

Group 1 - Brass Water Service Parts

Acceptable Manufacturers Include

Ford Meter Box Co. A.Y. McDonald Mfg. Co. Cambridge Brass Red Hed Jones

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		3/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-333 or equal	<u>\$71.08</u>	<u>\$3,554</u>
2	200	Each		1" Ball Valve Curb Stop, Comp X Comp., Ford B44-444 or equal	<u>\$106.85</u>	<u>\$21,370</u>
3	2	Each		1 1/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-555 or equal	<u>\$169.41</u>	<u>\$338.82</u>
4	3	Each		1 1/2" Ball Valve Curb Stop, Comp X Comp., Ford B44-666 or equal	<u>\$255.70</u>	<u>\$767.10</u>
5	3	Each		2" Ball Valve Curb Stop, Comp X Comp., Ford B44-777 or equal	<u>\$389.45</u>	<u>\$1,075.35</u>
6	100	Each		3/4" CTS, Solid Stainless Steel Insert Stiffener, Ford # 51 or equal	<u>\$2.61</u>	<u>\$261.00</u>
7	1500	Each		1" CTS, Solid Stainless Steel Insert Stiffener, Ford # 52 or equal	<u>\$2.77</u>	<u>\$4,155</u>
8	100	Each		3/4" MIP X 3/4" Comp. Male Adapter, Ford C84-33 or equal	<u>\$16.09</u>	<u>\$1,609</u>
9	100	Each		1" MIP X 1" Comp. Male Adapter, Ford C84-44 or equal	<u>\$19.06</u>	<u>\$1,906</u>
10	100	Each		3/4" MIP X 1" Comp. Male Adapter, Ford C84-34 or equal	<u>\$17.81</u>	<u>\$1,781</u>
11	100	Each		3/4" FIP X 3/4" Comp. Female Adapter, Ford C14-33 or equal	<u>\$16.93</u>	<u>\$1,693</u>
12	100	Each		1" FIP X 1" Comp. Female Adapter, Ford C14-44 or equal	<u>\$22.96</u>	<u>\$2,296</u>
13	400	Each		3/4" FIP X 1" Comp. Female Adapter, Ford C14-34 or equal	<u>\$19.94</u>	<u>\$7,976</u>
14	400	Each		1-1/4" FIP X 1" Comp. Female Adapter, Ford C14-54 or equal	<u>\$26.94</u>	<u>\$10,776</u>
15	100	Each		3/4" Comp X Comp. Three Part Coupling, Ford C44-33, or equal	<u>\$19.59</u>	<u>\$1,959</u>
16	350	Each		1" Comp X Comp. Three Part Coupling, Ford C44-44 or equal	<u>\$22.42</u>	<u>\$7,847</u>
17	6	Each		1-1/4" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	<u>\$38.70</u>	<u>\$232.20</u>
18	6	Each		1-1/2" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	<u>\$74.99</u>	<u>\$449.94</u>
19	6	Each		2" Comp X Comp. Three Part Coupling, Ford C44-77, or equal	<u>\$101.27</u>	<u>\$607.62</u>
Bidder Must Bid ALL Items Within Group 1 To Be Considered For Group 1 Award					Group 1 Grand Total	\$70,657.03

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2A - Multi-Bolt Flexible Repair Couplings and Repair Clamps

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		2" Two Bolt Iron Pipe Coupling, Range: 2.38 O.D., Ford FC-3 or equal	\$46.90	\$2,345
2	25	Each		2" Adapter Gasket, converts, 2" copper (2.25 O.D.) to 2" Iron Pipe (2.38 O.D.)	\$8.20	\$205.00
3	2	Each		4" Flexible Coupling, O.D. Range: 4.80 - 5.10 nominal, Ford FC1 or equal	\$98.36	\$196.72
4	20	Each		6" Flexible Coupling, O.D. Range: 6.84 - 7.20 nominal, Ford FC1 or equal	\$133.89	\$2,677.80
5	20	Each		8" Flexible Coupling, O.D. Range: 9.05 - 9.40 nominal, Ford FC1 or equal	\$169.63	\$3,392.60
6	4	Each		10" Flexible Coupling, O.D. Range: 11.10 - 11.40 nominal, Ford FC1 or equal	\$234.02	\$936.08
7	6	Each		12" Flexible Coupling, O.D. Range: 13.20 - 13.56 nominal, Ford FC1 or equal	\$281.39	\$1,688.34
8	2	Each		14" Flexible Coupling, O.D. Range: 15.30 - 15.70 nominal, Ford FC2A or equal	\$485.93	\$971.86
9	2	Each		16" Flexible Coupling, O.D. Range: 17.40 - 17.80 nominal, Ford FC2A or equal	\$585.41	\$1,170.82
10	24	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$113.04	\$2,712.96
11	12	Each		6" X 12.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$180.75	\$2,169
12	6	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$158.10	\$948.60
13	24	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$132.68	\$3,184.32
14	24	Each		8" X 12.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$212.48	\$5,099.52
15	6	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 9.05 - 9.40 nominal, Ford F1 or equal	\$177.74	\$1,066.44
16	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$174.44	\$697.76
17	4	Each		10" X 12.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$270.94	\$1,083.76
18	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$219.50	\$878.00
19	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$350.55	\$701.10
20	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$400.62	\$801.24
21	6	Each		8" X 6" Flexible Reducing Coupling, O.D. Range: 9.05 - 9.40 X 6.90 - 7.20 nominal, Ford FC6-940-720-R or equal	\$341.00	\$2,046
Bidder Must Bid ALL Items Within Group 2A To Be Considered For Group 2A Award					Group 2A Grand Total	\$34,972.92

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2B - Two (2) Bolt Wide (Extended) Range Repair Couplings

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		2" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 2.10 - 3.00 Nominal	\$196.43	\$1,178.58
2	2	Each		4" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 4.30 - 5.60 Nominal	\$331.80	\$663.76
3	18	Each		6" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 6.50 - 7.60 Nominal	\$437.97	\$7,883.46
4	24	Each		8" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 8.60 - 9.80 Nominal	\$495.95	\$11,902.80
5	4	Each		10" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 10.70 - 12.00 Nominal	\$641.52	\$2,566.08
6	10	Each		12" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 12.60 - 13.70 Nominal	\$755.03	\$7,550.30
Bidder Must Bid ALL Items Within Group 2B To Be Considered For Group 2B Award					Group 2B Grand Total	\$ 31,744.98

Group 3 - Brass Meter Service Parts

Acceptable Manufacturers include

-Ford Meter Box Co. -A.Y. McDonald Mfg. Co. -Cambridge Brass -Mueller Co. -Jones -Lee Brass Co. -Merit Brass Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	500	Each		1" MIP X Flare Male Adapter, Ford C28-44 or equal	\$20.76	\$10,380
2	500	Each		1" FIP X FIP Ball Valve w/handle, Ford B11-444-HB-34 or equal	\$92.02	\$46,010
3	500	Each		1" X Close Brass Nipple	\$3.76	\$1,880
4	500	Each		1" X 1/2" Brass Elbow	\$9.77	\$4,885
5	50	Each		1" X 3/4" Brass Elbow	\$9.77	\$488.50
6	50	Each		1" x 1" Brass Elbow	\$7.83	\$391.50
7	50	Each		1" X 1/4" Brass Bushing	\$4.12	\$206.00
8	100	Each		1 X 1/2" Brass Bushing	\$4.12	\$412.00
9	50	Each		1" X 1" X 1" Brass Tee	\$11.12	\$556.00
10	200	Each		3/4" FIP X FIP Ball Valve w/handle, Ford B11-333-HB-34 or equal	\$60.95	\$12,190
11	500	Each		3/4" X Close Brass Nipple	\$2.53	\$1,265
12	1000	Each		5/8" straight X 1/2" MIP Meter Coupling, (for 5/8" meter), Ford C38-11-2.375 or equal	\$10.00	\$10,000
13	2000	Each		5/8" Meter Gasket, Waxed Leather, Ford GT-167 or equal	\$0.72	\$1,440
14	20	Each		1" straight X 1/4" MIP Meter Coupling, (for 1/4" meter), Ford C38-23-2.5 or equal	\$11.32	\$226.40
15	50	Each		1/4" Meter Gasket, Waxed Leather, Ford GT-113 or equal	\$0.70	\$35.00
16	20	Each		1-1/4" straight X 1" MIP Meter Coupling, (for 1" meter), Ford C38-44-2.625 or equal	\$17.44	\$348.80
17	50	Each		1" Meter Gasket, Waxed Leather, Ford CGT-163	\$0.78	\$39.00
18	10	Each		2" FIP X 1-1/2" MIP Meter Coupling w/washer faced bushing and gasket, (1-1/2" meter), Ford 38-66 or equal	\$87.42	\$847.20
19	10	Each		2-1/2" FIP X 2" MIP Meter Coupling w/washer faced bushing and gasket, (2" meter), Ford 38-77 or equal	\$122.45	\$1,224.50
20	5	Each		1-1/4" FIP X FIP Ball Valve w/handle, Ford B11-555-HB-67 or equal	\$115.98	\$579.90
21	5	Each		1-1/2" FIP X FIP Ball Valve w/handle, Ford B11-666-HB-67 or equal	\$139.28	\$696.40
22	10	Each		2" FIP X FIP Ball Valve w/handle, Ford B11-777-HB-67 or equal	\$203.16	\$2,031.60
Bidder Must Bid ALL Items Within Group 3 To Be Considered For Group 3 Award					Group 3 Grand Total	\$97,471.90

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4A - Fire Hydrants**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	3	Each	Kennedy Valve Co.	4.0 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
2	6	Each	Kennedy Valve Co.	4.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
3	6	Each	Kennedy Valve Co.	5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
4	100	Each	Kennedy Valve Co.	5.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
5	6	Each	Kennedy Valve Co.	6 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
6	3	Each	Kennedy Valve Co.	6.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ _____	\$ _____
7	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and yellow cap., No Equal	\$ _____	\$ _____
8	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and white cap., No Equal	\$ _____	\$ _____
9	25	Each	Kennedy Valve Co.	6" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ _____	\$ _____
10	10	Each	Kennedy Valve Co.	12" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ _____	\$ _____
11	6	Each	Kennedy Valve Co.	18" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ _____	\$ _____
12	2	Each	Kennedy Valve Co.	24" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ _____	\$ _____
13	2	Each	Kennedy Valve Co.	30" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ _____	\$ _____
Bidder Must Bid ALL Items Within Group 4A To Be Considered For Group 4A Award					Group 4A Grand Total	\$ No Bid

Group 4 - Hydrants and Hydrant Parts

*****The Only Acceptable Manufacturer*****

- Kennedy Valve Co.

Group 4B - Fire Hydrants Equipped with Factory Installed Pressure and Temp Monitoring Technology

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	1	Each	Kennedy Valve Co.	5.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ _____	\$ _____
2	1	Each	Kennedy Valve Co.	5.5 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ _____	\$ _____
3	1	Each	Kennedy Valve Co.	6.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ _____	\$ _____
Bidder Must Bid ALL Items Within Group 4B To Be Considered For Group 4B Award					Group 4B Grand Total	\$ <u>No Bid</u>

Group 4 - Hydrants and Hydrant Parts

The Only Acceptable Manufacturer

- Kennedy Valve Co.

Group 4C - Hydrant OEM Replacement Parts

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	25	Each	Kennedy Valve Co.	K-8101, Alemite Fitting	\$ _____	\$ _____
2	50	Each	Kennedy Valve Co.	Worcester Spec Operating Stem Nut (Part # 322852R)	\$ _____	\$ _____
3	100	Each	Kennedy Valve Co.	K-8106, Thrust Washer	\$ _____	\$ _____
4	10	Each	Kennedy Valve Co.	Worcester Spec Hose Nozzle Cap (Part # 3201262)	\$ _____	\$ _____
5	10	Each	Kennedy Valve Co.	Worcester Spec Steamer Nozzle Cap (Part # 3201272)	\$ _____	\$ _____
6	50	Each	Kennedy Valve Co.	K-8114, Upper Stem	\$ _____	\$ _____
7	15	Each	Kennedy Valve Co.	K-8115, Upper Barrel	\$ _____	\$ _____
8	200	Each	Kennedy Valve Co.	K-8118, Bolt & Nut	\$ _____	\$ _____
9	100	Each	Kennedy Valve Co.	K-8122, Clip only, Lower coupling Pins	\$ _____	\$ _____
10	25	Each	Kennedy Valve Co.	K-8142H, Hose Nozzle (includes set screw & "O" ring with each)	\$ _____	\$ _____
11	10	Each	Kennedy Valve Co.	K-8142S, Steamer Nozzle (includes set screw & "O" ring with each)	\$ _____	\$ _____
12	100	Each	Kennedy Valve Co.	K-8149, Collision repair Kit	\$ _____	\$ _____
13	100	Each	Kennedy Valve Co.	K-8143H, Hose Nozzle Cap Gasket	\$ _____	\$ _____
14	100	Each	Kennedy Valve Co.	K-8143S, Steamer Nozzle Cap Gasket	\$ _____	\$ _____
15	100	Each	Kennedy Valve Co.	K-8145S, O-ring for Steamer Nozzle	\$ _____	\$ _____
16	100	Each	Kennedy Valve Co.	K-8145H, O-ring for Hose Nozzle	\$ _____	\$ _____
17	50	Each	Kennedy Valve Co.	K-8105, O-ring for Operating Stem Nut	\$ _____	\$ _____
18	25	Each	Kennedy Valve Co.	K-8104, Stem Lock Nut	\$ _____	\$ _____
19	25	Each	Kennedy Valve Co.	K-8103, Dirt Shield	\$ _____	\$ _____
Bidder Must Bid ALL Items Within Group 4C To Be Considered For Group 4C Award					Group 4C Grand Total	\$ <u>No Bid</u>

Group 5 - Water Curb Stop Boxes and Valve Boxes

Group 5A - Curb Stop Boxes

Acceptable Manufacturers Include

- A.Y. McDonald - Bingham & Taylor - EJ - General Foundries - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	200	Each		4-1/2 ft. - 5-1/2 ft., Erie Curb Box, Rod Style w/Pentagonal Nut Cover and 36" Rod		1
2	200	Each		Erie Cover with Pentagonal Nut		
3	50	Each		24" Rod		
4	50	Each		6" Curb Box Extension	\$ _____	\$ _____
5	50	Each		12" Curb Box Extension	\$ _____	\$ _____
6	50	Each		18" Curb Box Extension	\$ _____	\$ _____
Bidder Must Bid ALL Items Within Group 5A To Be Considered For Group 5A Award					Group 5A Grand Total	\$ <u>NO BID</u>

Group 5 - Water Curb Stop Boxes and Valve Boxes

Group 5B - Valve Boxes (BABA Compliant)

Acceptable Manufacturers Include

- Bingham & Taylor - EJ - Tyler Union

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	400	Each		6" Gate Box Cover	\$20.30	\$8,120
2	200	Each		26" Long Gate Box Top	\$124.56	\$24,912
3	200	Each		36" Long Gate Box Bottom	\$119.94	\$23,988
4	50	Each		18" Long Gate Box Extension	\$94.11	\$4,705.50
Bidder Must Bid ALL Items Within Group 5B To Be Considered For Group 5B Award					Group 5B Grand Total	\$79,876.13

Group 6 - Worcester Spec. Service Boxes

Acceptable Manufacturers include

- Bingham & Taylor - EJ - Cambridge Brass - General Foundries - Sigma Corp - Tyler Union

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	250	Each		A-7, 4" Service Box Top (Long - 30") Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ _____
2	250	Each		A-7, 4" Service Box Top (Short - 18") Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ _____
3	250	Each		A-4, 4" Service Box Bottom (Split) Worcester Spec. Custom made, Cast Iron	\$ _____	\$ _____
4	300	Each		A-3, 4" Service Box Cover Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ _____
Bidder Must Bid ALL Items Within Group 6 To Be Considered For Group 6 Award					Group 6 Grand Total	\$NO Bid

Group 7 - Water Pipe, Valves, Fittings

Group 7A - Class 52 Ductile Iron Pipe, Zinc Coated

Acceptable Manufacturers Include

- American Ductile Iron Pipe Co. - American Ductile Iron Pipe - Clow Valve Co. - Griffin Pipe Products Co. - Healy Platt Co. - Kennedy Valve Co. - M&H Valve Co.
 - McWane Ductile - Mueller Co. - Sigma Corp. - Tyler Union - U.S. Pipe & Foundry Co. - United Brand

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	20	Feet		3-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>01</u>	\$ <u>20</u>
2	20	Feet		4-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>48.47</u>	\$ <u>969.40</u>
3	200	Feet		6-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>38.67</u>	\$ <u>7,734</u>
4	200	Feet		8-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>52.06</u>	\$ <u>10,412</u>
5	20	Feet		10-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>68.14</u>	\$ <u>1,362.80</u>
6	80	Feet		12-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>85.84</u>	\$ <u>6,867.20</u>
7	20	Feet		14-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ <u>107.95</u>	\$ <u>2,159</u>
Bidder Must Bid ALL Items Within Group 7A To Be Considered For Group 7A Award					Group 7A Grand Total	\$ <u>29,504.60</u>

Group 7 - Water Pipe, Valves, Fittings

Group 7B - Resilient Wedge Gate Valves

Acceptable Manufacturers Include

- American AVK Co. - American Flow Control - Clow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		4-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$795.94	\$1,591.88
2	12	Each		6-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$1,016.04	\$12,192.48
3	12	Each		8-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$1,616.75	\$19,401
4	1	Each		10-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$2,520.40	\$2,520.40
5	6	Each		12-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$3,189.48	\$19,136.88
6	1	Each		14-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$11,904.76	\$11,904.76
7	1	Each		16-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$10,238.10	\$10,238.10
Bidder Must Bid ALL Items Within Group 7B To Be Considered For Group 7B Award					Group 7B Grand Total	\$ 87,404.85

Group 7 - Water Pipe, Valves, Fittings

Group 7C - Butterfly Valves

Acceptable Manufacturers Include

- American Flow Control - Glow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		16-Inch Butterfly Valve, <u>CLASS 250 B</u> , Mechanical Joint, Ductile Iron Body, 450 ft. lb. Rated Operator, Epoxy Coating, Open Right	\$6,593.42	\$ 13,186.84
Bidder Must Bid ALL Items Within Group 7C To Be Considered For Group 7C Award					Group 7C Grand Total	\$ _____

Group 7 - Water Pipe, Valves, Fittings

Group 7D - Mechanical Joint Accessories

Acceptable Manufacturers Include

- Block Buster - Ebbel Iron - MEGALUG - One Lok - Sigma - TUF Grip - Tyler Union - Uni Flange

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		4" Mechanical Joint Restraint Gland w/ 4" MJ gasket, T-head bolts and nuts	\$ 35.75	\$ 214.50
2	75	Each		6" Mechanical Joint Restraint Gland w/ 6" MJ gasket, T-head bolts and nuts	\$ 40.05	\$ 3,003.75
3	50	Each		8" Mechanical Joint Restraint Gland w/ 8" MJ gasket, T-head bolts and nuts	\$ 55.18	\$ 2,759
4	4	Each		10" Mechanical Joint Restraint Gland w/ 10" MJ gasket, T-head bolts and nuts	\$ 93.69	\$ 374.76
5	20	Each		12" Mechanical Joint Restraint Gland w/ 12" MJ gasket, T-head bolts and nuts	\$ 110.49	\$ 2,209.80
6	4	Each		14" Mechanical Joint Restraint Gland w/ 14" MJ gasket, T-head bolts and nuts	\$ 181.17	\$ 724.68
7	6	Each		16" Mechanical Joint Restraint Gland w/ 16" MJ gasket, T-head bolts and nuts	\$ 258.55	\$ 1,551.30
Bidder Must Bid ALL Items Within Group 7D To Be Considered For Group 7D Award					Group 7D Grand Total	\$ 10,837.79

Group 8 - Polyethylene Water Service Tubing

Acceptable Manufacturers Include

-Endot Industries - Silver Line Plastics

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	10,000	Feet		1-Inch Polyethylene Tubing, 100 ft. coil, PE 4710, 250 PSI	\$.59	\$ 5,900
Bidder Must Bid ALL Items Within Group 8 To Be Considered For Group 8 Award					Group 8 Grand Total	\$ 5,900

Group 1 - Brass Water Service Parts

Acceptable Manufacturers Include

Ford Meter Box Co. A.Y. McDonald Mfg. Co. Cambridge Brass Red Hed Jones

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each	Ford	3/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-333 or equal	71.08	3,554.00
2	200	Each	Ford	1" Ball Valve Curb Stop, Comp X Comp., Ford B44-444 or equal	106.87	21,374.00
3	2	Each	Ford	1 1/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-555 or equal	169.32	338.64
4	3	Each	Ford	1 1/2" Ball Valve Curb Stop, Comp X Comp., Ford B44-666 or equal	255.72	767.16
5	3	Each	Ford	2" Ball Valve Curb Stop, Comp X Comp., Ford B44-777 or equal	359.50	1,078.50
6	100	Each	Ford	3/4" CTS, Solid Stainless Steel Insert Stiffener, Ford # 51 or equal	1.59	159.00
7	1500	Each	Ford	1" CTS, Solid Stainless Steel Insert Stiffener, Ford # 52 or equal	1.69	2,535.00
8	100	Each	Ford	3/4" MIP X 3/4" Comp. Male Adapter, Ford C84-33 or equal	16.09	1,609.00
9	100	Each	Ford	1" MIP X 1" Comp. Male Adapter, Ford C84-44 or equal	19.05	1,905.00
10	100	Each	Ford	3/4" MIP X 1" Comp. Male Adapter, Ford C84-34 or equal	17.82	1,782.00
11	100	Each	Ford	3/4" FIP X 3/4" Comp. Female Adapter, Ford C14-33 or equal	16.93	1,693.00
12	100	Each	Ford	1" FIP X 1" Comp. Female Adapter, Ford C14-44 or equal	22.97	2,297.00
13	400	Each	Ford	3/4" FIP X 1" Comp. Female Adapter, Ford C14-34 or equal	19.94	7,976.00
14	400	Each	Ford	1-1/4" FIP X 1" Comp. Female Adapter, Ford C14-54 or equal	24.61	9,844.00
15	100	Each	Ford	3/4" Comp X Comp. Three Part Coupling, Ford C44-33, or equal	19.59	1,959.00
16	350	Each	Ford	1" Comp X Comp. Three Part Coupling, Ford C44-44 or equal	22.42	7,847.00
17	6	Each	Ford	1-1/4" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	38.71	232.26
18	6	Each	Ford	1-1/2" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	75.03	450.18
19	6	Each	Ford	2" Comp X Comp. Three Part Coupling, Ford C44-77, or equal	101.27	607.62
Bidder Must Bid ALL Items Within Group 1 To Be Considered For Group 1 Award					Group 1 Grand Total	68,008.36

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2A - Multi-Bolt Flexible Repair Couplings and Repair Clamps

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each	Ford	2" Two Bolt Iron Pipe Coupling, Range: 2.38 O.D., Ford FC-3 or equal	\$86.38	\$4319.00
2	25	Each	SB	2" Adapter Gasket, converts, 2" copper (2.25 O.D.) to 2" Iron Pipe (2.38 O.D.)	\$33.75	\$843.75
3	2	Each	Ford	4" Flexible Coupling, O.D. Range: 4.80 - 5.10 nominal, Ford FC1 or equal	\$72.94	\$145.88
4	20	Each	Ford	6" Flexible Coupling, O.D. Range: 6.84 - 7.20 nominal, Ford FC1 or equal	\$102.20	\$2044.00
5	20	Each	Ford	8" Flexible Coupling, O.D. Range: 9.05 - 9.40 nominal, Ford FC1 or equal	\$132.79	\$2,655.80
6	4	Each	Ford	10" Flexible Coupling, O.D. Range: 11.10 - 11.40 nominal, Ford FC1 or equal	\$188.58	\$754.32
7	6	Each	Ford	12" Flexible Coupling, O.D. Range: 13.20 - 13.56 nominal, Ford FC1 or equal	\$234.33	\$1,405.98
8	2	Each	Ford	14" Flexible Coupling, O.D. Range: 15.30 - 15.70 nominal, Ford FC2A or equal	\$455.30	\$910.60
9	2	Each	Ford	16" Flexible Coupling, O.D. Range: 17.40 - 17.80 nominal, Ford FC2A or equal	\$548.22	\$1,096.44
10	24	Each	Ford	6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$90.30	\$2,167.20
11	12	Each	Ford	6" X 12.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$138.04	\$1,656.48
12	6	Each	Ford	6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$111.69	\$670.14
13	24	Each	Ford	8" X 7.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$101.20	\$2,428.80
14	24	Each	Ford	8" X 12.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$147.03	\$3,528.72
15	6	Each	Ford	8" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 9.05 - 9.40 nominal, Ford F1 or equal	\$141.35	\$848.10
16	4	Each	Ford	10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$126.21	\$504.84
17	4	Each	Ford	10" X 12.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$190.92	\$763.68
18	4	Each	Ford	10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$147.26	\$589.04
19	2	Each	Ford	12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$201.50	\$403.00
20	2	Each	Ford	12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$224.71	\$449.42
21	6	Each	Ford	8" X 6" Flexible Reducing Coupling, O.D. Range: 9.05 - 9.40 X 6.90 - 7.20 nominal, Ford FC6-940-720-R or equal	\$552.80	\$3,316.80
Bidder Must Bid ALL Items Within Group 2A To Be Considered For Group 2A Award					Group 2A Grand Total	\$31,501.99

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Bormag - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2B - Two (2) Bolt Wide (Extended) Range Repair Couplings

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each	Hymax	2" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 2.10 - 3.00 Nominal	\$193.20	\$1,159.20
2	2	Each	Ford	4" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 4.30 - 5.60 Nominal	\$272.09	\$544.18
3	18	Each	Ford	6" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 6.50 - 7.60 Nominal	\$360.34	\$6,486.12
4	24	Each	Ford	8" Two Bolt wide (Extended) Range Coupling, O.D. Range: 8.60 - 9.80 Nominal	\$402.64	\$9,663.36
5	4	Each	Ford	10" Two Bolt Wide (extended) Range Coupling, O.D. Range: 10.70 - 12.00 Nominal	\$520.42	\$2,081.68
6	10	Each	Ford	12" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 12.60 - 13.70 Nominal	\$617.30	\$6,173.00
Bidder Must Bid ALL Items Within Group 2B To Be Considered For Group 2B Award					Group 2B Grand Total	\$26,107.54

Stiles Company, Inc.

Group 3 - Brass Meter Service Parts

Acceptable Manufacturers include

-Ford Meter Box Co., -A.Y. McDonald Mfg. Co., -Cambridge Brass, -Mueller Co., -Jones, -Lee Brass Co., -Merit Brass Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	500	Each	Ford	1" MIP X Flare Male Adapter, Ford C28-44 or equal	\$20.45	10,225.00
2	500	Each	Ford	1" FIP X FIP Ball Valve w/handle, Ford B11-444-HB-34 or equal	\$90.66	45,330.00
3	500	Each	Merit	1" X Close Brass Nipple	\$4.73	2,365.00
4	500	Each	Merit	1" X 1/2" Brass Elbow	\$11.80	5,900.00
5	50	Each	Merit	1" X 3/4" Brass Elbow	\$11.41	570.50
6	50	Each	Merit	1" x 1" Brass Elbow	\$8.85	442.50
7	50	Each	Merit	1" X 1/4" Brass Bushing	\$4.64	232.00
8	100	Each	Merit	1 X 1/2" Brass Bushing	\$4.84	484.00
9	50	Each	Merit	1" X 1" X 1" Brass Tee	\$12.51	625.50
10	200	Each	Ford	3/4" FIP X FIP Ball Valve w/handle, Ford B11-333-HB-34 or equal	\$60.02	12,004.00
11	500	Each	Merit	3/4" X Close Brass Nipple	\$3.21	1,605.00
12	1000	Each	Ford	5/8" straight X 1/2" MIP Meter Coupling, (for 5/8" meter), Ford C38-11-2.375 or equal	\$9.25	9,250.00
13	2000	Each	Ford	5/8" Meter Gasket, Waxed Leather, Ford GT-167 or equal	\$.51	1,020.00
14	20	Each	Ford	1" straight X 1/2" MIP Meter Coupling, (for 1/2" meter), Ford C38-23-2.5 or equal	\$10.51	210.20
15	50	Each	Ford	3/4" Meter Gasket, Waxed Leather, Ford GT-113 or equal	\$.52	26.00
16	20	Each	Ford	1-1/2" straight X 1" MIP Meter Coupling, (for 1" meter), Ford C38-44-2.625 or equal	\$16.17	323.40
17	50	Each	Ford	1" Meter Gasket, Waxed Leather, Ford CGT-163	\$.65	32.50
18	10	Each	Ford	2" FIP X 1-1/2" MIP Meter Coupling w/washer faced bushing and gasket, (1-1/2" meter), Ford 38-66 or equal	\$83.85	838.50
19	10	Each	Ford	2-1/2" FIP X 2" MIP Meter Coupling w/washer faced bushing and gasket, (2" meter), Ford 38-77 or equal	\$118.95	1,189.50
20	5	Each	Ford	1-1/4" FIP X FIP Ball Valve w/handle, Ford B11-555-HB-67 or equal	\$151.29	756.45
21	5	Each	Ford	1-1/2" FIP X FIP Ball Valve w/handle, Ford B11-666-HB-67 or equal	\$187.21	936.05
22	10	Each	Ford	2" FIP X FIP Ball Valve w/handle, Ford B11-777-HB-67 or equal	\$268.57	2,685.70
Bidder Must Bid ALL Items Within Group 3 To Be Considered For Group 3 Award					Group 3 Grand Total	\$97,051.80

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4A - Fire Hydrants**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	3	Each	Kennedy Valve Co.	4.0 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
2	6	Each	Kennedy Valve Co.	4.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
3	6	Each	Kennedy Valve Co.	5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
4	100	Each	Kennedy Valve Co.	5.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
5	6	Each	Kennedy Valve Co.	6 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
6	3	Each	Kennedy Valve Co.	6.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$	\$ No Bid
7	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and yellow cap., No Equal	\$	\$ No Bid
8	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and white cap., No Equal	\$	\$ No Bid
9	25	Each	Kennedy Valve Co.	6" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$	\$ No Bid
10	10	Each	Kennedy Valve Co.	12" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$	\$ No Bid
11	6	Each	Kennedy Valve Co.	18" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$	\$ No Bid
12	2	Each	Kennedy Valve Co.	24" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$	\$ No Bid
13	2	Each	Kennedy Valve Co.	30" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$	\$ No Bid
Bidder Must Bid ALL Items Within Group 4A To Be Considered For Group 4A Award					Group 4A Grand Total	\$ No Bid

Stiles Company, Inc.

Group 4 - Hydrants and Hydrant Parts

The Only Acceptable Manufacturer

- Kennedy Valve Co.

Group 4B - Fire Hydrants Equipped with Factory Installed Pressure and Temp Monitoring Technology

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	1	Each	Kennedy Valve Co.	5.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$	No Bid
2	1	Each	Kennedy Valve Co.	5.5 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$	No Bid
3	1	Each	Kennedy Valve Co.	6.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$	No Bid
Bidder Must Bid ALL Items Within Group 4B To Be Considered For Group 4B Award					Group 4B Grand Total	\$ No Bid

Stiles Company, Inc.

Group 4 - Hydrants and Hydrant Parts

The Only Acceptable Manufacturer

- Kennedy Valve Co.

Group 4C - Hydrant OEM Replacement Parts

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	25	Each	Kennedy Valve Co.	K-8101, Alemite Fitting	\$	\$ No Bid
2	50	Each	Kennedy Valve Co.	Worcester Spec Operating Stem Nut (Part # 322852R)	\$	\$ No Bid
3	100	Each	Kennedy Valve Co.	K-8106, Thrust Washer	\$	\$ No Bid
4	10	Each	Kennedy Valve Co.	Worcester Spec Hose Nozzle Cap (Part # 3201262)	\$	\$ No Bid
5	10	Each	Kennedy Valve Co.	Worcester Spec Steamer Nozzle Cap (Part # 3201272)	\$	\$ No Bid
6	50	Each	Kennedy Valve Co.	K-8114, Upper Stem	\$	\$ No Bid
7	15	Each	Kennedy Valve Co.	K-8115, Upper Barrel	\$	\$ No Bid
8	200	Each	Kennedy Valve Co.	K-8118, Bolt & Nut	\$	\$ No Bid
9	100	Each	Kennedy Valve Co.	K-8122, Clip only, Lower coupling Pins	\$	\$ No Bid
10	25	Each	Kennedy Valve Co.	K-8142H, Hose Nozzle (includes set screw & "O" ring with each)	\$	\$ No Bid
11	10	Each	Kennedy Valve Co.	K-8142S, Steamer Nozzle (includes set screw & "O" ring with each)	\$	\$ No Bid
12	100	Each	Kennedy Valve Co.	K-8149, Collision repair Kit	\$	\$ No Bid
13	100	Each	Kennedy Valve Co.	K-8143H, Hose Nozzle Cap Gasket	\$	\$ No Bid
14	100	Each	Kennedy Valve Co.	K-8143S, Steamer Nozzle Cap Gasket	\$	\$ No Bid
15	100	Each	Kennedy Valve Co.	K-8145S, O-ring for Steamer Nozzle	\$	\$ No Bid
16	100	Each	Kennedy Valve Co.	K-8145H, O-ring for Hose Nozzle	\$	\$ No Bid
17	50	Each	Kennedy Valve Co.	K-8105, O-ring for Operating Stem Nut	\$	\$ No Bid
18	25	Each	Kennedy Valve Co.	K-8104, Stem Lock Nut	\$	\$ No Bid
19	25	Each	Kennedy Valve Co.	K-8103, Dirt Shield	\$	\$ No Bid
Bidder Must Bid ALL Items Within Group 4C To Be Considered For Group 4C Award					Group 4C Grand Total	\$ No Bid

Stiles Company, Inc.

Group 5 - Water Curb Stop Boxes and Valve Boxes**Group 5A - Curb Stop Boxes**

Acceptable Manufacturers Include

- A.Y. McDonald - Bingham & Taylor - EJ - General Foundries - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	200	Each		4-1/2 ft. - 5-1/2 ft., Erie Curb Box, Rod Style w/Pentagonal Nut Cover and 3/6" Rod	\$ _____	\$ No Bid
2	200	Each		Erie Cover with Pentagonal Nut	\$ _____	\$ No Bid
3	50	Each		24" Rod	\$ _____	\$ No Bid
4	50	Each		6" Curb Box Extension	\$ _____	\$ No Bid
5	50	Each		12" Curb Box Extension	\$ _____	\$ No Bid
6	50	Each		18" Curb Box Extension	\$ _____	\$ No Bid
Bidder Must Bid ALL Items Within Group 5A To Be Considered For Group 5A Award					Group 5A Grand Total	\$ No Bid

Stiles Company, Inc.

Group 5 - Water Curb Stop Boxes and Valve Boxes**Group 5B - Valve Boxes (BABA Compliant)**

Acceptable Manufacturers Include

- Bingham & Taylor - EJ - Tyler Union

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	400	Each		6" Gate Box Cover	\$ _____	\$ No Bid
2	200	Each		26" Long Gate Box Top	\$ _____	\$ No Bid
3	200	Each		36" Long Gate Box Bottom	\$ _____	\$ No Bid
4	50	Each		18" Long Gate Box Extension	\$ _____	\$ No Bid
Bidder Must Bid ALL Items Within Group 5B To Be Considered For Group 5B Award					Group 5B Grand Total	\$ No Bid

Group 6 - Worcester Spec. Service Boxes

Acceptable Manufacturers include

- Bingham & Taylor - EJ - Cambridge Brass - General Foundries - Sigma Corp - Tyler Union

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	250	Each		A-7, 4" Service Box Top (Long - 30") Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ <u>No Bid</u>
2	250	Each		A-7, 4" Service Box Top (Short - 18") Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ <u>No Bid</u>
3	250	Each		A-4, 4" Service Box Bottom (Split) Worcester Spec. Custom made, Cast Iron	\$ _____	\$ <u>No Bid</u>
4	300	Each		A-3, 4" Service Box Cover Worcester Spec. Custom Made, Cast Iron	\$ _____	\$ <u>No Bid</u>
Bidder Must Bid ALL Items Within Group 6 To Be Considered For Group 6 Award					Group 6 Grand Total	\$ <u>No Bid</u>

Group 7 - Water Pipe, Valves, Fittings**Group 7A - Class 52 Ductile Iron Pipe, Zinc Coated**

Acceptable Manufacturers Include

- American AVK Co. - American Ductile Iron Pipe - Clow Valve Co. - Griffin Pipe Products Co. - Henry Pratt Co. - Kennedy Valve Co. - M&M Valve Co.
 - McWane Ductile - Mueller Co. - Sigma Corp. - Tyler Union - U.S. Pipe & Foundry Co. - United Brand

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	20	Feet		3-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
2	20	Feet		4-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
3	200	Feet		6-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
4	200	Feet		8-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
5	20	Feet		10-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
6	80	Feet		12-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
7	20	Feet		14-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ _____	\$ <u>No Bid</u>
Bidder Must Bid ALL Items Within Group 7A To Be Considered For Group 7A Award					Group 7A Grand Total	\$ <u>No Bid</u>

Stiles Company, Inc.

Group 7 - Water Pipe, Valves, Fittings**Group 7B - Resilient Wedge Gate Valves**

Acceptable Manufacturers Include

American AVK Co. - American Flow Control - Clow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		4-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
2	12	Each		6-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
3	12	Each		8-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
4	1	Each		10-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
5	6	Each		12-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
6	1	Each		14-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
7	1	Each		16-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$	No Bid
Bidder Must Bid ALL Items Within Group 7B To Be Considered For Group 7B Award					Group 7B Grand Total	\$ No Bid

Stiles Company, Inc.**Group 7 - Water Pipe, Valves, Fittings****Group 7C - Butterfly Valves**

Acceptable Manufacturers Include

American Flow Control Clow Valve Co. Henry Pratt Co. Kennedy Valve Co. M&H Valve Co. Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		16-Inch Butterfly Valve, <u>CLASS 250 B</u> , Mechanical Joint, Ductile Iron Body, 450 ft. lb. Rated Operator, Epoxy Coating, Open Right	\$ <u>/</u>	\$ <u>No Bid</u>
Bidder Must Bid ALL Items Within Group 7C To Be Considered For Group 7C Award					Group 7C Grand Total	\$ <u>No Bid</u>

Group 7 - Water Pipe, Valves, Fittings**Group 7D - Mechanical Joint Accessories**

Acceptable Manufacturers Include

-Block Buster -Ebbalron -MEGALUG -OneLok -Sigma -TUF Grip -Tyler Union -Uni Flange

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		4" Mechanical Joint Restraint Gland w/ 4" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
2	75	Each		6" Mechanical Joint Restraint Gland w/ 6" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
3	50	Each		8" Mechanical Joint Restraint Gland w/ 8" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
4	4	Each		10" Mechanical Joint Restraint Gland w/ 10" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
5	20	Each		12" Mechanical Joint Restraint Gland w/ 12" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
6	4	Each		14" Mechanical Joint Restraint Gland w/ 14" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
7	6	Each		16" Mechanical Joint Restraint Gland w/ 16" MJ gasket, T-head bolts and nuts	\$ _____	\$ <u>No Bid</u>
Bidder Must Bid ALL Items Within Group 7D To Be Considered For Group 7D Award					Group 7D Grand Total	\$ <u>No Bid</u>

Stiles Company, Inc.

Group 8 - Polyethylene Water Service Tubing

Acceptable Manufacturers Include

- Endot Industries - Silver Line Plastics

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	10,000	Feet		1-Inch Polyethylene Tubing, 100 ft. coil, PE 4710, 250 PSI	\$	No Bid
Bidder Must Bid ALL Items Within Group 8 To Be Considered For Group 8 Award					Group 8 Grand Total	\$ No Bid

Group 1 - Brass Water Service Parts

Acceptable Manufacturers Include

-Ford Meter Box Co. -A.Y. McDonald Mfg. Co. -Cambridge Brass -Red Hat -Jones

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		3/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-333 or equal	\$ 71.32	\$ 3,566.00
2	200	Each		1" Ball Valve Curb Stop, Comp X Comp., Ford B44-444 or equal	\$ 107.24	\$ 21,448.00
3	2	Each		1 1/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-555 or equal	\$ 169.90	\$ 339.80
4	3	Each		1 1/2" Ball Valve Curb Stop, Comp X Comp., Ford B44-666 or equal	\$ 256.60	\$ 769.80
5	3	Each		2" Ball Valve Curb Stop, Comp X Comp., Ford B44-777 or equal	\$ 360.73	\$ 1,082.19
6	100	Each		3/4" CTS, Solid Stainless Steel Insert Stiffener, Ford # 51 or equal	\$ 1.54	\$ 154.00
7	1500	Each		1" CTS, Solid Stainless Steel Insert Stiffener, Ford # 52 or equal	\$ 1.63	\$ 2,445.00
8	100	Each		3/4" MIP X 3/4" Comp. Male Adapter, Ford C84-33 or equal	\$ 16.14	\$ 1,614.00
9	100	Each		1" MIP X 1" Comp. Male Adapter, Ford C84-44 or equal	\$ 19.12	\$ 1,912.00
10	100	Each		3/4" MIP X 1" Comp. Male Adapter, Ford C84-34 or equal	\$ 17.88	\$ 1,788.00
11	100	Each		3/4" FIP X 3/4" Comp. Female Adapter, Ford C14-33 or equal	\$ 16.99	\$ 1,699.00
12	100	Each		1" FIP X 1" Comp. Female Adapter, Ford C14-44 or equal	\$ 23.05	\$ 2,305.00
13	400	Each		3/4" FIP X 1" Comp. Female Adapter, Ford C14-34 or equal	\$ 20.01	\$ 8,004.00
14	400	Each		1-1/4" FIP X 1" Comp. Female Adapter, Ford C14-54 or equal	\$ 24.70	\$ 9,880.00
15	100	Each		3/4" Comp X Comp. Three Part Coupling, Ford C44-33, or equal	\$ 19.66	\$ 1,966.00
16	350	Each		1" Comp X Comp. Three Part Coupling, Ford C44-44 or equal	\$ 22.50	\$ 7,875.00
17	6	Each		1-1/4" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	\$ 38.84	\$ 233.04
18	6	Each		1-1/2" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	\$ 75.28	\$ 451.68
19	6	Each		2" Comp X Comp. Three Part Coupling, Ford C44-77, or equal	\$ 101.62	\$ 609.72
Bidder Must Bid ALL Items Within Group 1 To Be Considered For Group 1 Award					Group 1 Grand Total	\$ 68,142.23

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2A - Multi-Bolt Flexible Repair Couplings and Repair Clamps

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		2" Two Bolt Iron Pipe Coupling, Range: 2.38 O.D., Ford FC-3 or equal	\$ 34.92	\$ 1,746.00
2	25	Each		2" Adapter Gasket, converts, 2" copper (2.25 O.D.) to 2" Iron Pipe (2.38 O.D.)	\$ 5.79	\$ 144.75
3	2	Each		4" Flexible Coupling, O.D. Range: 4.80 - 5.10 nominal, Ford FC1 or equal	\$ 72.27	\$ 144.54
4	20	Each		6" Flexible Coupling, O.D. Range: 6.84 - 7.20 nominal, Ford FC1 or equal	\$ 100.32	\$ 2,006.40
5	20	Each		8" Flexible Coupling, O.D. Range: 9.05 - 9.40 nominal, Ford FC1 or equal	\$ 130.36	\$ 2,607.20
6	4	Each		10" Flexible Coupling, O.D. Range: 11.10 - 11.44 nominal, Ford FC1 or equal	\$ 185.12	\$ 740.48
7	6	Each		12" Flexible Coupling, O.D. Range: 13.20 - 13.56 nominal, Ford FC1 or equal	\$ 230.03	\$ 1,380.18
8	2	Each		14" Flexible Coupling, O.D. Range: 15.30 - 15.70 nominal, Ford FC2A or equal	\$ 446.95	\$ 893.90
9	2	Each		16" Flexible Coupling, O.D. Range: 17.40 - 17.80 nominal, Ford FC2A or equal	\$ 528.10	\$ 1,056.20
10	24	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 87.81	\$ 2,107.44
11	12	Each		6" X 12.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 135.51	\$ 1,626.12
12	6	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 109.64	\$ 657.84
13	24	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ 99.34	\$ 2,384.16
14	24	Each		8" X 12.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ 144.32	\$ 3,463.68
15	6	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 9.05 - 9.40 nominal, Ford F1 or equal	\$ 138.76	\$ 832.56
16	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 123.90	\$ 495.60
17	4	Each		10" X 12.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 187.42	\$ 749.68
18	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 144.56	\$ 578.24
19	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ 197.80	\$ 395.60
20	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ 220.59	\$ 441.18
21	6	Each		8" X 6" Flexible Reducing Coupling, O.D. Range: 9.05 - 9.40 X 6.90 - 7.20 nominal, Ford FC6-940-720-R or equal	\$ 542.66	\$ 3,255.96
Bidder Must Bid ALL Items Within Group 2A To Be Considered For Group 2A Award					Group 2A Grand Total	\$ 27,707.71

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - I.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2B - Two (2) Bolt Wide (Extended) Range Repair Couplings

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		2" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 2.10 - 3.00 Nominal	\$ 159.69	\$ 958.14
2	2	Each		4" Two Bolt Wide (Extend) Range Coupling, O.D. Range: 4.30 - 5.60 Nominal	\$ 269.94	\$ 539.88
3	18	Each		6" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 6.50 - 7.60 Nominal	\$ 357.49	\$ 6,434.82
4	24	Each		8" Two Bolt wide (Extended) Range Coupling, O.D. Range: 8.60 - 9.80 Nominal	\$ 403.63	\$ 9,687.12
5	4	Each		10" Two Bolt Wide (extended) Range Coupling, O.D. Range: 10.70 - 12.00 Nominal	\$ 512.55	\$ 2,050.20
6	10	Each		12" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 12.60 - 13.70 Nominal	\$ 604.97	\$ 6,049.70
Bidder Must Bid ALL Items Within Group 2B To Be Considered For Group 2B Award					Group 2B Grand Total	\$ 25,719.86

Group 3 - Brass Meter Service Parts

Acceptable Manufacturers include

- Ford Meter Box Co. - A.Y. McDonald Mfg. Co. - Cambridge Brass - Mueller Co. - Jones - Lee Brass Co. - Merit Brass Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	500	Each		1" MIP X Flare Male Adapter, Ford C28-44 or equal	\$ 21.45	\$ 10,725.00
2	500	Each		1" FIP X FIP Ball Valve w/handle, Ford B11-444-HB-34 or equal	\$ 97.73	\$ 48,865.00
3	500	Each		1" X Close Brass Nipple	\$ 4.27	\$ 2,135.00
4	500	Each		1" X 1/2" Brass Elbow	\$ 10.29	\$ 5,145.00
5	50	Each		1" X 3/4" Brass Elbow	\$ 9.30	\$ 465.00
6	50	Each		1" x 1" Brass Elbow	\$ 3.60	\$ 180.00
7	50	Each		1" X 1/4" Brass Bushing	\$ 3.92	\$ 198.00
8	100	Each		1 X 1/2" Brass Bushing	\$ 3.92	\$ 392.00
9	50	Each		1" X 1" X 1" Brass Tee	\$ 10.58	\$ 529.00
10	200	Each		3/4" FIP X FIP Ball Valve w/handle, Ford B11-333-HB-34 or equal	\$ 66.79	\$ 13,358.00
11	500	Each		3/4" X Close Brass Nipple	\$ 2.90	\$ 1,450.00
12	1000	Each		5/8" straight X 1/2" MIP Meter Coupling, (for 5/8" meter), Ford C38-11-2.375 or equal	\$ 9.29	\$ 9,290.00
13	2000	Each		5/8" Meter Gasket, Waxed Leather, Ford GT-167 or equal	\$ 0.56	\$ 1,120.00
14	20	Each		1" straight X 1/4" MIP Meter Coupling, (for 1/4" meter), Ford C38-23-2.5 or equal	\$ 10.54	\$ 210.80
15	50	Each		1/4" Meter Gasket, Waxed Leather, Ford GT-113 or equal	\$ 0.64	\$ 32.00
16	20	Each		1-1/4" straight X 1" MIP Meter Coupling, (for 1" meter), Ford C38-44-2.625 or equal	\$ 16.25	\$ 325.00
17	50	Each		1" Meter Gasket, Waxed Leather, Ford CGT-163	\$ 0.59	\$ 29.50
18	10	Each		2" FIP X 1-1/2" MIP Meter Coupling w/washer faced bushing and gasket, (1-1/2" meter), Ford 38-66 or equal	\$ 45.03	\$ 450.30
19	10	Each		2-1/2" FIP X 2" MIP Meter Coupling w/washer faced bushing and gasket, (2" meter), Ford 38-77 or equal	\$ 62.71	\$ 627.10
20	5	Each		1-1/4" FIP X FIP Ball Valve w/handle, Ford B11-555-HB-67 or equal	\$ 166.05	\$ 830.25
21	5	Each		1-1/2" FIP X FIP Ball Valve w/handle, Ford B11-666-HB-67 or equal	\$ 202.08	\$ 1,010.40
22	10	Each		2" FIP X FIP Ball Valve w/handle, Ford B11-777-HB-67 or equal	\$ 284.70	\$ 2,847.00
Bidder Must Bid ALL Items Within Group 3 To Be Considered For Group 3 Award					Group 3 Grand Total	\$ 100,212.35

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4A - Fire Hydrants**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	3	Each	Kennedy Valve Co.	4.0 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,046.82	\$ 9,140.46
2	6	Each	Kennedy Valve Co.	4.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,117.60	\$18,705.60
3	6	Each	Kennedy Valve Co.	5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,240.21	\$19,441.26
4	100	Each	Kennedy Valve Co.	5.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,324.91	\$332,491.00
5	6	Each	Kennedy Valve Co.	6 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,397.12	\$ 20,382.72
6	3	Each	Kennedy Valve Co.	6.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3,376.01	\$10,128.03
7	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and yellow cap., No Equal	\$ 2,025.18	\$12,151.08
8	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and white cap., No Equal	\$ 2,025.18	\$12,151.08
9	25	Each	Kennedy Valve Co.	6" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 679.54	\$ 16,988.50
10	10	Each	Kennedy Valve Co.	12" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 793.52	\$ 7,935.20
11	6	Each	Kennedy Valve Co.	18" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 900.59	\$ 5,403.54
12	2	Each	Kennedy Valve Co.	24" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 950.43	\$ 1,900.86
13	2	Each	Kennedy Valve Co.	30" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 1,393.17	\$ 2,786.34
Bidder Must Bid ALL Items Within Group 4A To Be Considered For Group 4A Award					Group 4A Grand Total	\$ 469,605.67

Group 4 - Hydrants and Hydrant Parts

The Only Acceptable Manufacturer
- Kennedy Valve Co.

Group 4B - Fire Hydrants Equipped with Factory Installed Pressure and Temp Monitoring Technology

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	1	Each	Kennedy Valve Co.	5.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 6,067.30	\$ 6,067.30
2	1	Each	Kennedy Valve Co.	5.5 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 6,204.17	\$ 6,204.17
3	1	Each	Kennedy Valve Co.	6.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 6,277.18	\$ 6,277.18
Bidder Must Bid ALL Items Within Group 4B To Be Considered For Group 4B Award					Group 4B Grand Total	\$ 18,548.65

Group 4 - Hydrants and Hydrant Parts

*****The Only Acceptable Manufacturer*****

- Kennedy Valve Co.

Group 4C - Hydrant OEM Replacement Parts

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	25	Each	Kennedy Valve Co.	K-8101, Alemite Fitting	\$ 6.80	\$ 170.00
2	50	Each	Kennedy Valve Co.	Worcester Spec Operating Stem Nut (Part # 322852R)	\$ 235.69	\$ 11,784.50
3	100	Each	Kennedy Valve Co.	K-8106, Thrust Washer	\$ 3.88	\$ 388.00
4	10	Each	Kennedy Valve Co.	Worcester Spec Hose Nozzle Cap (Part # 3201262)	\$ 84.39	\$ 843.90
5	10	Each	Kennedy Valve Co.	Worcester Spec Steamer Nozzle Cap (Part # 3201272)	\$ 203.68	\$ 2,036.80
6	50	Each	Kennedy Valve Co.	K-8114, Upper Stem	\$ 216.29	\$ 10,814.50
7	15	Each	Kennedy Valve Co.	K-8115, Upper Barrel	\$ 2,054.25	\$ 30,813.75
8	200	Each	Kennedy Valve Co.	K-8118, Bolt & Nut	\$ 10.67	\$ 2,134.00
9	100	Each	Kennedy Valve Co.	K-8122, Clip only, Lower coupling Pins	\$ 16.05	\$ 1,605.00
10	25	Each	Kennedy Valve Co.	K-8142H, Hose Nozzle (includes set screw & "O" ring with each)	\$ 133.85	\$ 3,346.25
11	10	Each	Kennedy Valve Co.	K-8142S, Steamer Nozzle (includes set screw & "O" ring with each)	\$ 293.89	\$ 2,938.90
12	100	Each	Kennedy Valve Co.	K-8149, Collision repair Kit	\$ 309.44	\$ 30,944.00
13	100	Each	Kennedy Valve Co.	K-8143H, Hose Nozzle Cap Gasket	\$ 11.64	\$ 1,164.00
14	100	Each	Kennedy Valve Co.	K-8143S, Steamer Nozzle Cap Gasket	\$ 9.70	\$ 970.00
15	100	Each	Kennedy Valve Co.	K-8145S, O-ring for Steamer Nozzle	\$ 18.43	\$ 1,843.00
16	100	Each	Kennedy Valve Co.	K-8145H, O-ring for Hose Nozzle	\$ 4.86	\$ 486.00
17	50	Each	Kennedy Valve Co.	K-8105, O-ring for Operating Stem Nut	\$ 10.67	\$ 533.50
18	25	Each	Kennedy Valve Co.	K-8104, Stem Lock Nut	\$ 72.75	\$ 1,818.75
19	25	Each	Kennedy Valve Co.	K-8103, Dirt Shield	\$ 36.86	\$ 921.50
Bidder Must Bid ALL Items Within Group 4C To Be Considered For Group 4C Award					Group 4C Grand Total	\$ 105,556.35

Group 5 - Water Curb Stop Boxes and Valve Boxes

Group 5A - Curb Stop Boxes

Acceptable Manufacturers Include

- A.Y. McDonald - Bingham & Taylor - EJ - General Foundries - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	200	Each		4-1/2 ft. - 5-1/2 ft., Erie Curb Box, Rod Style w/Pentagonal Nut Cover and 3/8" Rod	\$ 47.55	\$ 9,510.00
2	200	Each		Erie Cover with Pentagonal Nut	\$ 10.45	\$ 2,090.00
3	50	Each		24" Rod	\$ 8.36	\$ 418.00
4	50	Each		6" Curb Box Extension	\$ 11.77	\$ 588.50
5	50	Each		12" Curb Box Extension	\$ 16.05	\$ 802.50
6	50	Each		18" Curb Box Extension	\$ 16.05	\$ 802.50
Bidder Must Bid ALL Items Within Group 5A To Be Considered For Group 5A Award					Group 5A Grand Total	\$ 14,211.50

Group 5 - Water Curb Stop Boxes and Valve Boxes

Group 5B - Valve Boxes (BABA Compliant)

Acceptable Manufacturers Include

- Bingham & Taylor - EJ - Tyler Union

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	400	Each		6" Gate Box Cover	\$ 20.66	\$ 8,264.00
2	200	Each		26" Long Gate Box Top	\$ 77.54	\$ 15,508.00
3	200	Each		36" Long Gate Box Bottom	\$ 108.30	\$ 21,660.00
4	50	Each		18" Long Gate Box Extension	\$ 88.36	\$ 4,418.00
Bidder Must Bid ALL Items Within Group 5B To Be Considered For Group 5B Award					Group 5B Grand Total	\$ 49,850.00

Group 7 - Water Pipe, Valves, Fittings

Group 7A - Class 52 Ductile Iron Pipe, Zinc Coated

Acceptable Manufacturers Include

- American AVK Co. - American Ductile Iron Pipe - Clow Valve Co. - Griffin Pipe Products Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co.
- McWane Ductile - Mueller Co. - Sigma Corp. - Tyler Union - U.S. Pipe & Foundry Co. - United Brand

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	20	Feet		3-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 74.96	\$ 1,499.20
2	20	Feet		4-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 43.97	\$ 879.40
3	200	Feet		6-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 35.10	\$ 7,020.00
4	200	Feet		8-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 47.21	\$ 9,442.00
5	20	Feet		10-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 61.82	\$ 1,236.40
6	80	Feet		12-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 77.59	\$ 6,207.20
7	20	Feet		14-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 96.21	\$ 1,924.20
Bidder Must Bid ALL Items Within Group 7A To Be Considered For Group 7A Award					Group 7A Grand Total	\$ 28,208.40

Group 7 - Water Pipe, Valves, Fittings

Group 7B - Resilient Wedge Gate Valves

Acceptable Manufacturers Include

- American AVK Co. - American Flow Control - Clow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		4-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 725.17	\$ 1,450.34
2	12	Each		6-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 925.36	\$ 11,104.32
3	12	Each		8-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 1,473.88	\$ 17,686.56
4	1	Each		10-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 2,275.97	\$ 2,275.97
5	6	Each		12-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 2,908.10	\$ 17,448.60
6	1	Each		14-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 7,666.86	\$ 7,666.86
7	1	Each		16-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 8,205.77	\$ 8,205.77
Bidder Must Bid ALL Items Within Group 7B To Be Considered For Group 7B Award					Group 7B Grand Total	\$ 65,838.42

Group 7 - Water Pipe, Valves, Fittings

Group 7C - Butterfly Valves

Acceptable Manufacturers Include

- American Flow Control - Clow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		16-Inch Butterfly Valve, <u>CLASS 250 B</u> , Mechanical Joint, Ductile Iron Body, 450 ft. lb. Rated Operator, Epoxy Coating, Open Right	\$ 6,743.69	\$ 13,487.38
Bidder Must Bid ALL Items Within Group 7C To Be Considered For Group 7C Award					Group 7C. Grand Total	\$ 13,487.38

Group 7 - Water Pipe, Valves, Fittings

Group 7D - Mechanical Joint Accessories

Acceptable Manufacturers Include

- Block Buster - Ebba Iron - MEGALUG - One Lok - Sigma - TUF Grip - Tyler Union - Uni Flange

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		4" Mechanical Joint Restraint Gland w/ 4" MJ gasket, T-head bolts and nuts	\$ 40.72	\$ 244.32
2	75	Each		6" Mechanical Joint Restraint Gland w/ 6" MJ gasket, T-head bolts and nuts	\$ 50.29	\$ 3,771.75
3	50	Each		8" Mechanical Joint Restraint Gland w/ 8" MJ gasket, T-head bolts and nuts	\$ 68.53	\$ 3,426.50
4	4	Each		10" Mechanical Joint Restraint Gland w/ 10" MJ gasket, T-head bolts and nuts	\$ 97.44	\$ 389.76
5	20	Each		12" Mechanical Joint Restraint Gland w/ 12" MJ gasket, T-head bolts and nuts	\$ 130.96	\$ 2,619.20
6	4	Each		14" Mechanical Joint Restraint Gland w/ 14" MJ gasket, T-head bolts and nuts	\$ 172.54	\$ 690.16
7	6	Each		16" Mechanical Joint Restraint Gland w/ 16" MJ gasket, T-head bolts and nuts	\$ 23.77	\$ 142.62
Bidder Must Bid ALL Items Within Group 7D To Be Considered For Group 7D Award					Group 7D Grand Total	\$ 11,284.31

Group 8 - Polyethylene Water Service Tubing						
Acceptable Manufacturers Include						
- Endot Industries - Silver Line Plastics						
Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	10,000	Feet		1-Inch Polyethylene Tubing, 100 ft. coil, PE 4710, 250 PSI	\$ 0.68	\$ 6,800.00
Bidder Must Bid ALL Items Within Group 8 To Be Considered For Group 8 Award					Group 8 Grand Total	\$ 6,800.00

Group 1 - Brass Water Service Parts*****Acceptable Manufacturers Include*****

Ford Meter Box Co., A.Y. McDonald Mfg. Co., Cambridge Brass, Red Hed, Jones

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		3/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-333 or equal	<u>\$73.35</u>	<u>\$3,667.50</u>
2	200	Each		1" Ball Valve Curb Stop, Comp X Comp., Ford B44-444 or equal	<u>\$110.29</u>	<u>\$22,058.00</u>
3	2	Each		1 1/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-555 or equal	<u>\$174.73</u>	<u>\$349.46</u>
4	3	Each		1 1/2" Ball Valve Curb Stop, Comp X Comp., Ford B44-666 or equal	<u>\$263.89</u>	<u>\$791.67</u>
5	3	Each		2" Ball Valve Curb Stop, Comp X Comp., Ford B44-777 or equal	<u>\$370.98</u>	<u>\$1,112.94</u>
6	100	Each		3/4" CTS, Solid Stainless Steel Insert Stiffener, Ford # 51 or equal	<u>\$2.14</u>	<u>\$214.00</u>
7	1500	Each		1" CTS, Solid Stainless Steel Insert Stiffener, Ford # 52 or equal	<u>\$2.27</u>	<u>\$3,405.00</u>
8	100	Each		3/4" MIP X 3/4" Comp. Male Adapter, Ford C84-33 or equal	<u>\$16.60</u>	<u>\$1,660.00</u>
9	100	Each		1" MIP X 1" Comp. Male Adapter, Ford C84-44 or equal	<u>\$19.66</u>	<u>\$1,966.00</u>
10	100	Each		3/4" MIP X 1" Comp. Male Adapter, Ford C84-34 or equal	<u>\$18.39</u>	<u>\$1,839.00</u>
11	100	Each		3/4" FIP X 3/4" Comp. Female Adapter, Ford C14-33 or equal	<u>\$17.48</u>	<u>\$1,748.00</u>
12	100	Each		1" FIP X 1" Comp. Female Adapter, Ford C14-44 or equal	<u>\$23.70</u>	<u>\$2,370.00</u>
13	400	Each		3/4" FIP X 1" Comp. Female Adapter, Ford C14-34 or equal	<u>\$20.58</u>	<u>\$8,232.00</u>
14	400	Each		1-1/4" FIP X 1" Comp. Female Adapter, Ford C14-54 or equal	<u>\$25.40</u>	<u>\$10,160.00</u>
15	100	Each		3/4" Comp X Comp. Three Part Coupling, Ford C44-33, or equal	<u>\$20.22</u>	<u>\$2,022.00</u>
16	350	Each		1" Comp X Comp. Three Part Coupling, Ford C44-44 or equal	<u>\$23.14</u>	<u>\$8,099.00</u>
17	6	Each		1-1/4" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	<u>\$39.95</u>	<u>\$239.70</u>
18	6	Each		1-1/2" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	<u>\$77.42</u>	<u>\$464.52</u>
19	6	Each		2" Comp X Comp. Three Part Coupling, Ford C44-77, or equal	<u>\$104.28</u>	<u>\$625.68</u>
Bidder Must Bid ALL Items Within Group 1 To Be Considered For Group 1 Award					Group 1 Grand Total	<u>\$71,024.47</u>

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2A - Multi-Bolt Flexible Repair Couplings and Repair Clamps

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each	Ford FC3-238-5	2" Two Bolt Iron Pipe Coupling, Range: 2.38 O.D., Ford FC-3 or equal	\$ \$101.60	\$ \$5,080.00
2	25	Each	Smith Blair Gasket adapter	2" Adapter Gasket, converts, 2" copper (2.25 O.D.) to 2" Iron Pipe (2.38 O.D.)	\$ \$46.66	\$ \$1,166.50
3	2	Each	Ford FC1-510-510	4" Flexible Coupling, O.D. Range: 4.80 - 5.10 nominal, Ford FC1 or equal	\$ \$89.23	\$ \$178.46
4	20	Each	Ford FC1-720-720	6" Flexible Coupling, O.D. Range: 6.84 - 7.20 nominal, Ford FC1 or equal	\$ \$125.01	\$ \$2,500.20
5	20	Each	Ford FC1-940-940	8" Flexible Coupling, O.D. Range: 9.05 - 9.40 nominal, Ford FC1 or equal	\$ \$162.44	\$ \$3,248.80
6	4	Each	Ford FC1-1146-1146	10" Flexible Coupling, O.D. Range: 11.10 - 11.40 nominal, Ford FC1 or equal	\$ \$230.68	\$ \$922.72
7	6	Each	Ford FC1-1356-1356	12" Flexible Coupling, O.D. Range: 13.20 - 13.56 nominal, Ford FC1 or equal	\$ \$286.64	\$ \$1,719.84
8	2	Each	Ford FC2A-1570-1570	14" Flexible Coupling, O.D. Range: 15.30 - 15.70 nominal, Ford FC2A or equal	\$ \$556.95	\$ \$1,113.90
9	2	Each	Ford FC2A-1780-1780	16" Flexible Coupling, O.D. Range: 17.40 - 17.80 nominal, Ford FC2A or equal	\$ \$670.60	\$ \$1,341.20
10	24	Each	Ford F1-724-75	6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ \$110.45	\$ \$2,650.80
11	12	Each	Ford F1-724-125	6" X 12.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ \$168.85	\$ \$2,026.20
12	6	Each	Ford F1-724-75-IP4	6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ \$136.63	\$ \$819.78
13	24	Each	Ford F1-939-75	8" X 7.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ \$123.79	\$ \$2,970.96
14	24	Each	Ford F1-939-125	8" X 12.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ \$179.85	\$ \$4,316.40
15	6	Each	Ford F1-939-75-IP4	8" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 9.05 - 9.40 nominal, Ford F1 or equal	\$ \$172.91	\$ \$1,037.46
16	4	Each	Ford F1-1144-75	10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ \$154.39	\$ \$617.56
17	4	Each	Ford F1-1144-125	10" X 12.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ \$233.55	\$ \$934.20
18	4	Each	Ford F1-1144-75-IP4	10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ \$180.13	\$ \$720.52
19	2	Each	Ford F1-1350-125	12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ \$246.48	\$ \$492.96
20	2	Each	Ford F1-1350-125-IP4	12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ \$274.88	\$ \$549.76
21	6	Each	Ford FC6-940-720-R	8" X 6" Flexible Reducing Coupling, O.D. Range: 9.05 - 9.40 X 6.90 - 7.20 nominal, Ford FC6-940-720-R or equal	\$ \$676.21	\$ \$4,057.26
Bidder Must Bid ALL Items Within Group 2A To Be Considered For Group 2A Award					Group 2A Grand Total	\$ \$38,465.48

Group 2 - Water Main Repair Parts*****Acceptable Manufacturers Include*****- Ford Meter Box Co. - Romac - Hymax - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.**Group 2B - Two (2) Bolt Wide (Extended) Range Repair Couplings**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each	Smith-Blair	2" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 2.10 - 3.00 Nominal	\$ \$178.74	\$ \$1,072.44
2	2	Each	421	4" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 4.30 - 5.60 Nominal	\$ \$224.29	\$ \$448.58
3	18	Each	series	6" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 6.50 - 7.60 Nominal	\$ \$296.13	\$ \$5,330.34
4	24	Each		8" Two Bolt wide (Extended) Range Coupling, O.D. Range: 8.60 - 9.80 Nominal	\$ \$335.37	\$ \$8,048.88
5	4	Each		10" Two Bolt Wide (extended) Range Coupling, O.D. Range: 10.70 - 12.00 Nominal	\$ \$426.73	\$ \$1,706.92
6	10	Each		12" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 12.60 - 13.70 Nominal	\$ \$521.42	\$ \$5,214.20
Bidder Must Bid ALL Items Within Group 2B To Be Considered For Group 2B Award					Group 2B Grand Total	\$ \$21,821.36

Group 3 - Brass Meter Service Parts**IMPORT
NOT
ACCEPTED**

Acceptable Manufacturers include

- Ford Meter Box Co. - A.Y. McDonald Mfg. Co. - Cambridge Brass - Mueller Co. - Jones - Lee Brass Co. - Merit Brass Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	500	Each	Ford Meter Box	1" MIP X Flare Male Adapter, Ford C28-44 or equal	\$ No Bid	\$ No Bid
2	500	Each	Ford Meter Box	1" FIP X FIP Ball Valve w/handle, Ford B11-444-HB-34 or equal	\$ No Bid	\$ No Bid
3	500	Each	Midland Imported Brass	1" X Close Brass Nipple	\$ No Bid	\$ No Bid
4	500	Each	Midland Imported Brass	1" X 1/2" Brass Elbow	\$ No Bid	\$ No Bid
5	50	Each	Midland Imported Brass	1" X 3/4" Brass Elbow	\$ No Bid	\$ No Bid
6	50	Each	Midland Imported Brass	1" x 1" Brass Elbow	\$ No Bid	\$ No Bid
7	50	Each	Midland Imported Brass	1" X 3/4" Brass Bushing	\$ No Bid	\$ No Bid
8	100	Each	Midland Imported Brass	1 X 1/2" Brass Bushing	\$ No Bid	\$ No Bid
9	50	Each	Midland Imported Brass	1" X 1" X 1" Brass Tee	\$ No Bid	\$ No Bid
10	200	Each	Ford Meter Box	3/4" FIP X FIP Ball Valve w/handle, Ford B11-333-HB-34 or equal	\$ No Bid	\$ No Bid
11	500	Each	Midland Imported Brass	3/4" X Close Brass Nipple	\$ No Bid	\$ No Bid
12	1000	Each	Ford Meter Box	5/8" straight X 1/2" MIP Meter Coupling, (for 5/8" meter), Ford C38-11-2.375 or equal	\$ No Bid	\$ No Bid
13	2000	Each	Ford Meter Box	5/8" Meter Gasket, Waxed Leather, Ford GT-167 or equal	\$ No Bid	\$ No Bid
14	20	Each	Ford Meter Box	1" straight X 3/4" MIP Meter Coupling, (for 3/4" meter), Ford C38-23-2.5 or equal	\$ No Bid	\$ No Bid
15	50	Each	Ford Meter Box	3/4" Meter Gasket, Waxed Leather, Ford GT-113 or equal	\$ No Bid	\$ No Bid
16	20	Each	Ford Meter Box	1-1/4" straight X 1" MIP Meter Coupling, (for 1" meter), Ford C38-44-2.625 or equal	\$ No Bid	\$ No Bid
17	50	Each	Ford Meter Box	1" Meter Gasket, Waxed Leather, Ford CGT-163	\$ No Bid	\$ No Bid
18	10	Each	Ford Meter Box	2" FIP X 1-1/2" MIP Meter Coupling w/washer faced bushing and gasket, (1-1/2" meter), Ford 38-66 or equal	\$ No Bid	\$ No Bid
19	10	Each	Ford Meter Box	2-1/2" FIP X 2" MIP Meter Coupling w/washer faced bushing and gasket, (2" meter), Ford 38-77 or equal	\$ No Bid	\$ No Bid
20	5	Each	Ford Meter Box	1-1/4" FIP X FIP Ball Valve w/handle, Ford B11-555-HB-67 or equal	\$ No Bid	\$ No Bid
21	5	Each	Ford Meter Box	1-1/2" FIP X FIP Ball Valve w/handle, Ford B11-666-HB-67 or equal	\$ No Bid	\$ No Bid
22	10	Each	Ford Meter Box	2" FIP X FIP Ball Valve w/handle, Ford B11-777-HB-67 or equal	\$ No Bid	\$ No Bid
Bidder Must Bid ALL Items Within Group 3 To Be Considered For Group 3 Award					Group 3 Grand Total	\$ No Bid

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4A - Fire Hydrants**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	3	Each	Kennedy Valve Co.	4.0 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
2	6	Each	Kennedy Valve Co.	4.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
3	6	Each	Kennedy Valve Co.	5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
4	100	Each	Kennedy Valve Co.	5.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
5	6	Each	Kennedy Valve Co.	6 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
6	3	Each	Kennedy Valve Co.	6.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ No Bid	\$ No Bid
7	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and yellow cap., No Equal	\$ No Bid	\$ No Bid
8	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and white cap., No Equal	\$ No Bid	\$ No Bid
9	25	Each	Kennedy Valve Co.	6" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ No Bid	\$ No Bid
10	10	Each	Kennedy Valve Co.	12" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ No Bid	\$ No Bid
11	6	Each	Kennedy Valve Co.	18" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ No Bid	\$ No Bid
12	2	Each	Kennedy Valve Co.	24" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ No Bid	\$ No Bid
13	2	Each	Kennedy Valve Co.	30" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ No Bid	\$ No Bid
Bidder Must Bid ALL Items Within Group 4A To Be Considered For Group 4A Award					Group 4A Grand Total	\$ No Bid

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*****

- Kennedy Valve Co.

Group 4B - Fire Hydrants Equipped with Factory Installed Pressure and Temp Monitoring Technology

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	1	Each	Kennedy Valve Co.	5.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ No Bid	\$ No Bid
2	1	Each	Kennedy Valve Co.	5.5 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ No Bid	\$ No Bid
3	1	Each	Kennedy Valve Co.	6.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	No Bid \$	No Bid \$
Bidder Must Bid ALL Items Within Group 4B To Be Considered For Group 4B Award					Group 4B Grand Total	\$ No Bid

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*****

- Kennedy Valve Co.

Group 4C - Hydrant OEM Replacement Parts

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	25	Each	Kennedy Valve Co.	K-8101, Alemite Fitting	\$ No Bid	No Bid
2	50	Each	Kennedy Valve Co.	Worcester Spec Operating Stem Nut (Part # 322852R)	\$ No Bid	No Bid
3	100	Each	Kennedy Valve Co.	K-8106, Thrust Washer	\$ No Bid	No Bid
4	10	Each	Kennedy Valve Co.	Worcester Spec Hose Nozzle Cap (Part # 3201262)	\$ No Bid	No Bid
5	10	Each	Kennedy Valve Co.	Worcester Spec Steamer Nozzle Cap (Part # 3201272)	\$ No Bid	No Bid
6	50	Each	Kennedy Valve Co.	K-8114, Upper Stem	\$ No Bid	No Bid
7	15	Each	Kennedy Valve Co.	K-8115, Upper Barrel	\$ No Bid	No Bid
8	200	Each	Kennedy Valve Co.	K-8118, Bolt & Nut	\$ No Bid	No Bid
9	100	Each	Kennedy Valve Co.	K-8122, Clip only, Lower coupling Pins	\$ No Bid	No Bid
10	25	Each	Kennedy Valve Co.	K-8142H, Hose Nozzle (includes set screw & "O" ring with each)	\$ No Bid	No Bid
11	10	Each	Kennedy Valve Co.	K-8142S, Steamer Nozzle (includes set screw & "O" ring with each)	\$ No Bid	No Bid
12	100	Each	Kennedy Valve Co.	K-8149, Collision repair Kit	\$ No Bid	No Bid
13	100	Each	Kennedy Valve Co.	K-8143H, Hose Nozzle Cap Gasket	\$ No Bid	No Bid
14	100	Each	Kennedy Valve Co.	K-8143S, Steamer Nozzle Cap Gasket	\$ No Bid	No Bid
15	100	Each	Kennedy Valve Co.	K-8145S, O-ring for Steamer Nozzle	\$ No Bid	No Bid
16	100	Each	Kennedy Valve Co.	K-8145H, O-ring for Hose Nozzle	\$ No Bid	No Bid
17	50	Each	Kennedy Valve Co.	K-8105, O-ring for Operating Stem Nut	\$ No Bid	No Bid
18	25	Each	Kennedy Valve Co.	K-8104, Stem Lock Nut	\$ No Bid	No Bid
19	25	Each	Kennedy Valve Co.	K-8103, Dirt Shield	\$ No Bid	No Bid
Bidder Must Bid ALL Items Within Group 4C To Be Considered For Group 4C Award					Group 4C Grand Total	\$ No Bid

Group 5 - Water Curb Stop Boxes and Valve Boxes

Group 5A - Curb Stop Boxes

Acceptable Manufacturers Include

- A.Y. McDonald - Bingham & Taylor - EJ - General Foundries - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	200	Each		4-1/2 ft. - 5-1/2 ft., Erie Curb Box, Rod Style w/Pentagonal Nut Cover and 36" Rod	\$ No Bid	\$ No Bid
2	200	Each		Erie Cover with Pentagonal Nut	\$ No Bid	\$ No Bid
3	50	Each		24" Rod	\$ No Bid	\$ No Bid
4	50	Each		6" Curb Box Extension	\$ No Bid	\$ No Bid
5	50	Each		12" Curb Box Extension	\$ No Bid	\$ No Bid
6	50	Each		18" Curb Box Extension	\$ No Bid	\$ No Bid
Bidder Must Bid ALL Items Within Group 5A To Be Considered For Group 5A Award					Group 5A Grand Total	\$ No Bid

Group 7 - Water Pipe, Valves, Fittings

Group 7A - Class 52 Ductile Iron Pipe, Zinc Coated

*** Acceptable Manufacturers Include ***

- American AVK Co. - American Ductile Iron Pipe - Clow Valve Co. - Griffin Pipe Products Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co.
- McWane Ductile - Mueller Co. - Sigma Corp. - Tyler Union - U.S. Pipe & Foundry Co. - United Brand

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	20	Feet		3-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
2	20	Feet		4-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
3	200	Feet		6-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
4	200	Feet		8-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
5	20	Feet		10-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
6	80	Feet		12-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
7	20	Feet		14-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ No Bid	No Bid
Bidder Must Bid ALL Items Within Group 7A To Be Considered For Group 7A Award					Group 7A. Grand Total	\$ No Bid

Group 7 - Water Pipe, Valves, Fittings

Group 7B - Resilient Wedge Gate Valves

*** Acceptable Manufacturers Include ***

- American AVK Co. - American Flow Control - Clove Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each	AVK	4-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$1,041.00	\$2,083.92
2	12	Each	AVK	6-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$1,330.25	\$15,963.00
3	12	Each	AVK	8-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$2,116.83	\$25,401.96
4	1	Each	AVK	10-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$3,300.27	\$3,300.27
5	6	Each	AVK	12-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$4,175.83	\$25,054.98
6	1	Each	AVK	14-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$13,587.44	\$13,587.44
7	1	Each	AVK	16-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$14,738.07	\$14,738.07
Bidder Must Bid ALL Items Within Group 7B To Be Considered For Group 7B Award					Group 7B Grand Total	\$100,129.64

Group 7 - Water Pipe, Valves, Fittings**Group 7C - Butterfly Valves*******Acceptable Manufacturers Include*****

- American Flow Control - Clow Valve Co. - Henry Pratt Co. - Kennedy Valve Co. - M&H Valve Co. - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		16-inch Butterfly Valve, <u>CLASS 250 B</u> , Mechanical Joint, Ductile Iron Body, 450 ft. lb. Rated Operator, Epoxy Coating, Open Right	\$ No Bid	No Bid
Bidder Must Bid ALL Items Within Group 7C To Be Considered For Group 7C Award					Group 7C Grand Total	\$ No Bid

Group 7 - Water Pipe, Valves, Fittings

Group 7D - Mechanical Joint Accessories

Acceptable Manufacturers Include

-Block Buster - Ebbalron - MEGALUG - One Lok - Sigma - TUF Grip - Tyler Union - Uni Flange

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		4" Mechanical Joint Restraint Gland w/ 4" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
2	75	Each		6" Mechanical Joint Restraint Gland w/ 6" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
3	50	Each		8" Mechanical Joint Restraint Gland w/ 8" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
4	4	Each		10" Mechanical Joint Restraint Gland w/ 10" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
5	20	Each		12" Mechanical Joint Restraint Gland w/ 12" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
6	4	Each		14" Mechanical Joint Restraint Gland w/ 14" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
7	6	Each		16" Mechanical Joint Restraint Gland w/ 16" MJ gasket, T-head bolts and nuts	\$ No Bid	\$ No Bid
Bidder Must Bid ALL Items Within Group 7D To Be Considered For Group 7D Award					Group 7D Grand Total	\$ No Bid

Group 8 - Polyethylene Water Service Tubing***** Acceptable Manufacturers Include *****- Endot Industries - Silver Line Plastics

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	10,000	Feet	Endot	1-Inch Polyethylene Tubing, 100 ft. coil, PE 4710, 250 PSI	\$.98 per ft	\$ 9,800.00
Bidder Must Bid ALL Items Within Group 8 To Be Considered For Group 8 Award					Group 8 Grand Total	\$9,800.00

BIDDER NAME: Ferguson Waterworks

Group 1 - Brass Water Service Parts						
Acceptable Manufacturers Include						
- Ford Meter Box Co. - A.V. McDonald Mfg. Co. - Cambridge Brass - Red Hed - Jones						
Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		3/4" Ball Valve Curb Stop, Comp X Comp., Ford B44-333 or equal	\$ 74.09	\$ 3704.50
2	200	Each		1" Ball Valve Curb Stop, Comp X Comp, Ford B44-444 or equal	\$ 111.40	\$ 22280.00
3	2	Each		1 1/4" Ball Valve Curb Stop, Comp X Comp, Ford B44-555 or equal	\$ 176.50	\$ 353.00
4	3	Each		1 1/2" Ball Valve Curb Stop, Comp X Comp, Ford B44-666 or equal	\$ 266.56	\$ 799.68
5	3	Each		2" Ball Valve Curb Stop, Comp X Comp, Ford B44-777 or equal	\$ 374.73	\$ 1124.19
6	100	Each		3/4" CTS, Solid Stainless Steel Insert Stiffener, Ford # 51 or equal	\$ 1.59	\$ 159.00
7	1500	Each		1" CTS, Solid Stainless Steel Insert Stiffener, Ford # 52 or equal	\$ 1.69	\$ 2535.00
8	100	Each		3/4" MIP X 3/4" Comp. Male Adapter, Ford C84-33 or equal	\$ 16.77	\$ 1677.00
9	100	Each		1" MIP X 1" Comp. Male Adapter, Ford C84-44 or equal	\$ 19.86	\$ 1986.00
10	100	Each		3/4" MIP X 1" Comp. Male Adapter, Ford C84-34 or equal	\$ 18.58	\$ 1858.00
11	100	Each		3/4" FIP X 3/4" Comp. Female Adapter, Ford C14-33 or equal	\$ 17.65	\$ 1765.00
12	100	Each		1" FIP X 1" Comp. Female Adapter, Ford C14-44 or equal	\$ 23.94	\$ 2394.00
13	400	Each		3/4" FIP X 1" Comp. Female Adapter, Ford C14-34 or equal	\$ 20.79	\$ 8316.00
14	400	Each		1-1/4" FIP X 1" Comp. Female Adapter, Ford C14-54 or equal	\$ 25.65	\$ 10260.00
15	100	Each		3/4" Comp X Comp. Three Part Coupling, Ford C44-33, or equal	\$ 20.43	\$ 2043.00
16	350	Each		1" Comp X Comp. Three Part Coupling, Ford C44-44 or equal	\$ 23.37	\$ 8179.50
17	6	Each		1-1/4" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	\$ 40.35	\$ 242.10
18	6	Each		1-1/2" Comp X Comp. Three Part Coupling, Ford C44-66, or equal	\$ 78.20	\$ 469.20
19	6	Each		2" Comp X Comp. Three Part Coupling, Ford C44-77, or equal	\$ 105.56	\$ 633.36
Bidder Must Bid ALL Items Within Group 1 To Be Considered For Group 1 Award					Group 1 Grand Total	\$ 70778.53

Group 2 - Water Main Repair Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - Romac - Hymac - Dresser Industries - Smith-Blair - J.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2A - Multi-Bolt Flexible Repair Couplings and Repair Clamps

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	50	Each		2" Two Bolt Iron Pipe Coupling, Range: 2.38 O.D., Ford FC-3 or equal	\$ 28.52	\$ 1426.00
2	25	Each		2" Adapter Gasket, converts, 2" copper (2.25 O.D.) to 2" Iron Pipe (2.38 O.D.)	\$ 9.53	\$ 238.25
3	2	Each		4" Flexible Coupling, O.D. Range: 4.80 - 5.10 nominal, Ford FC1 or equal	\$ 81.79	\$ 163.58
4	20	Each		6" Flexible Coupling, O.D. Range: 6.84 - 7.20 nominal, Ford FC1 or equal	\$ 105.41	\$ 2108.20
5	20	Each		8" Flexible Coupling, O.D. Range: 9.05 - 9.40 nominal, Ford FC1 or equal	\$ 146.47	\$ 2929.40
6	4	Each		10" Flexible Coupling, O.D. Range: 11.10 - 11.40 nominal, Ford FC1 or equal	\$ 201.18	\$ 804.72
7	6	Each		12" Flexible Coupling, O.D. Range: 13.20 - 13.56 nominal, Ford FC1 or equal	\$ 245.02	\$ 1470.12
8	2	Each		14" Flexible Coupling, O.D. Range: 15.30 - 15.70 nominal, Ford FC2A or equal	\$ 333.27	\$ 666.54
9	2	Each		16" Flexible Coupling, O.D. Range: 17.40 - 17.80 nominal, Ford FC2A or equal	\$ 443.16	\$ 886.32
10	24	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 59.58	\$ 1429.92
11	12	Each		6" X 12.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 95.30	\$ 1143.60
12	6	Each		6" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 6.84 - 7.20 nominal, Ford F1 or equal	\$ 83.70	\$ 502.20
13	24	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ 71.28	\$ 1710.72
14	24	Each		8" X 12.5" Width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 9.05 - 9.40 nominal Ford F1 or equal	\$ 114.14	\$ 2739.36
15	6	Each		8" X 7.5" Width, Repair Clamp, Stainless Steel, w/Ductile Iron Lugs, w/1" IPT tap, O.D. Range: 9.05 - 9.40 nominal, Ford F1 or equal	\$ 95.40	\$ 572.40
16	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 86.75	\$ 347.00
17	4	Each		10" X 12.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 134.75	\$ 539.00
18	4	Each		10" X 7.5" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 11.04 - 11.44 nominal, Ford F1 or equal	\$ 110.87	\$ 443.48
19	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ 157.48	\$ 314.96
20	2	Each		12" X 12" width, Repair Clamp, Stainless Steel w/ductile iron lugs, w/1" IPT tap, O.D. Range: 13.20 - 13.56 nominal, Ford F1 or equal	\$ 181.59	\$ 363.18
21	6	Each		6" X 6" Flexible Reducing Coupling, O.D. Range: 9.05 - 9.40 X 6.90 - 7.20 nominal, Ford FC6-940-720-R or equal	\$ 214.90	\$ 1289.40
Bidder Must Bid ALL Items Within Group 2A To Be Considered For Group 2A Award					Group 2A Grand Total	\$ 22088.35

Group 2 - Water Main Repair Parts*****Acceptable Manufacturers Include*****

- Ford Meter Box Co. - Romac - Hymac - Dresser Industries - Smith-Blair - I.C.M. Industries - PowerSeal Pipeline Products Co.

Group 2B - Two (2) Bolt Wide (Extended) Range Repair Couplings

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
<u>1</u>	<u>6</u>	<u>Each</u>		2" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 2.10 - 3.00 Nominal	\$ <u>122.25</u>	\$ <u>733.50</u>
<u>2</u>	<u>2</u>	<u>Each</u>		4" Two Bolt Wide (Extend) Range Coupling, O.D. Range: 4.30 - 5.60 Nominal	\$ <u>202.36</u>	\$ <u>2428.32</u>
<u>3</u>	<u>18</u>	<u>Each</u>		6" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 6.50 - 7.60 Nominal	\$ <u>267.19</u>	\$ <u>4809.42</u>
<u>4</u>	<u>24</u>	<u>Each</u>		8" Two Bolt wide (Extended) Range Coupling, O.D. Range: 8.60 - 9.80 Nominal	\$ <u>302.59</u>	\$ <u>7262.16</u>
<u>5</u>	<u>4</u>	<u>Each</u>		10" Two Bolt Wide (extended) Range Coupling, O.D. Range: 10.70 - 12.00 Nominal	\$ <u>385.02</u>	\$ <u>1540.08</u>
<u>6</u>	<u>10</u>	<u>Each</u>		12" Two Bolt Wide (Extended) Range Coupling, O.D. Range: 12.60 - 13.70 Nominal	\$ <u>470.45</u>	\$ <u>4704.50</u>
Bidder Must Bid ALL Items Within Group 2B To Be Considered For Group 2B Award					Group 2B Grand Total	\$ <u>21477.98</u>

Ferguson Waterworks

Group 3 - Brass Meter Service Parts

Acceptable Manufacturers Include

- Ford Meter Box Co. - A.Y. McDonald Mfg. Co. - Cambridge Brass - Mueller Co. - Jones - Lee Brass Co. - Merit Brass Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	500	Each		1" MIP X Flare Male Adapter, Ford C28-44 or equal	\$ 21.31	\$ 10655.00
2	500	Each		1" FIP X FIP Ball Valve w/handle, Ford B11-444-HB-34 or equal	\$ 94.45	\$ 47225.00
3	500	Each		1" X Close Brass Nipple	\$ 4.79	\$ 2395.00
4	500	Each		1" X 1/2" Brass Elbow	\$ 12.17	\$ 6085.00
5	50	Each		1" X 3/4" Brass Elbow	\$ 11.76	\$ 588.00
6	50	Each		1" x 1" Brass Elbow	\$ 9.13	\$ 456.50
7	50	Each		1" X 1/2" Brass Bushing	\$ 4.78	\$ 239.00
8	100	Each		1 X 1/2" Brass Bushing	\$ 5.00	\$ 500.00
9	50	Each		1" X 1" X 1" Brass Tee	\$ 12.90	\$ 645.00
10	200	Each		3/4" FIP X FIP Ball Valve w/handle, Ford B11-333-HB-34 or equal	\$ 62.53	\$ 12506.00
11	500	Each		3/4" X Close Brass Nipple	\$ 3.25	\$ 1625.00
12	1000	Each		5/8" straight X 1/2" MIP Meter Coupling, (for 5/8" meter), Ford C38-11-2.375 or equal	\$ 9.59	\$ 9590.00
13	2000	Each		5/8" Meter Gasket, Waxed Leather, Ford GT-167 or equal	\$ 0.53	\$ 1060.00
14	20	Each		1" straight X 1/2" MIP Meter Coupling, (for 1/2" meter), Ford C38-23-2.5 or equal	\$ 10.89	\$ 217.80
15	50	Each		1/2" Meter Gasket, Waxed Leather, Ford GT-113 or equal	\$ 0.51	\$ 25.50
16	20	Each		1-1/4" straight X 1" MIP Meter Coupling, (for 1" meter), Ford C38-44-2.825 or equal	\$ 16.77	\$ 335.40
17	50	Each		1" Meter Gasket, Waxed Leather, Ford CGT-163	\$ 0.56	\$ 28.00
18	10	Each		2" FIP X 1-1/2" MIP Meter Coupling w/washer faced bushing and gasket, (1-1/2" meter), Ford 38-66 or equal	\$ 46.46	\$ 464.60
19	10	Each		2-1/2" FIP X 2" MIP Meter Coupling w/washer faced bushing and gasket, (2" meter), Ford 38-77 or equal	\$ 64.70	\$ 647.00
20	5	Each		1-1/4" FIP X FIP Ball Valve w/handle, Ford B11-555-HB-67 or equal	\$ 157.62	\$ 788.10
21	5	Each		1-1/2" FIP X FIP Ball Valve w/handle, Ford B11-666-HB-67 or equal	\$ 195.05	\$ 975.25
22	10	Each		2" FIP X FIP Ball Valve w/handle, Ford B11-777-HB-67 or equal	\$ 279.81	\$ 2798.10
Bidder Must Bid ALL Items Within Group 3 To Be Considered For Group 3 Award					Group 3 Grand Total	\$ 99849.25

Group 4 - Hydrants and Hydrant Parts*****The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4A - Fire Hydrants**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	3	Each	Kennedy Valve Co.	4.0 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3043.71	\$ 9131.13
2	6	Each	Kennedy Valve Co.	4.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3114.41	\$ 18686.46
3	6	Each	Kennedy Valve Co.	5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3185.12	\$ 19110.72
4	100	Each	Kennedy Valve Co.	5.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3255.82	\$ 325582.00
5	6	Each	Kennedy Valve Co.	6 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3326.52	\$ 19959.12
6	3	Each	Kennedy Valve Co.	6.5 ft. Worcester Spec Hydrant, Collision type, Kennedy Guardian K-81-D, No equal	\$ 3397.23	\$ 10191.69
7	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and yellow cap., No Equal	\$ 2016.62	\$ 12099.72
8	6	Each	Kennedy Valve Co.	K81V Worcester Spec. Vintage Upper Barrel, complete with yellow upper barrel, yellow nozzle caps and white cap., No Equal	\$ 2016.62	\$ 12099.72
9	25	Each	Kennedy Valve Co.	6" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 671.53	\$ 16788.25
10	10	Each	Kennedy Valve Co.	12" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 784.16	\$ 7841.60
11	6	Each	Kennedy Valve Co.	18" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 889.97	\$ 5339.824
12	2	Each	Kennedy Valve Co.	24" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 966.77	\$ 1933.54
13	2	Each	Kennedy Valve Co.	30" Hydrant Extension Kit, Kennedy K-81-D, No Equal	\$ 1420.71	\$ 2841.42
Bidder Must Bid ALL Items Within Group 4A To Be Considered For Group 4A Award					Group 4A Grand Total	\$ 461605.19

BIDDER NAME: Ferguson Waterworks**Group 4 - Hydrants and Hydrant Parts*******The Only Acceptable Manufacturer*******- Kennedy Valve Co.****Group 4B - Fire Hydrants Equipped with Factory Installed Pressure and Temp Monitoring Technology**

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	1	Each	Kennedy Valve Co.	5.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 5937.41	\$ 5937.41
2	1	Each	Kennedy Valve Co.	5.5 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 6008.11	\$ 6008.11
3	1	Each	Kennedy Valve Co.	6.0 ft Worcester Spec Hydrant, Collision type, Kennedy Guardian, K81D, equipped with factory installed pressure and temperature monitoring technology.	\$ 6078.81	\$ 6078.81
Bidder Must Bid ALL Items Within Group 4B To Be Considered For Group 4B Award					Group 4B Grand Total	\$ 18024.33

Group 4 - Hydrants and Hydrant Parts

The Only Acceptable Manufacturer

- Kennedy Valve Co.

Group 4C - Hydrant OEM Replacement Parts

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	25	Each	Kennedy Valve Co.	K-8101, Atemite Fitting	\$ 6.67	\$ 166.75
2	50	Each	Kennedy Valve Co.	Worcester Spec Operating Stem Nut (Part # 322852R)	\$ 231.37	\$ 11568.50
3	100	Each	Kennedy Valve Co.	K-8106, Thrust Washer	\$ 71.42	\$ 7142.00
4	10	Each	Kennedy Valve Co.	Worcester Spec Hose Nozzle Cap (Part # 3201262)	\$ 82.84	\$ 828.40
5	10	Each	Kennedy Valve Co.	Worcester Spec Steamer Nozzle Cap (Part # 3201272)	\$ 199.95	\$ 1999.50
6	50	Each	Kennedy Valve Co.	K-8114, Upper Stem	\$ 212.33	\$ 10616.50
7	15	Each	Kennedy Valve Co.	K-8115, Upper Barrel	\$ 1036.88	\$ 15553.20
8	200	Each	Kennedy Valve Co.	K-8118, Bolt & Nut	\$ 13.34	\$ 2668.00
9	100	Each	Kennedy Valve Co.	K-8122, Clip only, Lower coupling Pins	\$ 17.14	\$ 1714.00
10	25	Each	Kennedy Valve Co.	K-8142H, Hose Nozzle (includes set screw & "O" ring with each)	\$ 288.50	\$ 7212.50
11	10	Each	Kennedy Valve Co.	K-8142S, Steamer Nozzle (includes set screw & "O" ring with each)	\$ 288.50	\$ 2885.00
12	100	Each	Kennedy Valve Co.	K-8149, Collision repair Kit	\$ 303.77	\$ 30377.00
13	100	Each	Kennedy Valve Co.	K-8143H, Hose Nozzle Cap Gasket	\$ 9.52	\$ 952.00
14	100	Each	Kennedy Valve Co.	K-8143S, Steamer Nozzle Cap Gasket	\$ 18.10	\$ 1810.00
15	100	Each	Kennedy Valve Co.	K-8145S, O-ring for Steamer Nozzle	\$ 11.43	\$ 1143.00
16	100	Each	Kennedy Valve Co.	K-8145H, O-ring for Hose Nozzle	\$ 4.77	\$ 477.00
17	50	Each	Kennedy Valve Co.	K-8105, O-ring for Operating Stem Nut	\$ 10.48	\$ 524.00
18	25	Each	Kennedy Valve Co.	K-8104, Stem Lock Nut	\$ 71.42	\$ 1785.50
19	25	Each	Kennedy Valve Co.	K-8103, Dirt Shield	\$ 36.18	\$ 904.50
Bidder Must Bid ALL Items Within Group 4C To Be Considered For Group 4C Award					Group 4C Grand Total	\$ 100327.35

Group 5 - Water Curb Stop Boxes and Valve Boxes**Group 5A - Curb Stop Boxes*******Acceptable Manufacturers Include*****

- A.Y. McDonald - Bingham & Taylor - El - General Foundries - Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	200	Each		4-1/2 ft. - 5-1/2 ft., Erie Curb Box, Rod Style w/Pentagonal Nut Cover and 3/8" Rod	\$ 96.55	\$ 19310.00
2	200	Each		Erie Cover with Pentagonal Nut	\$ 19.74	\$ 3948.00
3	50	Each		24" Rod	\$ 25.88	\$ 1294.00
4	50	Each		6" Curb Box Extension	\$ 12.97	\$ 648.50
5	50	Each		12" Curb Box Extension	\$ 15.84	\$ 792.00
6	50	Each		18" Curb Box Extension	\$ 17.28	\$ 864.00
Bidder Must Bid ALL Items Within Group 5A To Be Considered For Group 5A Award					Group 5A Grand Total	\$ 26856.50

Ferguson Waterworks**Group 5 - Water Curb Stop Boxes and Valve Boxes****Group 5B - Valve Boxes (BABA Compliant)*******Acceptable Manufacturers Include*****

- Bingham & Taylor - El - Tyler Union

<u>Item #</u>	<u>Estimated Annual Quantity</u>	<u>Unit of Measurement</u>	<u>Manufacturer</u>	<u>Description</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1	400	Each		6" Gate Box Cover	\$ 18.31	\$ 7324.00
2	200	Each		26" Long Gate Box Top	\$ 85.75	\$ 17150.00
3	200	Each		36" Long Gate Box Bottom	\$ 108.22	\$ 21644.00
4	50	Each		18" Long Gate Box Extension	\$ 81.58	\$ 4079.00
Bidder Must Bid ALL Items Within Group 5B To Be Considered For Group 5B Award					<u>Group 5B Grand Total</u>	\$ 50197.00

Group 7 - Water Pipe, Valves, Fittings**Group 7A - Class 52 Ductile Iron Pipe, Zinc Coated**

Acceptable Manufacturers Include

-American AVK Co. -American Ductile Iron Pipe -Crown Valve Co. -Griffin Pipe Products Co. -Henry Pratt Co. -Kennedy Valve Co. -M&H Valve Co.
 -McWane Ductile -Mueller Co. -Sierra Corp. -Tyler Union -U.S. Pipe & Foundry Co. -United Brand

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	20	Feet		3-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 81.16	\$ 1623.20
2	20	Feet		4-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 47.44	\$ 948.80
3	200	Feet		6-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 37.86	\$ 7572.00
4	200	Feet		8-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 50.95	\$ 10190.00
5	20	Feet		10-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 66.68	\$ 1333.60
6	80	Feet		12-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 84.02	\$ 6721.60
7	20	Feet		14-Inch Ductile Iron Pipe, Zinc Coated, Cement Lined, Class 52, Push On joint with gaskets	\$ 103.80	\$ 2076.00
Bidder Must Bid ALL Items Within Group 7A To Be Considered For Group 7A Award					Group 7A Grand Total	\$ 30465.20

Ferguson Waterworks**Group 7 - Water Pipe, Valves, Fittings****Group 7B - Resilient Wedge Gate Valves**

Acceptable Manufacturers Include

-American AVK Co. -American Flow Control -Clow Valve Co. -Henry Pratt Co. -Kennedy Valve Co. -M&H Valve Co. -Mustler Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		4-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 722.97	\$ 1445.94
2	12	Each		6-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 922.55	\$ 11070.60
3	12	Each		8-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 1469.41	\$ 17632.92
4	1	Each		10-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 2291.25	\$ 2291.25
5	6	Each		12-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 2899.28	\$ 17395.68
6	1	Each		14-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 7718.32	\$ 7718.32
7	1	Each		16-Inch Resilient Wedge Gate Valve, Mechanical Joint, Ductile Iron Body, Epoxy Coating, Open Right	\$ 8260.84	\$ 8260.84
Bidder Must Bid ALL Items Within Group 7B To Be Considered For Group 7B Award					Group 7B Grand Total	\$ 65815.55

Ferguson Waterworks

Group 7 - Water Pipe, Valves, Fittings**Group 7C - Butterfly Valves**

Acceptable Manufacturers Include

-American Flow Control -Glow Valve Co. -Henry Pratt Co. -Kennedy Valves Co. -MNH Valve Co. -Mueller Co.

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	2	Each		16-Inch Butterfly Valve, CLASS 250 B , Mechanical Joint, Ductile Iron Body, 450 ft. lb. Rated Operator, Epoxy Coating, Open Right	\$ 4975.82	\$ 9951.64
Bidder Must Bid ALL Items Within Group 7C To Be Considered For Group 7C Award					Group 7C Grand Total	\$ 9951.64

Group 7 - Water Pipe, Valves, Fittings**Group 7D - Mechanical Joint Accessories**

Acceptable Manufacturers Include

-Block Buster -Ebbel Iron -MEGALUG -One Lok -Sigma -TUF Grip -Tyler Union -Uni Flange

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	6	Each		4" Mechanical Joint Restraint Gland w/ 4" MJ gasket, T-head bolts and nuts	\$ 49.42	\$ 296.52
2	75	Each		6" Mechanical Joint Restraint Gland w/ 6" MJ gasket, T-head bolts and nuts	\$ 62.30	\$ 4672.50
3	50	Each		8" Mechanical Joint Restraint Gland w/ 8" MJ gasket, T-head bolts and nuts	\$ 83.20	\$ 4160.00
4	4	Each		10" Mechanical Joint Restraint Gland w/ 10" MJ gasket, T-head bolts and nuts	\$ 118.84	\$ 475.36
5	20	Each		12" Mechanical Joint Restraint Gland w/ 12" MJ gasket, T-head bolts and nuts	\$ 155.98	\$ 3119.60
6	4	Each		14" Mechanical Joint Restraint Gland w/ 14" MJ gasket, T-head bolts and nuts	\$ 195.00	\$ 780.00
7	6	Each		16" Mechanical Joint Restraint Gland w/ 16" MJ gasket, T-head bolts and nuts	\$ 264.07	\$ 1584.42
Bidder Must Bid ALL Items Within Group 7D To Be Considered For Group 7D Award					Group 7D Grand Total	\$ 15088.40

Ferguson Waterworks

Group 8 - Polyethylene Water Service Tubing

Acceptable Manufacturers Include

- Endot Industries - Silver Line Plastics

Item #	Estimated Annual Quantity	Unit of Measurement	Manufacturer	Description	Unit Cost	Total Cost
1	10,000	Feet		1-Inch Polyethylene Tubing, 100 ft. coil, PE 4710, 250 PSI	\$ 0.60	\$ 6000.00
Bidder Must Bid ALL Items Within Group 8 To Be Considered For Group 8 Award					Group 8 Grand Total	\$ 6000.00