of the District’s operation. Delivery times outside of these hours must be prearranged by the vendor and the District.
- H. Bid awardees are encouraged to maintain stock of the highly used or long lead time items. Availability of items could be a determining factor for future orders and/or bid awards.
- I. All valves, cast iron, and ductile iron fittings must be bid without accessory packs, accessory packs are a separate bid item.
- J. The District will only accept Kennedy, Mueller, American, Clow, and M & H, for bidding purposes of gate and/or tapping valves.

- K. The District will only accept Tyler, U.S. Pipe & Foundry, Clow, Union Foundry Co., Sigma and American for bidding purposes on the ductile and cast iron fittings, unless specific bid items are not available by these manufacturers. Bidder must state the name of the replacement manufacturer.
- L. All materials must meet AWWA and/or the District's specifications and standards.
- M. For the purpose of the PVC bell joint clamps, a bidder may bid an equal product.
- N. The District will accept Ford Meter Box Company or Mueller for CTS couplings, setters, saddles and other brass items. Note that brass items are "low lead".
- O. A bidder may bid Kennedy or Mueller fire hydrants. All fire hydrants are to use stainless steel bolts and be painted national blue. Hydrants must comply with the "low lead" rule from the EPA.
- N. Vendors must note the O.D. ranges and the type of pipe covered in those ranges on all their tapping sleeves and repair clamps.





# Hardin County Water District No. 2

## 2018 Material Bid

Bid No.	Description & Manufacturer Numbers	Product No.	Price
1	¾" PENTEK plastic meter box riser, 3" tall, no. 170102	0205001	
2	¾" PENTEK plastic meter box riser, 6" tall, no. 170103	0205002	
3	¾" PENTEK plastic meter box top, with snap lock meter reader lid, no. 172113	0205003	
4	¾" CTS x ¾" FIPT 90 no. L14-33-G-NL	0201042	
5	¾" CTS x ½" GALV coupling no. C45-31-G-NL	0201043	
6	¾" CTS x ½" PVC coupling no. C47-31-G-NL	0201044	
7	¾" CTS x ½" MIPT no. C84-13-G-NL	0201045	
8	¾" Ball valve curb stop, CTS x CTS, no. B44-233-G-NL	0201001	
9	¾" Angled Meter Ball valve, no. B24265N	0201002	
10	¾" Ball valve curb stop, GALV x ¾" CTS	0201003	
11	¾" Ball valve curb stop, FIPT x FIPT	0201004	
12	¾" Ball valve curb stop, GALV x ¾" FIPT	0201005	
13	¾" x 1" Ball valve curb stop, CTS x CTS	0201006	
14	¾" Coupling, Female Copper Thread x CTS, no. C04-33-NL	0201007	
15	¾" Coupling, FIPT x CTS, no. C14-33-G-NL	0201008	
16	¾" x ½" Coupling, MIPT, no. C85-31-NL	0201009	
17	¾" Coupling, MIPT x PVC	0201010	



Bid No.	Description & Manufacturer Numbers	Product No.	Price
18	¾" X 1" Coupling, MIPT x PVC	0201011	
19	¾" Coupling, FIPT x GALV	0201012	
20	¾" Coupling, CTS x FLARE	0201013	
21	¾" Coupling, CTS x FEMALE FLARE	0201014	
22	¾" Coupling, FIPT x PVC, no. C17-33-NL	0201015	
23	¾" x 1" Coupling, FIPT x PVC, no. C17-34-NL	0201016	
24	¾" x 1" Coupling, FIPT x FIPT	0201017	
25	¾" Coupling, CTS x CTS, no. C44-33-G-NL	0201018	
26	¾" Coupling, CTS x Galv., no. C45-33-G-NL	0201019	
27	¾" Coupling, CTS x PVC, no. C47-33-G-NL	0201020	
28	¾" Coupling, MIPT x CTS, no. C84-33G-NL	0201021	
29	¾" Coupling, MIPT x PVC, no. C87-33-NL	0201022	
30	¾" x 1" Coupling, MIPT x PVC, no. C87-34-NL	0201023	
31	¾" Corporation stop, no. F1000-3-G-NL	0201024	
32	¾" 90° elbow coupling, MIPT x CTS, no. L84-33-G-NL	0201025	
33	¾" 90° elbow coupling, CTS x CTS, no. L44-33-G-NL	0201026	
34	¾" x 1" Tee, CTS x CTS x CTS, no. T444-334-G-NL	0201027	
35	¾" Tee, CTS x CTS x CTS, no. T444-333-G-NL	0201028	
36	¾" Grip joint nut assembly for CTS, no. GJN4-3-NL	0201029	
37	¾" FIPT x ¾" PVC, no. C17-33-NL	0201030	
38	¾" MIPT x ¾" PVC, no. C87-33-NL	0201031	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
39	¾" FIPT x 1" PVC, no. C17-34-NL	0201032	
40	¾" MIPT x 1" PVC, no. C87-34-NL	0201033	
41	¾" FIPT x ¾" CTS, no. C04-33-NL	0201034	
42	¾" FIPT x ¾" PJ, no. C15-33-NL	0201035	
43	¾" MIPT x 1" CTS, no. C84-34-NL	0201036	
44	¾" Stainless steel insert, no. INSERT-51	0203001	
45	¾" Meter gasket (rubber), no. GT-114	0210001	
46	¾" Coppersetter with ball valve, no. VBHH72-7W-44-33-G-NL	0202001	
47	¾" Angled Dual Check valve, no. HHA31-323	0201037	
48	¾" Dual Check valve repair kit, for no. HHA31-323, no. HHRK-3	0210002	
49	¾" JONES locking device, for setter no. VBHH72-7W-44-33, no. J-288	0201038	
50	¾" HIGHLAND MFG. CO. meter lock-seal complete for setter no. VBHH72-7W-44-33	0201039	
51	¾" ENDOPURE polyethylene tubing, 200 PSI ultra high density, 100' roll	0204001	
52	¾" ENDOPURE polyethylene tubing, 200 PSI ultra high density, 500' roll	0204002	
53	¾" VAL-MATIC air relief valve, no. 22.4	0210003	
54	¾" Meter Adapter, no. A23-NL	0201040	
55	¾" Brass Plug	0201041	
56	½" x 5/8" Coupling, B11-211	0101001	
57	Jumbo PENTEK plastic meter box & top, with snap lock meter reader lid, no. 190107	0305001	
58	Jumbo CARSON plastic meter box & top, with solid lid	0305002	
59	Jumbo PENTEK or CARSON plastic meter box, no. 190156	0305003	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
60	Jumbo PENTEK plastic meter top, with snap lock meter reader lid, no. 193101	0305004	
61	Jumbo CARSON plastic meter top, with solid lid	0305005	
62	Jumbo PENTEK or CARSON meter box riser, 6" tall, no. 190110	0305006	
63	1" CTS x 1" FIPT 90	0301020	
64	1" x 1 1/4" Brass nipple, all thread	0301001	
65	1" Ball valve curb stop, CTS x CTS, no. B44-444-G-NL	0301002	
66	1" Coupling, FIPT x CTS, no. C14-44-G-NL	0301003	
67	1" x 3/4" Coupling, CTS x CTS, no. C44-34-G-NL	0301004	
68	1" Coupling, CTS x CTS, no. C44-44-G-NL	0301005	
69	1" Coupling, CTS x Galv., no. C45-44-G-NL	0301006	
70	1" x 3/4" Coupling, CTS x PVC, no. C47-34-G-NL	0301007	
71	1" Coupling, CTS x PVC, no. C47-44-G-NL	0301008	
72	1" Coupling, MIPT x CTS, no. C84-44-G-NL	0301009	
73	1" Corporation stop, no. F1000-4-G-NL	0301010	
74	1" x 3/4" Coupling, PVC x PVC, no. FC-4743-NL	0301011	
75	1" 90° elbow coupling, CTS x CTS, no. L44-44-G-NL	0301012	
76	1" 90° elbow coupling, MIPT x CTS, no. L84-44-G-NL	0301013	
77	1" x 3/4" Tee, CTS x CTS x CTS, no. T444-443-G-NL	0301014	
78	1" Tee, CTS x CTS x CTS, no. T444-444-G-NL	0301015	
79	1" x 3/4" "Y", CTS x CTS x CTS, no. Y44-243-G-NL	0301016	
80	1" Grip joint nut assembly for CTS, no. GJN4-4-NL	0301017	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
81	1" Stainless steel insert, no. INSERT-52	0303001	
82	1" Meter gasket (rubber), no. GT120	0310001	
83	1" Dual Check valve, no. HHA31-444	0301018	
84	1" Coppersetter with ball valve, no. VBHH74-10W-44-44-G-NL	0302001	
85	1" ENDOPURE polyethylene tubing, 200 PSI ultra high density, 100' roll	0304001	
86	1" ENDOPURE polyethylene tubing, 200 PSI ultra high density, 300' roll	0304002	
87	1" VAL-MATIC air relief valve, no. 22.9	0310002	
88	1" Brass plug	0301019	
89	1 1/4" SS Inserts	0403001	
90	1 1/4" PE tubing 300'	0404001	
91	1 1/4" GALV x MIPT couplings no. C85-55-NL	0401004	
92	1 1/4" brass tee FIPT	0401005	
93	1 1/4" Coupling, CTS x CTS	0401001	
94	1 1/4" Ball valve curb stop, FIPT x FIPT, no. B11-555-NL	0401002	
95	1 1/4" Coupling, CTS x Galv., no. C45-55-G-NL	0401003	
96	1 1/2" PE tubing 300'	0504001	
97	1 1/2" SS inserts	0503001	
98	1 1/2" CTS x 1 1/2" GALV coupling no. C45-66-G-NL	0501008	
99	1 1/2" GALV x MIPT couplings no. C85-66-G-NL	0501009	
100	1 1/2" brass tee FIPT	0501010	
101	1 1/2" Coppersetter with ball valve, no. VBHH76-12B-11 -66-NL	0502001	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
102	1 ½" Coupling, CTS x MIPT	0501001	
103	1 ½" Angled meter valve, no. B24286N	0501002	
104	1 ½" Angled dual check valve, no. H14244N	0501003	
105	1 ½" Ball valve curb stop, MIPT x FIPT	0501004	
106	1 ½" Ball valve curb stop, FIPT x FIPT	0501005	
107	1 ½" Meter flanges	0501006	
108	1 ½" Coupling, CTS x PVC, no. C47-66-G-NL	0501007	
109	1 ½" Companion flange meter gasket	0510001	
110	2" CTS x 2" GALV coupling no. C45-77-G-NL	0601024	
111	2" x 1" bushing	0601025	
112	2" x 3/4" bushing	0601026	
113	2" brass tee FIPT	0601027	
114	2" Ball valve curb stop, MIPT x FIPT, no. B81-777-NL	0601001	
115	2" Ball valve curb stop, FIPT x FIPT, no. B11-777-NL	0601002	
116	2" Angled meter ball valve, no. B24286N	0601003	
117	2" Angled dual check valve, no. H14244N	0601004	
118	2" Coupling, FIPT x CTS, no. C14-77-G-NL	0601005	
119	2" Coupling, FIPT x Galv., no. C15-77-NL	0601006	
120	2" x 1½" Coupling, MIPT x FIPT, no. C18-67-NL	0601007	
121	2" Coupling, CTS x CTS, no. C44-77-G-NL	0601008	
122	2" Coupling, CTS x PVC, no. C47-77-G-NL	0601009	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
123	2" x 1½" Coupling, MIPT x CTS, no. C84-67-G-NL	0601010	
124	2" Coupling, MIPT x CTS, no. C84-77-G-NL	0601011	
125	2" Coupling, MIPT x Galv., no. C85-77-NL	0601012	
126	2" Coupling, MIPT x PVC, no. C87-77-G-NL	0601013	
127	2" Coupling, CTS x Galv., no. C45-77-G-NL	0601014	
128	2" 90° elbow coupling, CTS x CTS, no. L44-77-G-NL	0601015	
129	2" 90° elbow coupling, MIPT x CTS, no. L84-77-G-NL	0601016	
130	2" x ¾" Tee, CTS x CTS x FIPT, no. T441-773-G-NL	0601017	
131	2" x 1" Tee, CTS x CTS x FIPT, no. T441-774-G-NL	0601018	
132	2" Tee, CTS x CTS x CTS, no. T444-777-G-NL	0601019	
133	2" PVC x 2" FIPT, no. C17-77-NL	0601020	
134	2" x ¾" Saddle, PVC, no. S70-203	0601021	
135	2" x 1" Saddle, PVC, no. S70-204	0601022	
136	2" x 3" ROMAC Repair Clamp	0603001	
137	2" x 6" ROMAC Repair Clamp	0603002	
138	2" x 8" ROMAC Repair Clamp	0603003	
139	2" x 12" ROMAC Repair Clamp	0603004	
140	2" Stainless steel inserts, no. INSERT-55	0603005	
141	2" Companion flange meter gasket	0610001	
142	2" Coppersetter with ball valve, no. VBHH77-12B-11 -77-NL	0602001	
143	2" HARCO FLOW CONTROL IPS PVC gasketed repair coupling	0606001	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
144	2" ENDOPURE polyethylene tubing, 200 PSI ultra high density	0604001	
145	2" VAL-MATIC air release valve, no. 45.5	0610002	
146	2" Meter flange	0601023	
147	3" WILKINS 350L Dual check valve, less valves, no. 3-350L	0710001	
148	4" x ¾" Saddle, PVC, no. S70-403	0801001	
149	4" x 1" Saddle, PVC, no. S70-404	0801002	
150	4" x 2" Saddle, PVC, no. S71-407	0801003	
151	4" x ¾" Saddle, C900, no. S90-403	0801004	
152	4" x 1" Saddle, C900, no. S90-404	0801005	
153	4" x 2" Saddle, C900, no. S91-407	0801006	
154	4" x 3/4" Saddle, AC, no. 202B-540-CC3	0801007	
155	4" x 1" Saddle, AC, no. 202B-540-CC4	0801008	
156	4" x 2" Saddle, AC, no. F202B-540-IP7	0801009	
157	4" x 7½" Stainless steel repair clamp, PVC, no. FS1-473x7.5, 520-7-474	0803001	
158	4" x 15" Stainless steel repair clamp, PVC, no. FS1-473x15, 520-15-474	0803002	
159	4" x 20" Stainless steel repair clamp, PVC, no. FS1-473x20, 520-20-474	0803003	
160	4" x 30" Stainless steel repair clamp, PVC, no. FS1-473x30, 520-30-474	0803004	
161	4" x 7½" Stainless steel repair clamp, AC Class 200, no. FS1-535x7.5, 520-7-520	0803005	
162	4" x 15" Stainless steel repair clamp, AC Class 200, no. FS1-535x15, 520-15-520	0803006	
163	4" x 20" Stainless steel repair clamp, AC Class 200, no. FS1-535x20, 520-20-520	0803007	
164	4" x 30" Stainless steel repair clamp, AC Class 200, no. FS1-535x30, 520-30-520	0803008	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
165	4" x 4" Stainless steel tapping sleeve, PVC, no. FAST-450-4A, H-304-CS-0460	0803009	
166	4" x 4" Stainless steel tapping sleeve, AC Class 150, no. FAST-480-4A, H-304-CS-0500	0803010	
167	4" x 4" Stainless steel tapping sleeve, AC Class 200, no. FAST-525-4A	0803011	
168	4" HARCO FLOW CONTROL gasketed repair coupling, IPS Class 200	0806001	
169	4" HARCO FLOW CONTROL gasketed repair coupling, C900 Class 150	0806002	
170	4" ROMAC Extended Range Coupling, no. XR501 5.60x5.60 12"	0810001	
171	4" Mechanical Joint gate valve, resilient wedge, epoxy coated, open left	0808001	
172	4" Tapping valve, resilient wedge, epoxy coated, open left	0808002	
173	4" resilient wedge gate valve with ALPHA restraint	0808024	
174	4" EZ Valve, Open left, Steel OD (4.50), no. 040EZVOL450	0808003	
175	4" EZ Valve, Open left, CI,DI, C-900, (4.80-5.00), no. 040EZVOL500	0808004	
176	4" EZ Valve, Open left, CI (Oversized) AC 100/150, (5.05-5.15), no. 040EZVOL515	0808005	
177	4" EZ Valve, Open left, AC 150/200, (5.20-5.30), no. 040EZVOL530	0808006	
178	4" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	0808007	
179	4" 22½° bend, Mechanical Joint, Ductile Iron Class 350	0808008	
180	4" 45° bend, Mechanical Joint, Ductile Iron Class 350	0808009	
181	4" 90° bend, Mechanical Joint, Ductile Iron Class 350	0808010	
182	4" x 12" solid sleeve, Mechanical Joint, Ductile Iron Class 350	0808011	
183	4" Tee, Mechanical Joint, Ductile Iron Class 350	0808012	
184	4" Mechanical Joint cap, Ductile Iron Class 350	0808013	
185	4" x 2" Mechanical Joint cap x FIPT, Ductile Iron Class 350	0808014	



Bid No.	Description & Manufacturer Numbers	Product No.	Price
186	4" Mechanical Joint plug, Ductile Iron Class 350	0808015	
187	4" Foster Adapter	0808016	
188	4" Mechanical Joint gasket	0810002	
189	4" Transition gasket	0081003	
190	4" Mechanical Joint gland pack	0808017	
191	4" Transition gland pack	0808018	
192	4" Flange pack w/stainless steel bolts and nuts	0808019	
193	4" FORD Uni-flange series FUF1500SA for PVC , with accessory pack	0808020	
194	4" FORD Uni-flange series FUF1500CA for C900, with accessory pack	0808021	
195	4" FORD Uni-flange series 1400 for Ductile Iron, with accessory pack	0808022	
196	4" SMITH BLAIR bell joint clamp for PVC, no. 274-00000450-000	0803012	
197	4" WILKINS 350L Dual check valve, less valves, no. 4-350L	0808023	
198	6" x ¾" Saddle, PVC, no. S70-603	0901001	
199	6" x 1" Saddle, PVC, no. S70-604	0901002	
200	6" x 2" Saddle, PVC, no. S71-607	0901003	
201	6" x ¾" Saddle, C900, no. S90-603	0901004	
202	6" x 1" Saddle, C900, no. S90-604	0901005	
203	6" x 2" Saddle, C900, no. S91-607	0901006	
204	6" x ¾" Saddle, AC, no. 202B-750-CC3	0901007	
205	6" x 1" Saddle, AC, no. 202B-750-CC4	0901008	
206	6" x 2" Saddle, AC, no. 202B-750-IP7	0901009	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
207	6" x 7½" Stainless steel repair clamp, PVC, no. FS1-696x7.5, 520-7-684	0903001	
208	6" x 15" Stainless steel repair clamp, PVC, no. FS1-696x15	0903002	
209	6" x 7½ " Stainless steel repair clamp, Class 200 AC, no. FS1-724x7.5, 520-7-722	0903003	
210	6" x 15" Stainless steel repair clamp, Class 200 AC, no. FS1-724x15, 520-15-722	0903004	
211	6" x 20" Stainless steel repair clamp, Class 200 AC, no. FS1-724x20, 520-20-722	0903005	
212	6" x 30" Stainless steel repair clamp, Class 200 AC, no. FS1-724x30, 520-30-722	0903006	
213	6" x 4" Stainless steel tapping sleeve, PVC, no. FAST-700-4A, H-304-CS-730	0903007	
214	6" x 6" Stainless steel tapping sleeve, PVC, no. FAST-700-6A, H-304-CS-710	0903008	
215	6" x 4" Stainless steel tapping sleeve, AC Class 150, no. FAST-730-4A, H-304-CS-0730	0903009	
216	6" x 6" Stainless steel tapping sleeve, AC Class 150, no. FAST-730-6A, H-304-CS-0730	0903010	
217	6" x 4" Stainless steel tapping sleeve, AC Class 200, no. FAST-750-4A, H-304-CS-0750	0903011	
218	6" x 6" Stainless steel tapping sleeve, AC Class 200, no. FAST-750-6A, H-304-CS-0705	0903012	
219	6" HARCO FLOW CONTROL gasketed repair coupling, IPS Class 200	0906001	
220	6" HARCO FLOW CONTROL gasketed repair coupling, C900 Class 150	0906002	
221	6" ROMAC Extended Range Coupling, no. XR501 7.60x7.60 12"	0908001	
222	6" Mechanical Joint gate valve, resilient wedge, epoxy coated, open left	0908002	
223	6" Tapping valve, resilient wedge, epoxy coated, open left	0908003	
224	6" resilient wedge gate valve with ALPHA retrain	0908030	
225	6" EZ Valve, Open Left, Steel OD (6.625), no. 060EZVOL662	0908004	
226	6" EZ Valve, Open Left, CI, DI, C-900 (6.90-7.10), no. 060EZVOL710	0908005	
227	6" EZ Valve, Open Left, CI (Oversized), AC 100/150, (7.15-7.30), no. 060EZVOL730	0908006	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
228	6" EZ Valve, Open Left, AC 150/200, (7.40-7.55), no. 060EZVOL755	0908007	
229	6" Mechanical Joint cap, Ductile Iron Class 350	0908008	
230	6" x 2" Mechanical Joint cap x FIPT, Ductile Iron Class 350	0908009	
231	6" Mechanical Joint plug, Ductile Iron Class 350	0908010	
232	6" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	0908011	
233	6" 22½° bend, Mechanical joint, Ductile Iron Class 350	0908012	
234	6" 45° bend, Mechanical Joint, Ductile Iron Class 350	0908013	
235	6" 90° bend, Mechanical Joint, Ductile Iron Class 350	0908014	
236	6" x 12" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	0908015	
237	6" x 4" Tee, Mechanical Joint, Ductile Iron Class 350	0908016	
238	6" Tee, Mechanical Joint, Ductile Iron Class 350	0908017	
239	6" x 4" LEB, Ductile Iron Class 350 reducer	0908018	
240	6" x 4" PE, Ductile Iron Class 350 reducer	0908019	
241	6" x 4" Mechanical Joint, Ductile Iron Class 350 reducer	0908020	
242	6" x 4" SEB, Ductile Iron Class 350 reducer	0908021	
243	6" x 18" Swivel hydrant adapter	0908022	
244	6" Foster Adapter	0908023	
245	6" Mechanical Joint gasket	0910001	
246	6" Transition gasket	0910002	
247	6" Mechanical Joint gland pack	0908024	
248	6" Transition gland pack	0908025	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
249	6" Flange pack w/stainless steel bolts and nuts	0908026	
250	6" FORD Uni-Flange series FUFRR1500SA for PVC , with accessory pack	0908027	
251	6" FORD Uni-flange series FUFRR1500CA for C900, with accessory pack	0908028	
252	6" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	0908029	
253	6" SMITH BLAIR bell joint clamp for PVC, no. 274-00000663-000	0903030	
254	6" WILKINS 350L Dual check valve, less valves, no. 6-350L	0908031	
255	8" x ¾" Saddle, PVC, no. S70-803	1001001	
256	8" x 1" Saddle, PVC, no. S70-804	1001002	
257	8" x 2" Saddle, PVC, no. S71-807	1001003	
258	8" x ¾" Saddle, C900, no. S90-803	1001004	
259	8" x 1" Saddle, C900, no. S90-804	1001005	
260	8" x 2" Saddle, C900, no. S91-807	1001006	
261	8" x ¾" Saddle, AC, no. 202B-962-CC3	1001007	
262	8" x 1" Saddle, AC, no. 202B-962-CC4	1001008	
263	8" x 2" Saddle, AC, no. 202B-962-IP7	1001009	
264	8" x 7½" Stainless steel repair clamp, PVC, no. FS1-894x7.5, 520-7-899	1003001	
265	8" x 15" Stainless steel repair clamp, PVC, no. FS1-894x15, 520-15-899	1003002	
266	8" x 7½" Stainless steel repair clamp, AC Class 200, no. FS1-939x7.5, 520-7-940	1003003	
267	8" x 15" Stainless steel repair clamp, AC Class 200, no. FS1-939x15, 520-15-940	1003004	
268	8" x 20" Stainless steel repair clamp, AC Class 200, no. FS1-939x20, 520-20-940	1003005	
269	8" x 30" Stainless steel repair clamp, AC Class 200, no. FS1-939x30, 520-30-940	1003006	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
270	8" x 4" Stainless steel tapping sleeve, PVC, no. FAST-905-4A, H-304-CS-0906	1003007	
271	8" x 6" Stainless steel tapping sleeve, PVC, no. FAST-905-6A, H-304-CS-0906	1003008	
272	8" x 8" Stainless steel tapping sleeve, PVC, no. FAST-905-8A, H-304-CS-0915	1003009	
273	8" x 4" Stainless steel tapping sleeve, AC Class 150, no. FAST-945-4A, H-304-CS-0945	1003010	
274	8" x 6" Stainless steel tapping sleeve, AC Class 150, no. FAST-945-6A, H-304-CS-0945	1003011	
275	8" x 8" Stainless steel tapping sleeve, AC Class 150, no. FAST-945-8A, H-304-CS-0945	1003012	
276	8" x 4" Stainless steel tapping sleeve, AC Class 200, no. FAST-970-4A, H-304-CS-0945	1003013	
277	8" x 6" Stainless steel tapping sleeve, AC Class 200, no. FAST-970-6A, H-304-CS-0945	1003014	
278	8" x 8" Stainless steel tapping sleeve, AC Class 200, no. FAST-970-8A, H-304-CS-0945	1003015	
279	8" HARCO FLOW CONTROL gasketed repair coupling, IPS Class 200	1006001	
280	8" HARCO FLOW CONTROL gasketed repair coupling, C900 Class 150	1006002	
281	8" ROMAC Extended Range Coupling, no. XR501 9.75x9.75 12"	1003016	
282	8" Mechanical Joint gate valve, resilient wedge, epoxy coated, open left	1003017	
283	8" Tapping valve, resilient wedge, epoxy coated, open left	1003018	
284	8" resilient wedge gate valve with ALPHA restraint	1008001	
285	8" EZ Valve, Open Left, Steel OD (8.625), no. 080EZVOL862	1003019	
286	8" EZ Valve, Open Left, CI, DI, C-900, (9.05-9.15), no. 080EZVOL915	1003020	
287	8" EZ Valve, Open Left, CI (Oversized), AC 100, (9.20-9.30), no. 080EZVOL930	1003021	
288	8" EZ Valve, Open Left, AC 150, (9.35-9.50), no. 080EZVOL950	1003022	
289	8" EZ Valve, Open Left, AC 200, (9.55-9.70), no. 080EZVOL970	1003023	
290	8" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1003024	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
291	8" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1003025	
292	8" 45° bend, Mechanical Joint, Ductile Iron Class 350	1003026	
293	8" 90° bend, Mechanical Joint, Ductile Iron Class 350	1003027	
294	8" × 12" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1003028	
295	8" × 4" Tee, Mechanical Joint, Ductile Iron Class 350	1003029	
296	8" × 6" Tee, Mechanical Joint, Ductile Iron Class 350	1003030	
297	8" Tee, Mechanical Joint, Ductile Iron Class 350	1003031	
298	8" × 4" PE, Ductile Iron Class 350 reducer	1003032	
299	8" × 6" PE, Ductile Iron Class 350 reducer	1003033	
300	8" × 4" Mechanical Joint, Ductile Iron Class 350 reducer	1003034	
301	8" × 6" Mechanical Joint, Ductile Iron Class 350 reducer	1003035	
302	8" × 4" LEB, Ductile Iron Class 350 reducer	1003036	
303	8" × 6" LEB, Ductile Iron Class 350 reducer	1003037	
304	8" × 4" SEB, Ductile Iron Class 350 reducer	1003038	
305	8" × 6" SEB, Ductile Iron Class 350 reducer	1003039	
306	8" × 2" Mechanical Joint cap × FIPT, Ductile Iron Class 350	1003040	
307	8" Mechanical Joint plug, Ductile Iron Class 350	1003041	
308	8" Mechanical Joint cap, Ductile Iron Class 350	1003042	
309	8" Foster Adapter	1003043	
310	8" Mechanical Joint gasket	1010001	
311	8" Transition gasket	0101002	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
312	8" Mechanical Joint gland pack	1003044	
313	8" Transition gland pack	1003045	
314	8" Flange pack w/stainless steel bolts and nuts	1003046	
315	8" FORD Uni-Flange series FUF1500SA for PVC , with accessory pack	1003047	
316	8" FORD Uni-flange series FUF1500CA for C900, with accessory pack	1003048	
317	8" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1003049	
318	8" SMITH BLAIR bell joint clamp for PVC, no. 274-00000863-000	1003050	
319	8" SMITH BLAIR bell joint clamp for Ductile Iron, no 274-00000905-000	1003051	
320	8" WILKINS 350L Dual check valve, less valves, no. 8-350L	1003052	
321	10" x ¾" Saddle, C900 & PVC, no. S70-1003	1101001	
322	10" x 1" Saddle, C900 & PVC, no. S70-1004	1101002	
323	10" x 2" Saddle, C900 & PVC, no. S71-1007	1101003	
324	10" x 15" Stainless steel repair clamp, PVC, no. FS1-1104x15, 520-15-1104	1103001	
325	10" x 20" Stainless steel repair clamp, PVC, no. FS1-1104x20, 520-20-1104	1103002	
326	10" x 7½" Stainless steel repair clamp, Ductile Iron, no. FS1-1104x7.5, 520-7-1104	1103003	
327	10" x 15" Stainless steel repair clamp, Ductile Iron, no. FS1-1104x15, 520-15-1104	1103004	
328	10" x 4" Stainless steel tapping sleeve, PVC, no. FAST-1115-4A, H-304-CS-1113	1103005	
329	10" x 4" Stainless steel tapping sleeve, Ductile Iron & C900, no. FAST-1145-4A, H-304-CS-1145	1103006	
330	10" x 6" Stainless steel tapping sleeve, PVC, no. FAST-1115-6A, H-304-CS-1113	1103007	
331	10" x 6" Stainless steel tapping sleeve, Ductile Iron & C900, no. FAST-1145-6A, H-304-CS-1145	1103008	
332	10" x 8" Stainless steel tapping sleeve, PVC, no. FAST-1115-8A, H-304-CS-1113	1103009	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
333	10" x 8" Stainless steel tapping sleeve, Ductile Iron & C900, no. FAST-1145-8A, H-304-CS-1145	1103010	
334	10" ROMAC Extended Range Coupling, no. XR501 12.15x12.15 12"	1108001	
335	10" Mechanical Joint gate valve, resilient wedge, epoxy coated, open left	1108002	
336	10" Tapping valve, resilient wedge, epoxy coated, open left	1108003	
337	10" resilient wedge gate valve with ALPHA restraint	1108039	
338	10" EZ Valve, Open Left, Steel OD (10.75), no. 100EZVOL1075	1108004	
339	10" EZ Valve, Open Left, CI, DI,C-900 (11.10-11.20), no. 100EZVOL1120	1108005	
340	10" EZ Valve, Open Left, CI (Oversized), (11.25-11.40), no. 100EZVOL1140	1108006	
341	10" EZ Valve, Open Left, AC 100 (11.45-11.60), no. 100EZVOL1160	1108007	
342	10" EZ Valve, Open Left, AC 150 (11.65-11.80), no. 100EZVOL1180	1108008	
343	10" EZ Valve, Open Left, AC 200 (11.80-11.95), no. 100EZVOL1195	1108009	
344	10" EZ Valve, Open Left, AC 200 (12.05-12.12), no. 100EZVOL1212	1108010	
345	10" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1108011	
346	10" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1108012	
347	10" 45° bend, Mechanical Joint, Ductile Iron Class 350	1108013	
348	10" 90° bend, Mechanical Joint, Ductile Iron Class 350	1108014	
349	10" x 12" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1108015	
350	10" x 4" Tee, Mechanical Joint, Ductile Iron Class 350	1108016	
351	10" x 6" Tee, Mechanical Joint, Ductile Iron Class 350	1108017	
352	10" x 8" Tee, Mechanical Joint, Ductile Iron Class 350	1108018	
353	10" Tee, Mechanical Joint, Ductile Iron Class 350	1108019	



Bid No.	Description & Manufacturer Numbers	Product No.	Price
354	10" x 4" LEB, Ductile Iron Class 350 reducer	1108020	
355	10" x 6" LEB, Ductile Iron Class 350 reducer	1108021	
356	10" x 8" LEB, Ductile Iron Class 350 reducer	1108022	
357	10" x 4" Mechanical Joint, Ductile Iron Class 350 reducer	1108023	
358	10" x 6" Mechanical Joint, Ductile Iron Class 350 reducer	1108024	
359	10" x 8" Mechanical Joint, Ductile Iron Class 350 reducer	1108025	
360	10" x 8" SEB, Ductile Iron Class 350 reducer	1108026	
361	10" Mechanical Joint cap, Ductile Iron Class 350	1108027	
362	10" Mechanical Joint plug, Ductile Iron Class 350	1108028	
363	10" x 2" Mechanical Joint cap x FIPT, Ductile Iron Class 350	1108029	
364	10" Foster Adapter	1108030	
365	10" Mechanical Joint gasket	1110001	
366	10" Transition gasket	1110002	
367	10" Mechanical Joint gland pack	1108031	
368	10" Transition gland pack	1108032	
369	10" Flange pack w/stainless steel bolts and nuts	1108033	
370	10" FORD Uni-Flange series FUF1500SA for PVC , with accessory pack	1108034	
371	10" FORD Uni-flange series FUF1500CA for C900, with accessory pack	1108035	
372	10" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1108036	
373	10" SMITH BLAIR bell joint clamp for PVC, no. 274-00001075-000	1108037	
374	10" SMITH BLAIR bell joint clamp for Ductile Iron, no. 274-00001110-000	1108038	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
375	12" x ¾" Saddle, C900 & PVC, no. S70-1203	1201001	
376	12" x 1" Saddle, C900 & PVC, no. S70-1204	1201002	
377	12" x 2" Saddle, C900 & PVC, no. S71-IP7	1201003	
378	12" x 2" Saddle, Ductile Iron, no. 202B-1320-CC7	1201004	
379	12" x 15" Stainless steel repair clamp, PVC, no. FS1-1302x15, 520-15-1314	1203001	
380	12" x 20" Stainless steel repair clamp, PVC, no. FS1-1302x20, 520-20-1314	1203002	
381	12" x 7½" Stainless steel repair clamp, Ductile Iron, no. FS1-1302x7.5, 520-7-1314	1203003	
382	12" x 15" Stainless steel repair clamp, Ductile Iron, no. FS1-1302x15, 520-15-1314	1203004	
383	12" x 4" Stainless steel tapping sleeve, PVC, no. FAST-1320-4A, H-304-CS-1290	1203005	
384	12" x 6" Stainless steel tapping sleeve, PVC, no. FAST-1320-6A, H-304-CS-1290	1203006	
385	12" x 8" Stainless steel tapping sleeve, PVC, no. FAST-1320-8A, H-304-CS-1290	1203007	
386	12" x 10" Stainless steel tapping sleeve, PVC, no. FAST-1320-10A, H-304-CS-1290	1203008	
387	12" x 4" Stainless steel tapping sleeve, Ductile Iron, no. FAST-1350-4A, H-304-CS-1356	1203009	
388	12" x 6" Stainless steel tapping sleeve, Ductile Iron, no. FAST-1350-6A, H-304-CS-1356	1203010	
389	12" x 8" Stainless steel tapping sleeve, Ductile Iron, no. FAST-1350-8A, H-304-CS-1356	1203011	
390	12" x 10" Stainless steel tapping sleeve, Ductile Iron, no. FAST-1350-10A, H-304-CS-1356	1203012	
391	12" ROMAC Extended Range Coupling, no. XR501 12.50x14.41 13"	1208001	
392	12" Mechanical Joint gate valve, resilient wedge, epoxy coated, open left	1208002	
393	12" Tapping valve, resilient wedge, epoxy coated, open left	1208003	
394	12" resilient wedge gate valve with ALPHA restraint	1208044	
395	12" EZ Valve, Open Left, Steel OD (12.75), no. 120EZVOL1275	1208004	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
396	12" EZ Valve, Open Left, CI,DI,C-900 (13.20-13.30), no. 120EZVOL1330	1208005	
397	12" EZ Valve, Open Left, CI (Oversized), (13.35-13.45), no. 120EZVOL1345	1208006	
398	12" EZ Valve, Open Left, AC 100, (13.80-13.95), no. 120EZVOL1395	1208007	
399	12" EZ Valve, Open Left, AC 150, (14.05-14.25), no. 120EZVOL1425	1208008	
400	12" EZ Valve, Open Left, AC 200, (14.25-14.40), no. 120EZVOL1440	1208009	
401	12" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1208010	
402	12" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1208011	
403	12" 45° bend, Mechanical Joint, Ductile Iron Class 350	1208012	
404	12" 90° bend, Mechanical Joint, Ductile Iron Class 350	1208013	
405	12" × 12" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1208014	
406	12" × 4" Tee, Mechanical Joint, Ductile Iron Class 350	1208015	
407	12" × 6" Tee, Mechanical Joint, Ductile Iron Class 350	1208016	
408	12" × 8" Tee, Mechanical Joint, Ductile Iron Class 350	1208017	
409	12" × 10" Tee, Mechanical Joint, Ductile Iron Class 350	1208018	
410	12" Tee, Mechanical Joint, Ductile Iron Class 350	1208019	
411	12" Mechanical Joint cap, Ductile Iron Class 350	1208020	
412	12" Mechanical Joint plug, Ductile Iron Class 350	1208021	
413	12" × 2" Mechanical Joint cap, Ductile Iron Class 350	1208022	
414	12" × 4" LEB, Ductile Iron Class 350 reducer	1208023	
415	12" × 6" LEB, Ductile Iron Class 350 reducer	1208024	
416	12" × 8" LEB, Ductile Iron Class 350 reducer	1208025	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
417	12" x 10" LEB, Ductile Iron Class 350 reducer	1208026	
418	12" x 4" Mechanical Joint, Ductile Iron Class 350 reducer	1208027	
419	12" x 6" Mechanical Joint, Ductile Iron Class 350 reducer	1208028	
420	12" x 8" Mechanical Joint, Ductile Iron Class 350 reducer	1208029	
421	12" x 10" Mechanical Joint, Ductile Iron Class 350 reducer	1208030	
422	12" x 4" PE, Ductile Iron Class 350 reducer	1208031	
423	12" x 6" PE, Ductile Iron Class 350 reducer	1208032	
424	12" x 8" PE, Ductile Iron Class 350 reducer	1208033	
425	12" x 10" PE, Ductile Iron Class 350 reducer	1208034	
426	12" Foster adapter	1208035	
427	12" Mechanical Joint gasket	1210001	
428	12" Transition gasket	1210002	
429	12" Mechanical Joint gland pack	1208036	
430	12" Transition gland pack	1208037	
431	12" Flange pack w/stainless steel bolts and nuts	1208038	
432	12" FORD Uni-Flange series FUF1500SA for PVC , with accessory pack	1208039	
433	12" FORD Uni-flange series FUF1500CA for C900, with accessory pack	1208040	
434	12" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1208041	
435	12" SMITH BLAIR bell joint clamp for PVC, no. 274-00001275-000	1208042	
436	12" PowerSeal Model 3232 Bell Joint Leak Repair Clamp for Ductile Iron	1208043	
437	14" x 15" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1308001	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
438	14" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1308002	
439	14" Foster adapter	1308003	
440	14" Mechanical Joint gland pack	1308004	
441	14" Transition gland pack	1308005	
442	14" Flange pack w/stainless steel bolts and nuts	1308006	
443	16" x ¾" FORD Stainless steel saddle, Ductile Iron, no. FC202-1840-CC3	1403001	
444	16" x 1" FORD Stainless steel saddle, Ductile Iron, no. FC202-1840-CC4	1403002	
445	16" x 2" FORD Stainless steel saddle, Ductile iron, no. FC202-1840-IP7	1403003	
446	16" x 20" FORD Stainless steel repair clamp, no. FS2-1790x20	1403004	
447	16" x 4" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-1780-4A	1403005	
448	16" x 6" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-1780-6A	1403006	
449	16" x 8" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-1780-8A	1403007	
450	16" x 10" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-1780-10A	1403008	
451	16" x 12" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-1780-12A	1403009	
452	16" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1408001	
453	16" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1408002	
454	16" 45° bend, Mechanical Joint, Ductile Iron Class 350	1408003	
455	16" 90° bend, Mechanical Joint, Ductile Iron Class 350	1408004	
456	16" x 15" Solid Sleeve, Mechanical Joint, Ductile Iron Class 350	1408005	
457	16" x 6" Tee, Mechanical Joint, Ductile Iron Class 350	1408006	
458	16" x 8" Tee, Mechanical Joint, Ductile Iron Class 350	1408007	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
459	16" x 10" Tee, Mechanical Joint, Ductile Iron Class 350	1408008	
460	16" x 12" Tee, Mechanical Joint, Ductile Iron Class 350	1408009	
461	16" Tee, Mechanical Joint, Ductile Iron Class 350	1408010	
462	16" Mechanical Joint butterfly valve, epoxy coated, open left	1408011	
463	16" Tapping valve, resilient wedge, epoxy coated, open left	1408012	
464	16" Foster Adapter	1408013	
465	16" Mechanical Joint gasket	1410001	
466	16" Mechanical Joint gland pack	1410002	
467	16" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1408014	
468	16" PowerSeal Model 3232 Bell Joint Leak Repair Clamp for Ductile Iron	1408015	
469	20" x ¾" FORD Stainless steel saddle, Ductile Iron, no. FC202-2220-CC3	1503001	
470	20" x 1" FORD Stainless steel saddle, Ductile Iron, no. FC202-2220-CC4	1503002	
471	20" x 2" FORD Stainless steel saddle, Ductile Iron, no. FC202-2220-IP7	1503003	
472	20" x 20" FORD Stainless steel repair clamp, Ductile Iron, no. FS3-2280x20	1503004	
473	20" x 6" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2160-6A	1503005	
474	20" x 8" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2160-8A	1503006	
475	20" x 10" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2160-10A	1503007	
476	20" x 12" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2160-12A	1503008	
477	20" Mechanical Joint butterfly valve, epoxy coated, open left	1508001	
478	20" Tapping valve, resilient wedge, epoxy coated, open left	1508002	
479	20" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1508003	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
480	20" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1508004	
481	20" 45° bend, Mechanical Joint, Ductile Iron Class 350	1508005	
482	20" 90° bend, Mechanical Joint, Ductile Iron Class 350	1508006	
483	20" × 15" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1508007	
484	20" × 6" Tee, Mechanical Joint, Ductile Iron Class 350	1508008	
485	20" × 8" Tee, Mechanical Joint, Ductile Iron Class 350	1508009	
486	20" × 10" Tee, Mechanical Joint, Ductile Iron Class 350	1508010	
487	20" × 12" Tee, Mechanical Joint, Ductile Iron Class 350	1508011	
488	20" × 16" Tee, Mechanical Joint, Ductile Iron Class 350	1508012	
489	20" × 18" Tee, Mechanical Joint, Ductile Iron Class 350	1508013	
490	20" Tee, Mechanical Joint, Ductile Iron Class 350	1508014	
491	20" Mechanical Joint gasket	1510001	
492	20" Mechanical Joint gland pack	1510002	
493	20" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1508015	
494	20" PowerSeal Model 3232 Bell Joint Leak Repair Clamp for Ductile Iron	1508016	
495	24" × ¾" FORD Stainless steel saddle, Ductile Iron, no. FC202-2650-CC3	1603001	
496	24" × 1" FORD Stainless steel saddle, Ductile Iron, no. FC202-2650-CC4	1603002	
497	24" × 2" FORD Stainless steel saddle, Ductile Iron, no. FC202-2650-IP7	1603003	
498	24" × 20" FORD Stainless steel repair clamp, Ductile Iron, no. FS3-2700×20	1603004	
499	24" × 6" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2600-6A	1603005	
500	24" × 8" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2600-8A	1603006	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
501	24" x 10" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2600-10A	1603007	
502	24" x 12" FORD Stainless steel tapping sleeve, Ductile Iron, no. FAST-2600-12A	1603008	
503	24" Mechanical Joint butterfly valve, epoxy coated, open left	1608001	
504	24" Tapping valve, resilient wedge, epoxy coated, open left	1608002	
505	24" 11¼° bend, Mechanical Joint, Ductile Iron Class 350	1608003	
506	24" 22½° bend, Mechanical Joint, Ductile Iron Class 350	1608004	
507	24" 45° bend, Mechanical Joint, Ductile Iron Class 350	1608005	
508	24" 90° bend, Mechanical Joint, Ductile Iron Class 350	1608006	
509	24" x 15" Solid sleeve, Mechanical Joint, Ductile Iron Class 350	1608007	
510	24" x 6" Tee, Mechanical Joint, Ductile Iron Class 350	1608008	
511	24" x 8" Tee, Mechanical Joint, Ductile Iron Class 350	1608009	
512	24" x 10" Tee, Mechanical Joint, Ductile Iron Class 350	1608010	
513	24" x 12" Tee, Mechanical Joint, Ductile Iron Class 350	1608011	
514	24" x 16" Tee, Mechanical Joint, Ductile Iron Class 350	1608012	
515	24" x 18" Tee, Mechanical Joint, Ductile Iron Class 350	1608013	
516	24" Tee, Mechanical Joint, Ductile Iron Class 350	1608014	
517	24" Mechanical Joint gland pack	1608015	
518	24" Foster adapter	1608016	
519	24" Mechanical Joint gasket	1610001	
520	24" FORD Uni-Flange series 1400 for Ductile Iron, with accessory pack	1608017	
521	24" PowerSeal Model 3232 Bell Joint Leak Repair Clamp for Ductile Iron	1608018	



Bid No.	Description & Manufacturer Numbers	Product No.	Price
522	Fire hydrant, 3' bury, KENNEDY K81A no. 6151026330, MUELLER A-423	1708001	
523	Fire hydrant, 3½' bury, KENNEDY K81A no. 6151026335, MUELLER A-423	1708002	
524	Fire hydrant, 4' bury, KENNEDY K81A no. 6151026340, MUELLER A-423	1708003	
525	Fire hydrant, 4½' bury, KENNEDY K81A no. 6151026345, MUELLER A-423	1708004	
526	Fire hydrant, 5' bury, KENNEDY K81A no. 6151026350, MUELLER A-423	1708005	
527	Fire hydrant, 5½' bury, KENNEDY K81A no. 6151026355, MUELLER A-423	1708006	
528	Fire hydrant, 6' bury, KENNEDY K81A no. 6151026360, MUELLER A-423	1708007	
529	1' Hydrant extension, no. K8150-1, A-320, 27-150-70100	1708008	
530	1½' Hydrant extension, no. K8150-1.5, A-320	1708009	
531	2' Hydrant extension, no. K8150-2, A-320, 27-150-70300	1708010	
532	3' Hydrant extension, no. K8150-3, A-320	1708011	
533	KENNEDY collision repair kit, no. 1-58-00008	1710001	
534	MUELLER collision repair kit, no. A301	1710002	
535	SYNERTECH 24x36x24 Box, no. 32168101	1710003	
536	SYNERTECH 24x36 Lid, no. 31250521	1710004	
537	SYNERTECH 24x36x24 Box	1710005	
538	Cast iron valve box, short, no. 562-S	1708012	
539	Cast iron valve box, tall, no. 564-S	1708013	
540	Missouri Top Hat valve box top with lid, no. 2194-W	1708014	
541	2" Valve box extension	1708015	
542	4" Valve box extension	1708016	

Bid No.	Description & Manufacturer Numbers	Product No.	Price
543	6" Valve box extension	1708017	
544	Oatey pipe gasket lube (quarts), no. 30600	1710006	

**Vendor** \_\_\_\_\_

**Authorized Agent** \_\_\_\_\_

**Contact Information** \_\_\_\_\_