CITY OF ALBANY, NY
BOARD OF CONTRACT AND SUPPLY

Tuesday

November 19, 2019

Present:

MICHAEL WHEELER, Budget Director

DARIUS SHAHINFAR, Treasurer

WILLIAM KELLY, Corporation Counsel

RANDALL MILANO, City Engineering

DAN DILILLO, Deputy Commissioner of DGS

Shahinfar offered a motion to accept the agenda
Milano seconded the motion

(5) Affirmative (0) Negative

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

Mr. Milano offered the following:

Resolved, that the Secretary be authorized and directed to advertise for bids for the following:

City of Albany
Maintenance Contract For Quackenbush Square
Cooling Tower Testing And Inspection

BIDS TO BE RECEIVED

Said proposals to be received by the Board at a regular meeting to be held on December 3, 2019 at 1:30 p.m. and that each bidder be required to present with the bid a deposit in the amount equal to 5% of the total bid in a bid bond or certified check, conditioned upon entering into the contract if the bid is accepted and for the performance of the same.

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

The following was offered on behalf of the Albany Water Board:

RESOLVED, that the Secretary be authorized and directed to advertise for bids on behalf of the Albany Water Board for the following:

Purchase of Fire Hydrant Locks

BIDS TO BE RECEIVED

Said proposals to be received by the Board at a regular meeting to be held Tuesday, December 3, 2019 at 1:30 P.M., and that each bidder be required to present with the bid a deposit equal in amount to 5% of the total bid in a bid bond or certified check, conditioned upon his entering into the contract if his bid be accepted and for the performance of the same.

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

The following was offered on behalf of the Albany Water Board:

RESOLVED, that the Secretary be authorized and directed to advertise for bids on behalf of the Albany Water Board for the following:

Sedimentation Building Repairs

BIDS TO BE RECEIVED

Said proposals to be received by the Board at a regular meeting to be held Tuesday, January 7, 2020 at 1:30 P.M., and that each bidder be required to present with the bid a deposit equal to 5% of the purchase price in a bid bond or certified check, conditioned upon his entering into the contract if his bid should be accepted and for the performance of the same.

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Biodegradable Yard Waste Bags
Department of General Services

Name of Bidder	Security	Amount of Bid
Dano Enterprises, Inc. 4 Omega Drive Stamford, CT 06907	Official Check	$484/1000 Bags x 180= $87,120 50% recycled material Minimum # of days required to make delivery from each written order notice: 10-14 days Contract Extension #1 not to exceed 6% Contract Extension #2 not to exceed 6%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Construction Equipment Tires, Tire Mounting & Repair Service
Department of General Services

Name of Bidder	Security	Amount of Bid
McCarthy Tire Service 980 Broadway Albany, NY 12204	Bid Bond	Normal Shop Rate: $75.00/Hour Normal Field Rate: $95.00/Hour Emergency Shop Labor Rate: $75.00/Hour Emergency Field Labor Rate: $100.00/Hour Hourly Mobilization Rate: $100.00/Hour Discount on Parts/Material from Retail: 10% Discount on Tires from Retail: 100% (Government State Pricing) Bridgestone/Firestone Foam Fill Service $1.00/Pound Contract Extension #1 increase 3% Contract Extension #2 increase 3%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Heavy & Light Suspension Work
Department of General Services

Name of Bidder	Security	Amount of Bid
Watkins Spring Co., Inc. 368 Central Avenue Albany, NY 12206	Official Check	Normal Labor Rate: $66/Hour Light Duty $90/Hour Heavy Duty Emergency Labor Rate: $99/Hour Light Duty $135/Hour Heavy Duty Discount on Parts from Retail: Cost Plus 20% NYS Safety & Emissions Inspections Fee: Up to $26 depends on vehicle year & registered weight Contract Extension #1 not to exceed 5% Contract Extension #2 not to exceed 5%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative __5___ Negative__0___

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Heavy Rescue Apparatus
Albany Fire Department

Name of Bidder	Security	Amount of Bid
Vander Molen Fire Apparatus 224 Wellington Road Dewitt, NY 13214	Bid Bond	$599,698.11 Add $3,500 for on spot Tire Chains Add $10,000 for tool mounting allowance

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative __5__ Negative__0__

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Heavy Truck Tires, Tire Mounting & Repair Service
Department of General Services

Name of Bidder	Security	Amount of Bid
McCarthy Tire Service 980 Broadway Albany, NY 12204	Bid Bond	Normal Shop Rate: $58.00/Hour Normal Field Rate: $81.00/Hour Emergency Shop Labor Rate: $69.00/Hour Emergency Field Labor Rate: $91.00/Hour Hourly Mobilization Rate: $91.00/Hour Discount on Parts/Material from Retail: 10% Discount on Tires from Retail: 100% (Government State Pricing) Bridgestone/Firestone Foam Fill Service $1.00/Pound Purchase of Tire Carcass: $74.00/Tire Contract Extension #1 increase 3% Contract Extension #2 increase 3%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Light Truck Tires, Tire Mounting & Repair Service
Department of General Services

Name of Bidder	Security	Amount of Bid
McCarthy Tire Service 980 Broadway Albany, NY 12204	Bid Bond	Normal Shop Rate: $65.00/Hour Normal Field Rate: $75.00/Hour Emergency Shop Labor Rate: $65.00/Hour Emergency Field Labor Rate: $85.00/Hour Hourly Mobilization Rate: $75.00/Hour Discount on Parts/Material from Retail: 10% Discount on Tires from Retail: 100% (Government State Pricing) Bridgestone/Firestone Foam Fill Service $1.02/Pound Purchase of Tire Carcass: $74.00/Tire Contract Extension #1 increase 3% Contract Extension #2 increase 3%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative __5___ Negative__0___

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Passenger Tires, Tire Mounting & Repair Service
Department of General Services

Name of Bidder	Security	Amount of Bid
McCarthy Tire Service 980 Broadway Albany, NY 12204	Bid Bond	Normal Shop Rate: $59.00/Hour Normal Field Rate: $82.50/Hour Emergency Shop Labor Rate: $60.00/Hour Emergency Field Labor Rate: $92.50/Hour Hourly Mobilization Rate: $92.50/Hour Discount on Parts/Material from Retail: 20% Discount on Tires from Retail: 20% (Government State Pricing) Bridgestone/Firestone Contract Extension #1 increase 3% Contract Extension #2 increase 3%

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative __5___ Negative__0___

BOARD OF CONTRACT AND SUPPLY
City of Albany, NY
Date Bids Received: November 19, 2019

Title: Water & Sewer Supplies
Water Department

Name of Bidder	Security	Amount of Bid
Blair Supply Corp. 785 Beahan Road Rochester, NY 14624	Bid Bond	See Attached List
Core & Main LP 14 Arch Street Watervliet, NY 12189	Bid Bond	See Attached List
EJ 301 Spring Street PO Box 439 East Jordan, MI 49727	Bid Bond	See Attached List
EJ Prescott Inc. 198 Ushers Road Round Lake, NY 12151	Bid Bond	See Attached List
F.W. Webb Company 160 Middlesex Turnpike Bedford, MA 01730	Bid Bond	See Attached List
Ferguson Waterworks 612 Pierce Road Clifton Park, NY 12065	No Security	
Ti Sales 36 Hudson Road Sudbury, MA 01776	Bid Bond	See Attached List
Woodward Company 9 Burdick Drive Albany, NY 12205	No Security	

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative __5___ Negative__0___

Albany Water Department; Section 1: T&D Bid Items

Blair Supply

Group # 1, Wide Range Duticle Iron Pipe Couplings up to 12" (groups must be won entirely)

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
1	3" Wide Range DI Pipe Coupling (3.46"-4.33") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$120.30	$601.50
2	4" Wide Range DI Pipe Coupling (4.25"-5.63") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$154.20	$771.00
3	6" Wide Range DI Pipe Coupling (6.42"-7.68") or wider range	120	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$204.20	$24,504.00
4	8" Wide Range DI Pipe Coupling (8.54"-9.84") or wider range	15	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$230.05	$3,450.75
5	10" Wide Range DI Pipe Coupling (10.70"-12.00") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$296.55	$889.65
6	10" Wide Range DI Pipe Coupling (10.96-12.26") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$319.00	$957.00
7	12" Wide Range DI Pipe Coupling (12.40"-13.66") or wider range	15	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$350.00	$5,250.00
8	12" Wide Range DI Pipe Coupling (13.15"-14.41") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$427.00	$2,135.00
9	Wide Range DI Pipe Reducer (4"-3")	5	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$191.50	$957.50
10	Wide Range DI Pipe Reducer (6"-4")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$270.50	$2,164.00
11	Wide Range DI Pipe Reducer (8"-6")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$312.50	$2,500.00
							Price Total for Group # 1:	**$44,180.40**

Group # 2, Wide Range Duticle Iron Pipe Couplings over 12" (groups must be won entirely)

MUST BE AWWA C219, NSF61, NSF372

12	16" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$955.00	$1,910.00
13	20" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$1,215.00	$2,430.00
14	24" Wide Range DI Pipe Coupling (24.60"-26.70")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$1,296.00	$2,592.00
15	30" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$2,475.00	$4,950.00
16	36" Wide Range DI Pipe Coupling (37.90"-40.00")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$2,589.00	$5,178.00
17	42" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$3,115.00	$6,230.00
18	48" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax-Non AIS Compliant	$8,500.00	$17,000.00
							Price Total for Group # 2:	**$40,290.00**

Group # 3, Stainless Steel Repair Clamps (Groups Must Be Won Entirely)

19	1/2" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-084-6R	$25.90	$51.80
20	3/4" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-105-6R	$26.15	$52.30
21	1" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-132-6R	$26.35	$52.70
22	1.5" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-190-6R	$27.15	$54.30
23	2" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-7.5	$37.70	$75.40
24	2" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-12.5	$53.70	$107.40

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
25	2.25"-2.5" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-7.5	$77.80	$155.60
26	2.25"-2.5" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-15	$70.60	$141.20
27	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-7.5	$42.90	$85.80
28	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-7.5	$42.90	$85.80
29	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-15	$75.00	$150.00
30	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-15	$75.00	$150.00
31	4" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-7.5	$45.10	$90.20
32	4" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-12.5	$72.20	$144.40
33	4" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-15	$78.50	$157.00
34	4" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-20	$127.50	$255.00
35	6" x 7.5" Stainless Steel Repair Clamp	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-7.5	$54.30	$2,715.00
36	6" x 12.5" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-12.5	$86.70	$1,734.00
37	6" x 15" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-15	$95.90	$1,918.00
38	6" x 20" Stainless Steel Repair Clamp	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-20	$158.00	$474.00
39	6" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-30	$212.90	$425.80
40	8" x 7.5" Stainless Steel Repair Clamp	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-7.5	$63.75	$956.25
41	8" x 12.5" Stainless Steel Repair Clamp	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-12.5	$102.00	$816.00
42	8" x 15" Stainless Steel Repair Clamp	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-15	$116.65	$466.60
43	8" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-20	$170.70	$341.40
44	8" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-30	$249.70	$499.40
45	10" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-7.5	$87.60	$175.20
46	10" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-15	$158.40	$316.80
47	10" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-20	$211.50	$423.00
48	10" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-30	$354.20	$708.40
49	12" x 7.5" Stainless Steel Repair Clamp	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-7.5	$99.60	$597.60
50	12" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-15	$180.20	$360.40
51	12" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-20	$251.10	$502.20
52	12" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-30	$392.00	$784.00
53	16" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-15	$383.00	$766.00
54	16" x 24" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-24	$655.60	$1,311.20
55	16" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-30	$916.40	$1,832.80

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
56	20" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-20	$562.80	$1,125.60
57	20" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-30	$1,010.00	$2,020.00
58	24" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-20	$880.00	$1,760.00
59	24" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-30	$1,500.00	$3,000.00
							Price Total for Group # 3:	**$27,838.55**

Group # 4, Service Saddles & Tapping Sleeves

60	4" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC3	$50.75	$203.00
61	4" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC4	$50.75	$101.50
62	4" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC6	$56.10	$112.20
63	4" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC7	$56.10	$112.20
64	6" Service Saddle with 3/4" Tap	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC3	$59.00	$1,770.00
65	6" Service Saddle with 1" Tap	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC4	$59.00	$295.00
66	6" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC6	$63.50	$127.00
67	6" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC7	$63.50	$127.00
68	8" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC3	$67.50	$270.00
69	8" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC4	$67.50	$135.00
70	8" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC6	$72.70	$145.40
71	8" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC7	$72.70	$145.40
72	10" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC3	$81.60	$163.20
73	10" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC4	$81.60	$163.20
74	10" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC6	$88.80	$177.60
75	10" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC7	$88.80	$177.60
76	12" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC3	$84.90	$339.60
77	12" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC4	$84.90	$169.80
78	12" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC6	$95.50	$191.00
79	12" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC7	$95.50	$191.00
80	16" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC3	$107.70	$215.40
81	16" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC4	$107.70	$215.40
82	16" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC6	$119.10	$238.20
83	16" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC7	$119.10	$238.20
84	20" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC3	$137.00	$274.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
85	20" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC4	$137.00	$274.00
86	20" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC6	$163.75	$327.50
87	20" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC7	$163.75	$327.50
88	24" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC3	$152.90	$305.80
89	24" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC4	$152.90	$305.80
90	24" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC6	$170.00	$340.00
91	24" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC7	$170.00	$340.00
92	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-730-6	$470.00	$940.00
93	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-6	$600.00	$1,200.00
94	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-8	$720.00	$1,440.00
							Price Total for Group # 4:	**$12,098.50**

Group # 5, Ductile Iron Pipe; 4"-12" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

95	4" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	4" TJ, CL-52, DI Pipe	$13.38	$66.90
96	6" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	6" TJ, CL-52, DI Pipe	$16.88	$844.00
97	8" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	8" TJ, CL-52, DI Pipe	$23.75	$1,187.50
98	10" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	10" TJ, CL-52, DI Pipe	$31.00	$62.00
99	12" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	12" TJ, CL-52, DI Pipe	$39.25	$1,962.50
							Price Total for Group # 5:	**$4,122.90**

Group # 6, Ductile Iron Pipe; 16"-60" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

100	16" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	16" TJ, CL-52, DI Pipe	$56.50	$282.50
101	20" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	20" TJ, CL-52, DI Pipe	$74.00	$370.00
102	24"Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	24" TJ, CL-52, DI Pipe	$93.00	$465.00
103	30" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	30" TJ, CL-52, DI Pipe	$150.00	$300.00
104	36" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	36" TJ, CL-52, DI Pipe	$206.00	$412.00
105	42" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	42" TJ, CL-52, DI Pipe	$277.00	$554.00
106	48" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	48" TJ, CL-52, DI Pipe	$400.00	$800.00
							Price Total for Group # 6:	**$3,183.50**

Group # 7, Bell Joint Leak Clamps, 4"-12" (groups must be won entirely)

107	Bell Joint Leak Clamps (4")	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-	$110.00	$550.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
108	Bell Joint Leak Clamps (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-710	$89.50	$895.00
109	Bell Joint Leak Clamps (8")	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-930	$109.00	$327.00
110	Bell Joint Leak Clamps (10")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1140	$136.50	$273.00
111	Bell Joint Leak Clamps (12")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1350	$147.75	$295.50
							Price Total for Group # 8:	**$2,340.50**

Group # 8, Bell Joint Leak Clamps, 16"-60" (groups must be won entirely)

112	Bell Joint Leak Clamps (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 16"	$290.00	$580.00
113	Bell Joint Leak Clamps (20")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 20"	$463.00	$926.00
114	Bell Joint Leak Clamps (24")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 24"	$533.00	$1,066.00
115	Bell Joint Leak Clamps (36")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 36"	$1,150.00	$2,300.00
116	Bell Joint Leak Clamps (42")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 42"	$5,675.00	$11,350.00
117	Bell Joint Leak Clamps (48")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 48"	$7,999.00	$15,998.00
							Price Total for Group # 9:	**$32,220.00**

Group # 9, MJ Glands, & Gasket Kits, 4"-12" (groups must be won entirely)

118	4" MJ Gland	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	TYLER	$9.60	$57.60
119	6" MJ Gland	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$10.30	$309.00
120	6" Oversized MJ Gland	50	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$11.30	$565.00
121	8" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$12.30	$123.00
122	10" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$18.50	$74.00
123	12" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$19.20	$192.00
124	4" MJ Blue Bolt & Gasket Kit	15	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$25.40	$381.00
125	6" MJ Blue Bolt & Gasket Kit	150	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$34.60	$5,190.00
126	8" MJ Blue Bolt & Gasket Kit	20	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$35.40	$708.00
127	10" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$50.00	$300.00
128	12" MJ Blue Bolt & Gasket Kit	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$52.00	$1,560.00
							Price Total for Group # 10:	**$9,459.60**

Group # 10, MJ Glands, & Gasket Kits, 16"-48" (groups must be won entirely)

129	16" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	TYLER	$36.00	$144.00
130	20" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$63.00	$252.00
131	24" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$92.00	$368.00
132	30" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$225.00	$900.00
133	36" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$650.00	$2,600.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
134	42" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	TYLER	$870.00	$3,480.00
135	48" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$1,100.00	$4,400.00
136	16" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$86.00	$516.00
137	20" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$100.00	$600.00
138	24" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$125.00	$750.00
139	30" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$425.00	$2,550.00
140	36" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$508.00	$3,048.00
141	42" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$680.00	$4,080.00
142	48" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$750.00	$4,500.00
							Price Total for Group # 11:	**$28,188.00**
	Group # 11, Restraint Glands, 4"-12" (groups must be won entirely)							
143	4" Restraint Glands	8	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	FORD	$16.95	$135.60
144	6" Restraint Glands	100	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$19.95	$1,995.00
145	8" Restraint Glands	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$30.50	$305.00
146	10" Restraint Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$45.15	$180.60
147	12" Restraint Glands	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$65.50	$1,965.00
							Price Total for Group # 12:	**$4,581.20**
	Group # 12, Restraint Glands, 16"-48" (groups must be won entirely)							
148	16" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	FORD	$127.90	$511.60
149	20" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$225.00	$900.00
150	24" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$312.00	$1,248.00
151	30" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$667.00	$1,334.00
152	36" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$865.00	$1,730.00
153	42" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$1,385.00	$2,770.00
154	48" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford		$1,805.00	$3,610.00
							Price Total for Group # 13:	**$10,692.00**
	Group # 13, Ductile Iron Pipe Tee's, Cross's, Bends & Reducers Mechanical Joint (groups must be won entirely)							
	MUST BE AWWA C153							
155	DI Pipe 12X6X12X6 CROSS (12" straight through x 6" straight through)	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	TYLER	$398.00	$1,194.00
156	DI Pipe 12X8X12X8 CROSS (12" straight through x 8" straight through)	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$428.00	$856.00
157	DI Pipe 12X12X12 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$480.00	$1,440.00
158	DI Pipe 12X12X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$365.00	$730.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
159	DI Pipe 12X12X6 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	TYLCOR	$345.00	$1,035.00
160	DI Pipe 10X10X8 TEE	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$336.00	$336.00
161	DI Pipe 8X8X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$218.00	$436.00
162	DI Pipe 6X6X6X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$229.00	$458.00
163	DI Pipe 8X6X8X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$284.00	$568.00
164	DI Pipe 6X6X6 TEE	12	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$147.00	$1,764.00
165	DI Pipe 6X6X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$132.00	$264.00
166	DI Pipe 8X8X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$151.00	$302.00
167	DI Pipe 4X4X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$86.00	$172.00
168	DI Pipe 12X12 90 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$373.00	$1,119.00
169	DI Pipe 12X12 45 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$297.00	$891.00
170	DI Pipe 12X12 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$252.00	$504.00
171	DI Pipe 12X12 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$238.00	$476.00
172	DI Pipe 10X10 90 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$258.00	$258.00
173	DI Pipe 10X10 45 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$171.00	$171.00
174	DI Pipe 10X10 22.5 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$166.00	$166.00
175	DI Pipe 10X10 11.25 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$173.00	$173.00
176	DI Pipe 8X8 90 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$149.00	$596.00
177	DI Pipe 8X8 45 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$119.00	$476.00
178	DI Pipe 8X8 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$116.00	$232.00
179	DI Pipe 8X8 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$106.00	$212.00
180	DI Pipe 6X6 90 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$102.00	$612.00
181	DI Pipe 6X6 45 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$84.00	$504.00
182	DI Pipe 6X6 22.5 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$76.00	$228.00
183	DI Pipe 6X6 11.25 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$79.00	$237.00
184	DI Pipe 4X4 90 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$64.00	$128.00
185	DI Pipe 4X4 45 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$55.00	$110.00
186	DI Pipe 4X4 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$53.00	$106.00
187	DI Pipe 4X4 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$49.00	$98.00
188	DI Pipe 12X10 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$182.00	$364.00
189	DI Pipe 12X8 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified		$190.00	$380.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
190	DI Pipe 12X6 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	TYLER	$186.00	$372.00
191	DI Pipe 8x4 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	"	$92.00	$184.00
							Price Total for Group # 14:	**$18,152.00**

Group # 14, Valve Boxes, Caps & Risers (groups must be won entirely)

192	Valve boxes, 3-piece, (top,bottom & cap); Screw Type, heavy-duty, AIS Certified, w/ drop in "Water" lid, 5-1/4" x 27" VB Top, 5-1/4" x 36" VB Bottom	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	TYLER	$215.00	$32,250.00
193	Valve Box Caps, (Caps only; same as caps included with item # 203	300	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby		$13.00	$3,900.00
194	5-1/4" x 1" VB drop in riser	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby		$9.00	$1,350.00
195	5-1/4" x 2" VB drop in reser	200	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby		$14.00	$2,800.00
196	5-1/4" x 4" VB drop in riser	40	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby		$34.00	$1,360.00
197	5-1/4" x 6" VB drop in riser	15	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby		$70.00	$1,050.00
198	5-1/4" x 12" VB drop in riser	10	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	BIBBY	$56.00	$560.00
							Price Total for Group # 15:	**$43,270.00**

Group # 15, Gate Valves (4"- 12") (groups must be won entirely)

MUST BE AWWA C515

199	4" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	KENNEDY	$485.00	$1,455.00
200	6" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	30	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		$614.00	$18,420.00
201	8" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		$982.00	$2,946.00
202	10" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	2	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		$1,490.00	$2,980.00
203	12" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		$1,930.00	$11,580.00
204	16" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		$6,500.00	$39,000.00
							Price Total for Group # 16:	**$76,381.00**

Group # 16, Butterfly Valves (16"- 48") (groups must be won entirely)

MUST BE AWWA C504 MJ ENDS 150B

205	Valves; AIS Certified, Cast Iron, MJ, Open Right (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	KENNEDY	$3,125.00	$6,250.00
206	Valves; AIS Certified, Cast Iron, MJ, Open Right (20")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$4,460.00	$4,460.00
207	Valves; AIS Certified, Cast Iron, MJ, Open Right (24")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$6,410.00	$6,410.00
208	Valves; AIS Certified, Cast Iron, MJ, Open Right (32")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$13,750.00	$13,750.00
209	Valves; AIS Certified, Cast Iron, MJ, Open Right (36")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$16,800.00	$16,800.00
210	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (42")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$26,600.00	$26,600.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
211	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (48")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog		$29,750.00	$29,750.00
							Price Total for Group # 17:	$104,020.00

Group # 17, Brass Service Fittings (groups must be won entirely)

MUST BE AWWA C800, NSF/ANSI 372

*Ford

212	90°; 3/4" Fem. Copper x 3/4" CTS	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-33S-NL	$26.20	$2,620.00
213	Ball Valve; 3/4" CTS x 3/4" CTS	75	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-NL	$57.90	$4,342.50
214	3/4" CC Tap. Thread x 3/4" Flare Copper	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-3-NL	$26.50	$1,325.00
215	90°; RC 1; 5/8" Meter Nut x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L34-13-NL	$16.25	$650.00
216	90°; 3/4" Fem. Thread x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-33S-NL	$20.10	$804.00
217	5/8" XS LP OR 3/4" PEP x 3/4" CTS PC	35	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-23-NL	$19.05	$666.75
218	1/2" Female Wiped Lead x 3/4" Flare Copper	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-13-NL	$14.10	$423.00
219	1/2" XXS LP OR 5/8" S LP x 3/4" MIPT	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-23, Q38-13	$22.30	$669.00
220	3/4" CTS QJ x 3/4" QJ	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-33-Q-NL	$15.95	$319.00
221	5/8" XXS LP x 3/4" MIPT	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-33-NL, Q38-23-NL	$23.50	$352.50
222	Ball Valve; 3/4" CTS x 3/4" FIPT	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-333-Q-NL	$50.80	$609.60
223	5/8" Female Wiped Lead x 3/4" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-23-NL	$16.20	$194.40
224	1" CC Tap. Thread x 1" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-4-NL	$40.60	$487.20
225	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-SW	$69.20	$692.00
226	Curb Stop; 3/4" CTS x 3/4" CTS	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	BC44-333-SW-NL	$69.20	$692.00
227	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-6-NL	$124.50	$1,245.00
228	2" CC Tap. Thread x 2" Flare Copper	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-7-NL	$217.20	$2,172.00
229	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-44S	$35.85	$358.50
230	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-44S	$29.00	$290.00
231	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-33-NL	$33.40	$334.00
232	Curb Stop; Ball Valve; 1" CTS x 1" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-Q-NL	$87.00	$696.00
233	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-44	$18.25	$146.00
234	PJC; 1-1/2" CTS x 2" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-67-NL	$66.50	$532.00
235	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L44-33-Q	$20.60	$164.80
236	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-33	$30.10	$240.80
237	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-43	$51.70	$413.60
238	3/4" Female Wiped Lead x 3/4" Flare Copper	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-33-NL	$15.25	$91.50
239	1/2" XX SLP OR 5/8" Strong x 3/4" CTS	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-23/Q34-13	$26.90	$161.40

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
240	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-44	$54.50	$327.00
241	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-33	$24.10	$144.60
242	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-43	$50.35	$302.10
243	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-666	$143.19	$572.76
244	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-777	$209.30	$837.20
245	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-444	$78.05	$312.20
246	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666	$170.05	$680.20
247	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666-SW	$204.00	$816.00
248	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-777	$235.00	$940.00
249	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-SW	$98.00	$392.00
250	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-666	$206.00	$824.00
251	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-777	$290.00	$1,160.00
252	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C01-77	$58.50	$234.00
253	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-45	$21.70	$86.80
254	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-66	$47.25	$189.00
255	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-77	$89.50	$358.00
256	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-78	$120.00	$480.00
257	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34	$18.50	$74.00
258	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34-Q	$18.50	$74.00
259	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-55	$31.50	$126.00
260	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-56	$50.00	$200.00
261	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-66	$61.10	$244.40
262	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-77	$82.00	$328.00
263	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C46-44	$28.80	$115.20
264	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C66-55	$55.00	$220.00
265	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-11	$12.75	$51.00
266	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-33	$13.10	$52.40
267	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-43	$14.20	$56.80
268	1" MIPT x 1" CTS	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-44	$15.50	$62.00
269	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-55	$29.60	$118.40
270	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-66	$42.50	$170.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
271	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-77	$61.95	$247.80
272	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-33	$17.35	$69.40
273	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-44	$25.20	$100.80
274	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-54	$33.80	$135.20
275	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-55	$38.20	$152.80
276	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-65	$42.70	$170.80
277	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-66	$59.80	$239.20
278	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-77	$95.00	$380.00
279	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-44	$26.00	$104.00
280	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L84-44-Q	$23.80	$95.20
281	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-33	$17.20	$68.80
282	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-44S	$33.40	$133.60
283	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-66	$68.00	$272.00
284	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-77	$105.00	$420.00
285	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-44	$42.50	$170.00
286	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-44	$53.30	$213.20
287	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-56	$73.05	$292.20
288	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-66	$86.00	$344.00
289	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-77	$138.00	$552.00
290	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q26-66	$86.50	$346.00
291	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-44	$40.00	$160.00
292	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-66	$59.50	$238.00
293	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-77	$118.50	$474.00
294	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-44	$48.80	$195.20
295	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-33	$28.25	$113.00
296	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-44	$39.50	$158.00
297	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q84-33LL *L84-33	$14.35	$57.40
298	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	T444-444	$41.30	$165.20
299	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Z44-111	$35.60	$142.40
300	2" CTS x 2" FNPT with Swivel	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74779Q	$225.00	$900.00
301	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74776S	no bid	$0.00

Core & Main
1830 Craig Park Court
St Louis, MO
63146

Core & Main
14 Arch Street
Watervliet, NY 12189

November 4, 2019

To Whom it May Concern,

In order to meet AIS compliance and/or keep pricing at a reasonable amount, we have deviated from the specified product in the following groups.

Group 1 partially, Group 3, Group 4, Group 14, Group 18, Group 30

Group 6 Sewer

Included are the specification sheets for the items we have quoted.

Thanks,

Nora Sanford

Lead Inside Sales Rep

Core & Main

14 Arch Street

Watervliet, NY 12189

Local **Knowledge**
Local **Experience**
Local **Service, Nationwide®**

Group # 1 - AIS

MACRO HP EXTENDED RANGE COUPLING
2 – 12 INCH

SUBMITTAL INFORMATION

USE

Provides an Extended Range Coupling for multi-purpose use from steel pipe up through class 200 asbestos cement pipe. Each end requires only one bolt to compress the gasket around the pipe. The MACRO can accommodate up to 10 degrees of deflection.

STANDARD

The MACRO coupling is in accordance with the requirements of AWWA Standard C219.

MATERIALS

CASTINGS
All cast components (end rings, center ring, and bolt cams) are ductile iron, meeting or exceeding the requirements of ASTM A 536, grade 65-45-12.

END RINGS
4 – 12 inch End Rings are segmented and joined with an integrated hinge. 2 and 3 inch use a type 316 stainless steel pin. The gap is spanned by the armor.

CENTER RING
Cast with integral handle for ease of assembly.

ARMOR
Heavy gauge 304 stainless steel.

GASKETS
Made from virgin Ethylene Propylene Diene Monomer Rubber (EPDM) compounded for water and sewer service in accordance with ASTM D2000, NSF 61 Certified. NBR - NSF 61 gaskets available upon request.

BOLTS AND NUTS
Type 304 stainless steel. 2 and 3 inch are 1/2-13 UNC, 4 – 12 inch are 5/8-11 UNC. All are carriage head bolts with heavy hex nuts. Fasteners provided with anti-galling protection. 316 stainless available on request.

COATINGS
Center Ring is Romacote fusion bonded epoxy, NSF 61 Certified. Center Ring can be coated to AWWA C213 upon request. End Rings are E-Coated epoxy.

02/06/2019
Document # 20-1-0048

PRESSURE

When properly installed on a pipe that is within the outside diameter range of the Romac MACRO HP coupling, the 2 – 8 inch can be used at working pressures up to 305 psi and the 10" and 12" up to 260 psi. The LR (Low-Range) Macro can be use up to 200 psi working pressure 4"-12". The Macro can be tested up to 1.5 times working pressure.

SIZES & RANGES

See Catalog.

This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

ROMAC INDUSTRIES, INC.
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ROMAC
INDUSTRIES,
INC.

21919 20th Avenue SE • Suite 100
Bothell, WA 98021

11/1/2019

Subject: American Iron and Steel (AIS) Certification for Romac Industries
Romac Quotation Number: YR191101-3

To Whom It May Concern,

I, Matthew Larkin, certify that the melting, bending, coating, assembling, and cutting processes, etc. for manufacturing the following products and/or materials shipped or provided for the subject project is in full compliance with the American Iron and Steel requirement as mandated in EPA's State Revolving Fund Programs.

Items, Products and/or Materials:

- Romac Style Macro Coupling - AIS requirement must be specified at time of order
- Romac Style SCS Repair Clamp
- Romac Style SS Repair Clamp
- Romac Style 202 Service Saddle

Such processes took place at the following locations:

- Sultan, Washington
- Bothell, Washington

If any of the above compliance statements change while providing material to this project we will immediately notify the prime contractor and the engineer.

If there are further questions on this topic, please contact Romac Industries.

Sincerely,

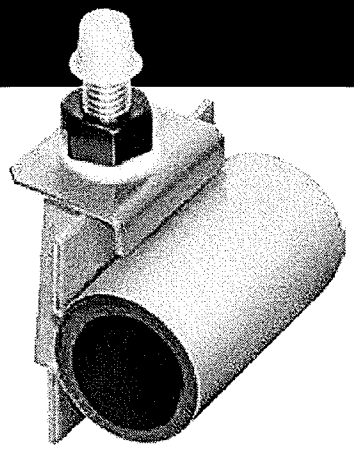
Matthew P. Larkin

Matt Larkin
Business Development Manager
Romac Industries, Inc.

Group #3

SCS REPAIR CLAMP

SUBMITTAL INFORMATION



MATERIALS

SHELL
304 Stainless Steel 24 and 26 gauge depending on size.

SIDEBARS
Heavy gauge 304 Stainless Steel, GTAW welded to form permanent fusion with shell.

LUGS
304 Stainless Steel, fused to sidebars by GMAW welding.

BOLTS
304 Stainless Steel, 1/2" UNC rolled. Bolts are GMAW welded to sidebar.

NUTS
Heavy hex, 304 Stainless Steel, 1/2" UNC rolled. Nuts coated to prevent galling.

WASHERS
1/2" plastic washer prevents galling between nut and stainless steel lifter bar.

ARMORS
Double,304 Stainless Steel, 18 gauge bonded to gasket. Armors bridge the gap at lug area.

LIFTER BARS
304 Stainless Steel, lip curved to hold position while tightening. Heavy gauge bearing surface for nuts.

GASKETS
Virgin NBR rubber compounded for water and sewer service in accordance with ASTM D 2000.

WELDS

GMAW and GTAW welds. 308L Stainless Steel filler wire used as appropriate. All welds fully passivated for enhanced corrosion resistance.

STANDARD

Complies with ANSI/AWWA Standard C230 Stainless-Steel Full-encirclement Repair and Service Connection Clamps 2" – 12". Also complies with NSF 61 and NSF 372.

SIZES & RANGES

See catalog.

Document # 10-8-0027 1/17

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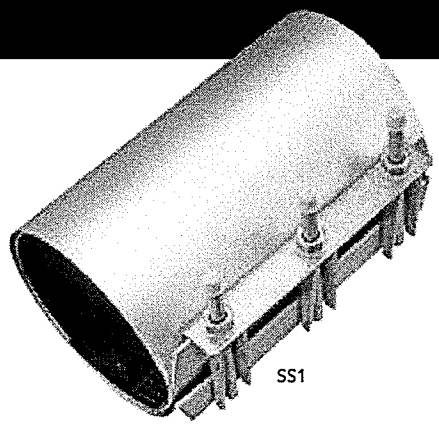
Group # 3

SS1, SS2, & SS3 STAINLESS-SEAL PIPE REPAIR CLAMP

SUBMITTAL INFORMATION



MATERIALS

SHELL
304 Stainless Steel 18 to 26 gauge depending on size.

SIDEBARS
Heavy gauge 304 Stainless Steel, GTAW welded to form permanent fusion with shell.

LUGS
304 Stainless Steel, fused to sidebars by GMAW welding.

BOLTS
304 Stainless Steel, 4 inch clamps and smaller use 1/2" UNC rolled thread, 6 inch clamps and larger use 5/8" UNC rolled thread. Bolts are GMAW welded to sidebar.

NUTS
Heavy hex, 304 Stainless Steel, 4 inch clamps and smaller uses 1/2" UNC threads, 6 inch clamps and larger uses 5/8" UNC threads. Nuts coated to prevent galling.

WASHERS
5/8" 304 Stainless Steel flat washers. SS1's 13.55 and larger, SS2's 13.50 and larger and all SS3's receive Stainless Steel flat washer. 1/2" or 5/8" Plastic washer prevents galling between nut or stainless steel washer and lifter bar, on all sizes.

ARMORS
Heavy gauge 304 Stainless Steel, bonded to gasket to bridge gap at lug area.

LIFTER BARS
304 Stainless Steel, lip curved to hold position while tightening. Heavy gauge serves as bearing surface for nuts.

GASKETS
Virgin SBR rubber compounded for water and sewer service in accordance with ASTM D 2000 MAA 610. Other compounds available for petroleum or high temperature service, or other special applications.

WELDS

GMAW & GTAW
308L Stainless Steel filler wire used as appropriate. All welds fully passivated for enhanced corrosion resistance.

STANDARD
Complies with ANSI/AWWA Standard C230 Stainless-Steel Full-encirclement Repair and Service Connection Clamps 2" – 12".

SIZES & RANGES

See catalog.

Document # 10-8-0014 1/17

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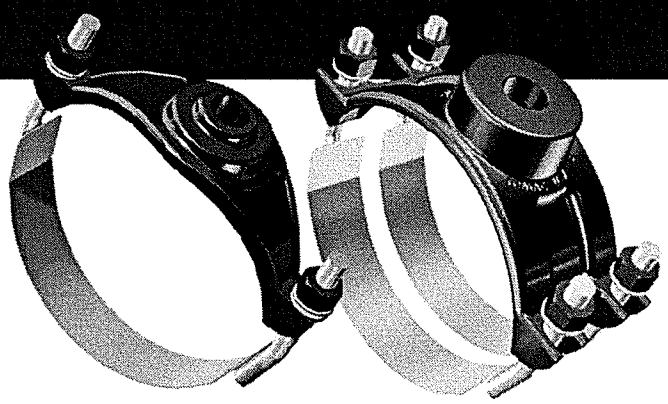
Group # 4

101S & 202S
SERVICE SADDLES

SUBMITTAL INFORMATION



101S 202S

MATERIALS

CASTING
The saddle body is cast from ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.

GASKET
Gasket is made from Nitrile Butadiene Rubber (NBR) compounded for water and sewer service and a tolerance of petroleum products in accordance with ASTM D 2000 MBC 610 and NSF 61 Certified. Other compounds available for special applications.

STRAPS
Type 304 (18-8) heavy gauge Stainless Steel per ASTM A 240. Straps are two inches wide to spread out clamping forces on the pipe. GMAW and GTAW welds. Passivated for corrosion resistance.

BOLTS, NUTS
For sizes 1-1/2" through 3", 1/2" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. 4" and above use 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. Rod for bolts are per ASTM A 240 and nuts are per ASTM A 194. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

WASHERS
Flat, type 304 (18-8) heavy gauge Stainless Steel.

COATINGS
Shop coat applied to cast parts for corrosion protection in transit.

PRESSURE

Ductile iron, cast iron and steel pipe: rating of pipe up to 350 psi maximum, on pipe sizes up through 24 inch, larger than 24 inch up to 30 inch pressure rating is 150 psi. PVC, asbestos cement and other pipe: up to the maximum rating of the pipe. For other applications please consult your representative.

STANDARD

Contact Romac Engineering for ANSI/AWWA C800 Spec and Approval Chart.

SIZES & RANGES

See catalog, sizes up through 32.10.

11/29/2018
Document # 25-8-0002

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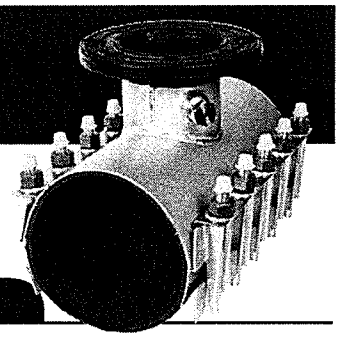
Group 4

SST™
STAINLESS STEEL TAPPING SLEEVE



SUBMITTAL INFORMATION

INTENDED USE

The Romac Style SST is recommended for tapping Plastic, Cast Iron, Ductile Iron, Steel, Asbestos Cement and other pipe materials.

STANDARD

The Romac Style SST style tapping sleeves meet all requirements set forth in the MSS SP-124 and AWWA C223.

MATERIALS

FLANGE
Ductile (nodular) iron meets or exceeds ASTM A536, Grade 65-45-12. 304 Stainless Steel optional. ANSI class 125 and 150 drillings and recessed to accept tapping valves.

STAINLESS STEEL
Meets or exceeds ASTM A 240 type 304 UNS designated S30400.

OUTLET
304L Stainless Steel, heavy gauge. Fused to shell by GMAW weld on the outside and GTAW weld on the inside.

SHELL
Stainless Steel, heavy gauge. Top half is 304L. Back half is 304.

SIDEBARS & LUGS
304 Stainless Steel, heavy gauge. Sidebars GTAW welded to form permanent fusion with shell. Lugs GMAW welded to Sidebars.

TEST PORT & TEST PLUG
304 Stainless Steel. Test port is ¾ inch FNPT. Test Plug is ¾" MNPT Hex Head Plug. Plug threads are coated to prevent galling.

BOLTS
304 Stainless Steel. 4.60 to 6.60 inch sleeves use ½" UNC rolled thread, 6" – 12" sleeves use 5/8" UNCE rolled thread. Bolts are GMAW welded to Sidebars.

NUTS
304 Stainless Steel, heavy hex. 4 inch nominal size sleeves use ½" UNC threads, 6 inch nominal size and larger sleeves use 5/8" UNC threads. Nuts coated to prevent galling.

WASHERS
304 Stainless Steel and Plastic Flat Washers. 4 inch nominal size sleeves use 1/2", 6 inch nominal and larger use 5/8" washers. Plastic washer prevents galling between nut or stainless steel Washer and Lifter Bar on all sizes.

ARMORS
304 Stainless Steel, heavy gauge.

LIFTER BARS
304 Stainless Steel. Lip curved to hold position while tightening. Heavy gauge serves as bearing surface for nuts.

GASKETS
Virgin Styrene Butadiene Rubber (SBR) compounded for water and sewer service in accordance with ASTM D 2000. Specially designed grid pattern and tapered ends to assure seal around full circumference of pipe. Reinforced ring at outlet provides hydrodynamic seal. Other compounds available for petroleum, chemical or high temperature service. **Romac can provide a NSF certified gasket on request.**

WELDS

GMAW and GTAW weld processes. 308L Stainless Steel filler wire used as appropriate. Flange weld is GMAW type proprietary process. All welds passivated for enhanced corrosion resistance.

PRESSURE

When properly installed, the Romac Style SST Tapping Sleeve can work at the pressure ratings shown here.

PIPE SIZE	WORKING PRESSURE	TEST PRESSURE
4"- 8"	250 psi	312 psi
10" - 24"	200 psi	300 psi

SIZES & RANGES

SEE CATALOG.

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Document # 15-8-0004 10/01/2019

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Group #14

5 1/4" Shaft 2-Piece Valve Boxes

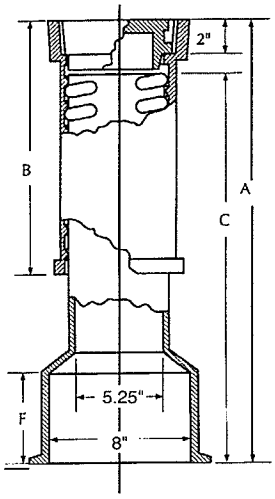


Fig. No. 4905

Fig. No. 4905

2-Piece Screw Type Adjustable Valve Box

- Designed to cover the stuffing box only on valves up to 10" in size.
- Square screw type top available 15" and 26 1/2" length.
- Locking covers available.

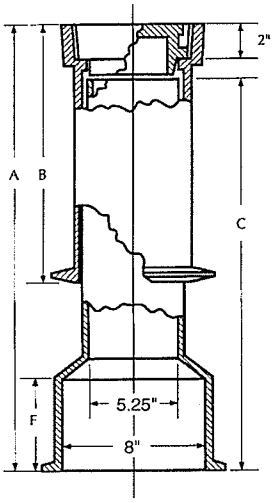


Fig. No. 4908

Fig. No. 4908

2-Piece Sliding Type Adjustable Valve Box

- This box is the same as the one at left, except it is sliding type.
- Some feel the sliding feature helps prevent impact to valve from surface.
- Flange at bottom of top section can be any distance from top or omitted.
- Locking covers available.

Cover Marked GAS or WATER or Special Lettering at Extra Cost. Cover weight - 13 lbs.

Size No.	Extension Range - A	Top Section & Cover No.	Dim. B	Wt.	Bottom Section No.	Dim. C	Wt.	Height Bell-F	Wt.
18	18-24	54	10.5	35.0	61	14.5	23.0	6.5	58.0
20	27-36	55	15.5	42.0	62	24.0	31.5	6.5	73.5
21	39-48	55	15.5	42.0	64	36.0	46.0	8.5	88.0
22	39-60	56	26.0	70.0	64	36.0	46.0	8.5	104.0

Longer Boxes made by adding Extensions to Size No. 22.

Size No.	Extension Range - A	Top Section & Cover No.	Dim. B	Wt.	Bottom Section No.	Dim. C	Wt.	Height Bell-F	Wt.
5461-S	18-24	54-S	10.5	35.0	61-S	15.0	24.0	6.5	59.0
5561-S	23-29	55-S	15.5	42.0	61-S	15.0	24.0	6.5	65.1
5562-S	27-36	55-S	15.5	42.0	62-S	24.5	33.0	6.5	75.0
5564-S	39-48	55-S	15.5	42.0	64-S	36.0	46.0	8.5	88.0
5662-S	38-48	56-S	26.5	57.0	62-S	24.5	33.0	6.5	90.0
5664-S	39-60	56-S	26.5	57.0	64-S	36.0	46.0	8.5	103.0

Longer Boxes made by adding Extensions to Size No. 5664-S.

See Table on page 9 for proper length of box for various valves.

Extensions

Fig. No. 4905-X

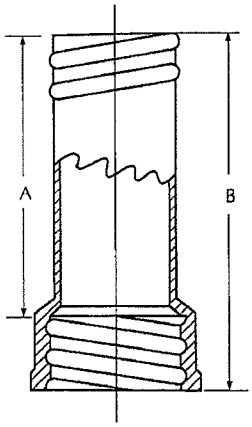


Fig. No. 4905-X

Screw Extension

Size No.	Increases Length A	Overall Length B	Wt.
57	9.0	13.0	20.0
58	14.0	18.0	23.0
59	20.0	24.0	31.5
60	24.0	30.0	36.5
61	30.0	36.0	46.0

Fig. No. 4908-X

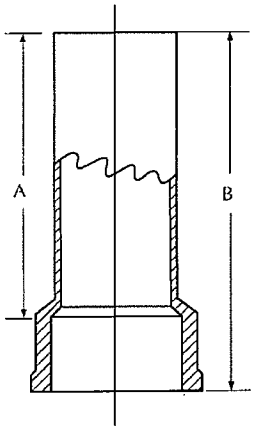


Fig. No. 4908-X

Sliding Extension

Size No.	Increases Length A	Overall Length B	Wt.
63-E	9.0	13.0	20.0
64-E	14.0	18.0	23.0
65-E	20.0	24.0	31.5
66-E	24.0	30.0	36.5
67-E	30.0	36.0	46.0

Group #14

Paving Adapters (Risers) for 5 1/4" Shaft Boxes

Fig. No. 6016-B

Standard Adapters

- For use in raising our 5 1/4" shaft Buffalo type valve boxes.
- Cover — 13 lbs.
- **Note**: 1, 1/2" and 2" adapters available with flange.

Figure No.	Size	Weight
6016-B	1"	6.0
6016-B	1 1/2"	10.0
6016-B	2"	11.5
6016-B	2 1/2"	14.0
6016-B	3"	16.0
6016-B	4"	21.0

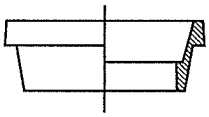


Fig. No. 6016-B
1" Adapter

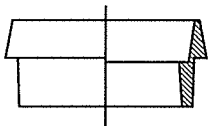


Fig. No. 6016-B
1 1/2" Adapter

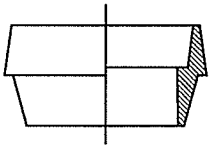


Fig. No. 6016-B
2" Adapter

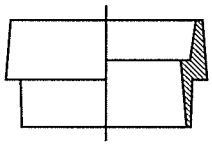


Fig. No. 6016-B
2 1/2" Adapter

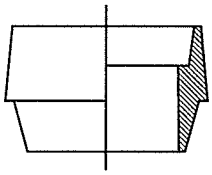


Fig. No. 6016-B
3" Adapter

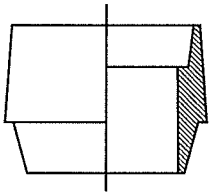


Fig. No. 6016-B
4" Adapter

When Ordering Specify Fig. No. — Type — Raise Desired

Fig. No. 6010

Q-Top Adapter

- This adapter can raise any height from 0"-10".
- Requires special lid.
- Weight — 18 lbs.
- Cover — 9 lbs.

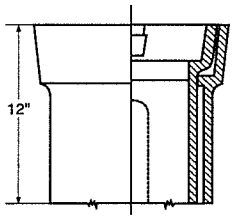


Fig. No. 6010

Fig. No. 6017

P.I. Adapter

- For use with 6" cast iron or plastic pipe to make up a valve box. Uses standard 5 1/4" valve box cover.
- Weight — 17 lbs.

NOT FOR SCHEDULE 40

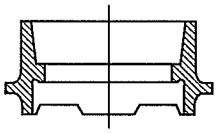


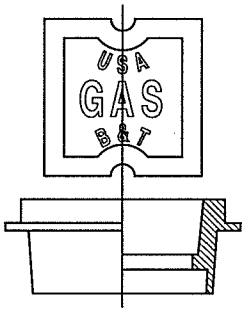
Fig. No. 6017

Fig. No. 6016-SQ

Square Adapters

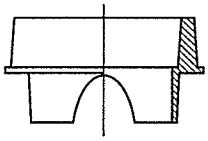
- For use in raising our 5 1/4" square valve boxes.

Figure No.	Size	Weight
6016-SQ	1"	10
6016-SQ	2 1/4"	14



(Requires special lid.)

Fig. No. 6016-SQ
1" Square Adapter



(Uses original lid.)

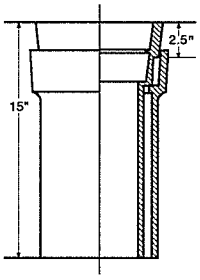
Fig. No. 6016-SQ
2 1/4" Square Adapter

Fig. No. 6020, 6030

Rite Hite Adapter

- When repaving, this adapter can be used when existing valve box is set too high or too low.
- Adjustable from 2 1/2" to 12". Uses existing box cover.

Figure No.	Length	Weight
6020 SlidingType	10.5"	15
6020 Sliding Type	15"	22
6030 Screw Type	15"	26



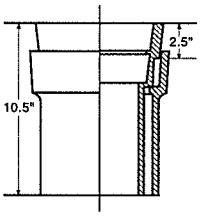


Fig. No. 6020
Sliding Type 15" or 10.5"

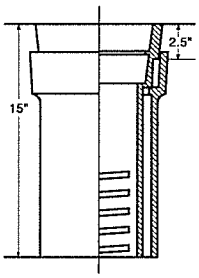


Fig. No. 6030
Screw Type 15"

Fig. No. 2194

Top Hat Adapter

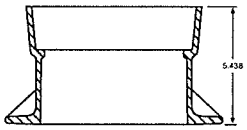


Fig. No. 2194

Group #18

Eclipse Boxes

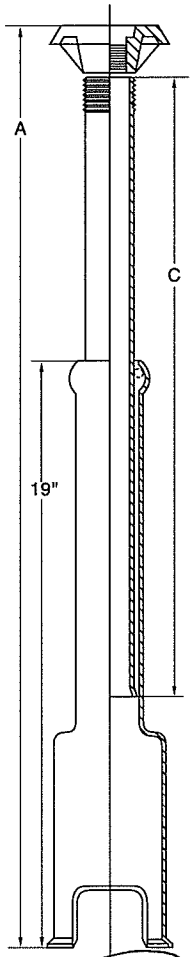


Fig. No. E-100 & E-125

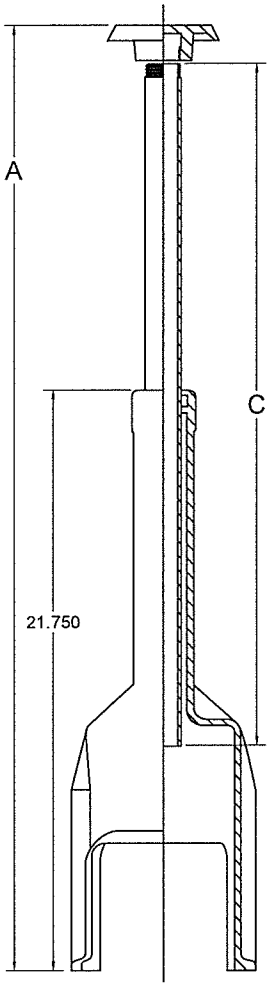


Fig. No. E-100EB & E-125EB

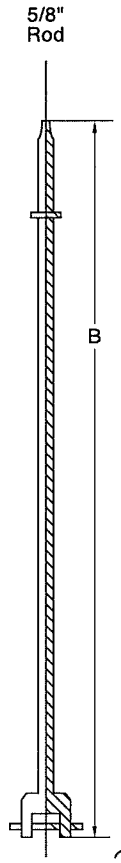


Fig. No. 4901-R

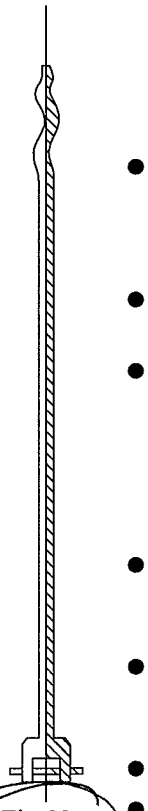


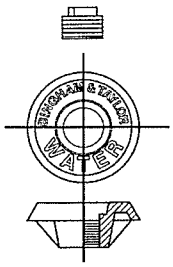
Fig. No. 4901-RS

Fig. No. E-100 & E-125

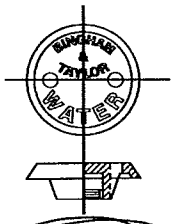
Eclipse Boxes Complete

- Lids are cast iron in two separate designs: Type A — cast iron with water works head and pentagon brass plug. Cast iron plug style lid available in rope thread. Type B — cast iron with two 1/2" holes for operating with a straddle wrench. Has brass bushing with standard pipe thread to attach to pipe section.
- Steel pipe shaft available in 1" or 1 1/4" is adjustable up and down and held in place by a brass ring. Type A available in 1" and 1 1/4" pipe size. Type B available in 1" pipe size only.
- Bottom is cast iron. It is belled and arched to fit curb stops.
- The permanent steel rod is forged at the top end to receive a short cut-off wrench. The rod is welded to the cut-off key at the bottom. A connecting pin is provided to attach the key to the valve tee. Two rods available: straight rod with centering ring (4901-R) or curved rod (4901-RS).
- Complete curb box consists of lid (Type A or Type B), top pipe, cast iron bottom (standard or with enlarged base), and rod assembly (rod, ring and pin).
- No. 4980EC enlarged base is used with complete eclipse box for curb stops up to 2". Increased box length 6 inches.
- All eclipse boxes have 12" range of extension.
- 5/8" Steel rod. 1" and 1 1/4" steel pipe.
- 1/2" Stainless steel rods available.

When Ordering Specify: Fig. No. — Size No. — Cover Marked GAS or WATER or Special Lettering at Extra Cost.



Type A



Type B

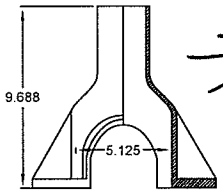


Fig. No. 4980EC

Fig. No. E-100 Type A-1 and B-1

Size Dim. A	Rod Dim. B	Pipe Dim. C	Weight
1.5-2.5	16.75	11	15.0
2.0-3.0	21.00	17	16.0
2.5-3.5	27.00	23	16.5
3.0-4.0	33.00	29	17.0
3.5-4.5	39.00	35	18.0
4.0-5.0	45.00	41	19.0
4.5-5.5	51.00	47	20.0
5.0-6.0	57.00	53	21.0
5.5-6.5	63.00	59	22.0
6.0-7.0	69.00	65	23.0
6.5-7.5	75.00	71	24.0
7.0-8.0	81.00	77	25.0

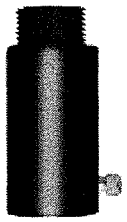
Fig. No. E-125 Type A-1 1/4" Only

Size Dim. A	Rod Dim. B	Pipe Dim. C	Weight
1.5-2.5	16.75	13	15.0
2.0-3.0	21.00	19	16.0
2.5-3.5	27.00	25	16.5
3.0-4.0	33.00	33	17.0
3.5-4.5	39.00	37	18.0
4.0-5.0	45.00	43	19.0
4.5-5.5	51.00	49	20.0
5.0-6.0	57.00	55	21.0
5.5-6.5	63.00	61	22.0
6.0-7.0	69.00	67	23.0
6.5-7.5	75.00	73	24.0
7.0-8.0	81.00	79	25.0

Group #18

WATERWORKS TOOL COMPANY

Service Box Extensions for 1" Service Boxes (Erie Style) with se screws



About the product

These extensions are for 1" rod style service boxes, typically boxes made from 1" pipe with a 2-hole or plug style cover.Our extensions are made from 1-1/4" Schedule 40 PIPE, and a 1"threaded nipple welded to the 1-1/4"pipe. 3" - 6" - 9" - 12" - 18" & 24" lenghts. We offer them with one two or three set screw. Set screws are 5/16 - 18 x 1/2" Square Head, hardened cup point. 1-1/4" SB Extensions are also available,and are standard with 2 set screws. # 15019 thru 15024. Other sizes are available upon request. MADE IN THE USA

Product info

Product Number	Description	Weight
15001	1" X 3" Service Box Ext. w/1 Set Screw wgt .55 lbs	lbs
15002	1" X 6" Service Box Ext. w/1 Set Screw wgt 1.10 lbs	lbs
15003	1" X 9" Service Box Ext. w/1 Set Screw wgt 1.65 lbs	lbs
15004	1" X 12" Service Box Ext. w/1 Set Screw wgt 2.20 lbs	lbs
15005	1" X 18" Service Box Ext. w/1 Set Screw wgt 3.30 lbs	lbs
15006	1" X 24" Service Box Ext. w/1 Set Screw wgt 4.40 lbs	lbs
15007	1" X 3" Service Box Ext. w/2 Set Screws wgt .55 lbs	lbs
15008	1" X 6" Service Box Ext. w/2 Set Screws wgt 1.10 lbs	lbs
15009	1" X 9" Service Box Ext. w/2 Set Screws wgt 1.65 lbs	lbs
15010	14.181" X 12" Service Box Ext. w/2 Set Screws wgt 2.20 lbs	lbs
15011	1" X 18" Service Box Ext. w/2 Set Screws wgt 3.30 lbs	lbs
15012	1" X 24" Service Box Ext. w/2 Set Screws wgt 4.40 lbs	lbs
15013	1" X 3" Service Box Ext. w/3 Set Screws wgt .55 lbs	lbs
15014	1" X 6" Service Box Ext. w/3 Set Screws wgt 1.10 lbs	lbs
15015	1" X 9" Service Box Ext. w/3 Set Screws wgt 1.65 lbs	lbs
15016	1" X 12" Service Box Ext. w/3 Set Screws wgt 2.20 lbs	lbs
15017	1" X 18" Service Box Ext. w/3 Set Screws wgt 3.30 lbs	lbs
15018	1" X 24" Service Box Ext. w/3 Set Screws wgt 4.40 lbs	lbs

Made with pride in the USA!

Additional Photos

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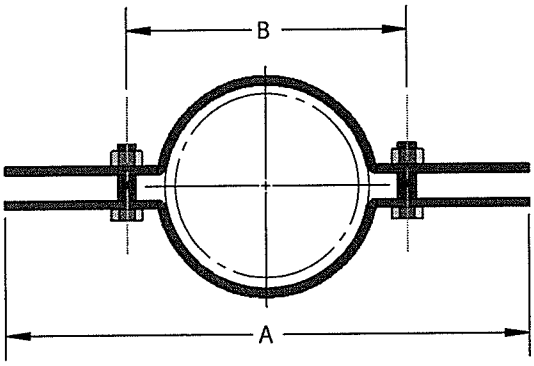
EMPIRE INDUSTRIES, INC.

800 243 4844
orders@empireindustries.com

Group # 30

FIG. 50

standard riser clamp



Materials/Finishes	Plain Carbon Steel (50B) ☐ Electro-Galvanized (50G) ☐
	Hot-Dip Galvanized (50HDG) ☐ Plastic Coated (50PC) ☐
	T-304 Stainless (50SS) ☐ T-316 Stainless (50SX) ☐
Variants:	Pipe Gard (50PG) - Please contact factory for details.
	T-304 Stainless for DIP sizes (50DIPSS) ☐
	T-316 Stainless for DIP sizes (50DIPSX) ☐
Service:	Designed for supporting and stabilizing vertical pipe runs.
Approvals: AIS	U.L. - U.L.C. listed (sizes 2" - 8"). Complies with Federal Specification WW-H-171-E (Type# 8), A-A-1192 A (Type# 8) and Manufacturers' Standardization Society MSS SP-58 and SP-69 (Type# 8).
Ordering:	Specify figure number, finish and pipe size.
Notes:	**Available in steel (50) and Ductile Iron Pipe (50DIP) Sizes.** Plastic coated riser clamps are completely plastic coated with zinc plated hardware. The plastic coating prevents pipe from coming in contact with the clamp and is designed to reduce noise, vibration and prevent electrolysis between pipe and clamp. Stainless steel riser clamps are recommended for applications where protection from a corrosive environment is required.

Domestically Manufactured

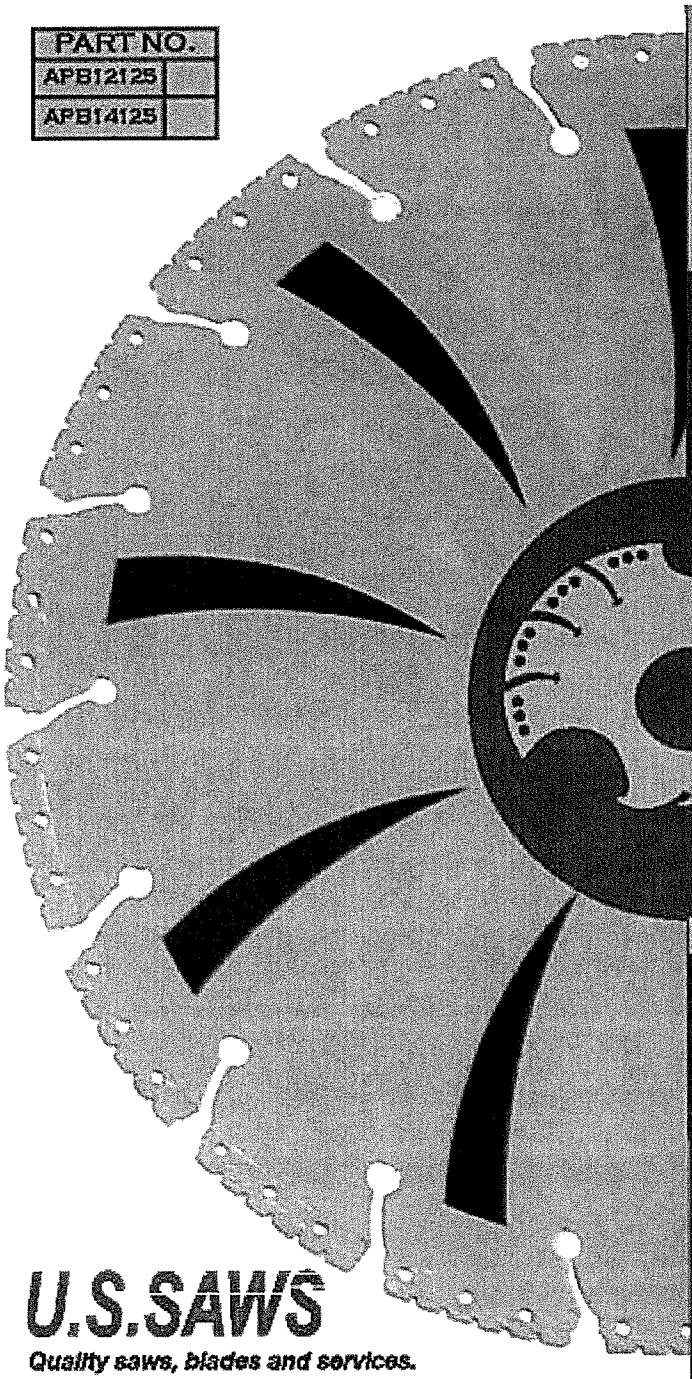
c UL us LISTED

PIPE SIZE (IPS)	PIPE OD	BOLT	A	B	WGT EACH (LBS)	MAX REC LOAD (LBS)
1/2	0.840	3/8	8-5/8	2-1/8	0.88	255
3/4	1.050	3/8	8-13/16	2-5/16	0.92	255
1	1.315	3/8	9-1/16	2-5/8	0.94	255
1-1/4	1.660	3/8	9-7/16	2-15/16	1.00	255
1-1/2	1.900	3/8	10	3-7/16	1.04	255
2	2.375	3/8	10-9/16	4	1.14	300
2-1/2	2.875	3/8	11-1/8	4-9/16	1.60	400
3	3.500	3/8	11-13/16	5-1/4	1.70	530
3-1/2	4.000	1/2	12-3/4	5-3/4	2.06	670
4	4.500	1/2	13-5/8	6-5/8	2.20	810
5	5.563	1/2	14-1/8	7-5/8	3.40	1500
6	6.625	1/2	15-3/8	8-7/8	3.72	1600
8	8.625	5/8	18-5/8	12	7.22	2500
10	10.750	5/8	21-1/4	14-3/4	10.94	2500
12	12.750	5/8	22-3/4	16-3/4	16.10	2700
14	14.000	5/8	24	17-7/8	17.00	2700
16	16.000	3/4	26	21	29.16	2900
18	18.000	3/4	28	23-1/8	31.91	2900
20	20.000	3/4	30	25	35.00	2900
24	24.000	7/8	36	29-1/4	42.00	2900
30	30.000	7/8	42	35-1/4	60.00	3200

PROJECT INFORMATION	APPROVAL STAMP
Project:	Notes:
Address:	
Contractor:	
Engineer:	
Date:	
Approved ☐ Approved as Noted ☐ Not Approved ☐	

Group #6

PART NO.	
APB12125	
APB14125	



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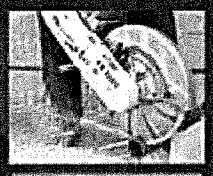
SUPER GRIT DIAMOND BLADE

WITH AIR COOLED LASER WELDED SEGMENTS

PLASTIC

DUCTILE IRON



METAL

TIGER TOOTH™

This Blade Cuts Everything...

A PREMIUM DIAMOND BLADE

FOR USE ON HAND-HELD AND CHOP SAWS

12"

14"

ALSO CUTS

STEEL	RE-BAR
DUCTILE IRON	ANGLE IRON
CAST IRON	HDPE
RCP	WOOD

U.S.SAWS

Quality saws, blades and services.

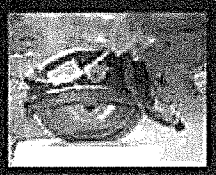
Group #6

PART NO.
GPS12125
GPS14125

General Purpose Blade

Cuts Wet or Dry

Asphalt



Concrete

Block

The GENERAL

High Performance Diamond Blade

For Hand-Held Saws, Chop Saws, or Low Horsepower Walk Behind Saws

12"

14"

Also Cuts

Concrete	Asphalt
-Green	Brick
-Cured	Block
-Pipe	Roof Tile

U.S. SAWS

Quality saws, blades and services.

core & main

Albany Water Department 2019 Bid Sheet

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
	Albany Water Department; Section 1: T&D Bid Items							
	Group # 1, Wide Range Duticle Iron Pipe Couplings up to 12" (groups must be won entirely)							
1	3" Wide Range DI Pipe Coupling (3.46"-4.33") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 115.94	$ 579.70
2	4" Wide Range DI Pipe Coupling (4.25"-5.63") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac Macro	$ 142.85	$ 714.25
3	6" Wide Range DI Pipe Coupling (6.42"-7.68") or wider range	120	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac Macro	$ 188.52	$ 22,622.40
4	8" Wide Range DI Pipe Coupling (8.54"-9.84") or wider range	15	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac Macro	$ 213.49	$ 3,202.35
5	10" Wide Range DI Pipe Coupling (10.70"-12.00") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac Macro	$ 276.15	$ 828.45
6	10" Wide Range DI Pipe Coupling (10.96-12.26") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac Macro	$ 325.00	$ 975.00
7	12" Wide Range DI Pipe Coupling (12.40"-13.66") or wider range	15	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 347.71	$ 5,215.65
8	12" Wide Range DI Pipe Coupling (13.15"-14.41") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 411.52	$ 2,057.60
9	Wide Range DI Pipe Reducer (4"-3")	5	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 184.52	$ 922.60
10	Wide Range DI Pipe Reducer (6"-4")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 260.66	$ 2,085.28
11	Wide Range DI Pipe Reducer (8"-6")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 301.51	$ 2,412.08
							Price Total for Group # 1:	$ 41,615.36
	Group # 2, Wide Range Duticle Iron Pipe Couplings over 12" (groups must be won entirely)							
	MUST BE AWWA C219, NSF61, NSF372							
12	16" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 924.95	$ 1,849.90
13	20" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 1,166.90	$ 2,333.80
14	24" Wide Range DI Pipe Coupling (24.60"-26.70")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 1,242.86	$ 2,485.72
15	30" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 2,373.78	$ 4,747.56
16	36" Wide Range DI Pipe Coupling (37.90"-40.00")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 2,482.10	$ 4,964.20
17	42" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 2,990.16	$ 5,980.32
18	48" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax	$ 8,349.88	$ 16,699.76
							Price Total for Group # 2:	$ 39,061.26
	Group # 3, Stainless Steel Repair Clamps (Groups Must Be Won Entirely)					***Pricing Based on Current AIS SS waiver**		
19	1/2" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SCS-084x6	$ 34.25	$ 68.50
20	3/4" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SCS-105x6	$ 35.27	$ 70.54
21	1" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SCS-132x6	$ 35.36	$ 70.72
22	1.5" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SCS-190x6	$ 36.87	$ 73.74
23	2" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-2.63x8	$ 42.51	$ 85.02

24	2" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-2.63x12	$ 70.73	$ 141.46
25	2.25"-2.5" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-3.00x8	$ 42.16	$ 84.32
26	2.25"-2.5" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-3.00x16	$ 78.42	$ 156.84
27	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-3.7x8	$ 44.26	$ 88.52
28	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-4.25x8	$ 49.93	$ 99.86
29	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-3.7x16	$ 84.81	$ 169.62
30	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-4.25x16	$ 84.21	$ 168.42
31	4" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-5.14x8	$ 52.32	$ 104.64
32	4" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-5.14x12	$ 83.10	$ 166.20
33	4" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-5.14x16	$ 92.40	$ 184.80
34	4" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-5.14x20	$ 139.38	$ 278.76
35	6" x 7.5" Stainless Steel Repair Clamp	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-7.24x8	$ 62.60	$ 3,130.00
36	6" x 12.5" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-7.24x12	$ 99.96	$ 1,999.20
37	6" x 15" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-7.24x16	$ 110.84	$ 2,216.80
38	6" x 20" Stainless Steel Repair Clamp	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-7.24x20	$ 166.30	$ 498.90
39	6" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-7.24x30	$ 268.17	$ 536.34
40	8" x 7.5" Stainless Steel Repair Clamp	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-9.4x8	$ 73.36	$ 1,100.40
41	8" x 12.5" Stainless Steel Repair Clamp	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-9.4x12	$ 117.73	$ 941.84
42	8" x 15" Stainless Steel Repair Clamp	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-9.4x16	$ 134.53	$ 538.12
43	8" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-9.4x20	$ 190.59	$ 381.18
44	8" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-9.4x30	$ 312.83	$ 625.66
45	10" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-11.44x8	$ 97.23	$ 194.46
46	10" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-11.44x16	$ 176.22	$ 352.44
47	10" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-11.44x20	$ 235.30	$ 470.60
48	10" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-11.44x30	$ 397.94	$ 795.88
49	12" x 7.5" Stainless Steel Repair Clamp	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-13.55x8	$ 110.98	$ 665.88
50	12" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-13.55x16	$ 201.07	$ 402.14
51	12" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-13.55x16	$ 279.12	$ 558.24
52	12" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS1-13.55x20	$ 470.64	$ 941.28
53	16" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-18.3x16	$ 297.80	$ 595.60

54	16" x 24" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-18.3x24	$ 711.50	$ 1,423.00
55	16" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-18.3x30	$ 1,046.40	$ 2,092.80
56	20" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-22.8x20	$ 785.04	$ 1,570.08
57	20" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-22.8x30	$ 120.28	$ 240.56
58	24" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-27.00x20	$ 1,256.16	$ 2,512.32
59	24" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac SS3-27.00x30	$ 1,634.97	$ 3,269.94
							Price Total for Group # 3:	$ 30,065.62

Group # 4, Service Saddles & Tapping Sleeves ***Pricing Based on Current AIS SS waiver**

60	4" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-5.40x3/4CC	$ 34.96	$ 139.84
61	4" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-5.40x1CC	$ 34.96	$ 69.92
62	4" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-5.40x1-1/2CC	$ 39.66	$ 79.32
63	4" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-5.40x2CC	$ 39.66	$ 79.32
64	6" Service Saddle with 3/4" Tap	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-7.60x3/4CC	$ 38.99	$ 1,169.70
65	6" Service Saddle with 1" Tap	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-7.60x1CC	$ 38.99	$ 194.95
66	6" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-7.60x1-1/2CC	$ 43.94	$ 87.88
67	6" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-7.60x2CC	$ 43.94	$ 87.88
68	8" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-9.05x3/4CC	$ 47.30	$ 189.20
69	8" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-9.05x1CC	$ 47.30	$ 94.60
70	8" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-9.05x1-1/2CC	$ 54.45	$ 108.90
71	8" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-9.05x2CC	$ 54.45	$ 108.90
72	10" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-12.12x3/4CC	$ 57.47	$ 114.94
73	10" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-12.12x1CC	$ 57.47	$ 114.94
74	10" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-12.12x1-1/2CC	$ 65.73	$ 131.46
75	10" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-12.12x2CC	$ 65.73	$ 131.46
76	12" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-14.38x3/4CC	$ 66.63	$ 266.52
77	12" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-14.38x1CC	$ 66.63	$ 133.26
78	12" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-14.38x1-1/2CC	$ 76.14	$ 152.28
79	12" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-14.38x2CC	$ 76.14	$ 152.28
80	16" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-18.90x3/4CC	$ 81.24	$ 162.48
81	16" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-18.90x1CC	$ 81.24	$ 162.48
82	16" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-18.90x1-1/2CC	$ 91.20	$ 182.40

83	16" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-18.90x2CC	$ 91.20	$ 182.40
84	20" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-22.70x3/4CC	$ 139.87	$ 279.74
85	20" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-22.70x1CC	$ 139.87	$ 279.74
86	20" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-22.70x1-1/2CC	$ 148.30	$ 296.60
87	20" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-22.70x2CC	$ 148.30	$ 296.60
88	24" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-27.30x3/4CC	$ 166.16	$ 332.32
89	24" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-27.30x1CC	$ 166.16	$ 332.32
90	24" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-27.30x1-1/2CC	$ 176.02	$ 352.04
91	24" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Romac 202S-27.30x2CC	$ 176.02	$ 352.04
92	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	SST-7.30x6	$ 406.89	$ 813.78
93	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	SST-13.56x6	$ 473.26	$ 946.52
94	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	SST-13.56x8	$ 554.51	$ 1,109.02
							Price Total for Group # 4:	$ 9,688.03

Group # 5, Ductile Iron Pipe; 4"-12" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

95	4" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	4" TJ, CL-52, DI Pipe	$ 433.20	$ 2,166.00
96	6" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	6" TJ, CL-52, DI Pipe	$ 323.40	$ 16,170.00
97	8" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	8" TJ, CL-52, DI Pipe	$ 469.60	$ 23,480.00
98	10" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	10" TJ, CL-52, DI Pipe	$ 623.40	$ 1,246.80
99	12" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	12" TJ, CL-52, DI Pipe	$ 776.60	$ 38,830.00
							Price Total for Group # 5:	$ 81,892.80

Group # 6, Ductile Iron Pipe; 16"-60" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

100	16" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	16" TJ, CL-52, DI Pipe	$ 1,131.00	$ 5,655.00
101	20" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	20" TJ, CL-52, DI Pipe	$ 1,466.20	$ 7,331.00
102	24"Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	24" TJ, CL-52, DI Pipe	$ 1,840.20	$ 9,201.00
103	30" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	30" TJ, CL-52, DI Pipe	$ 2,960.00	$ 5,920.00
104	36" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	36" TJ, CL-52, DI Pipe	$ 4,116.20	$ 8,232.40
105	42" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	42" TJ, CL-52, DI Pipe	$ 5,500.00	$ 11,000.00
106	48" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	48" TJ, CL-52, DI Pipe	$ 7,940.00	$ 15,880.00
							Price Total for Group # 6:	$ 63,219.40

Group # 7, Bell Joint Leak Clamps, 4"-12" (groups must be won entirely) *Foreign Quoted for Availability

107	Bell Joint Leak Clamps (4")	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-500	$ 112.61	$ 563.05
108	Bell Joint Leak Clamps (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-710	$ 83.08	$ 830.80
109	Bell Joint Leak Clamps (8")	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-930	$ 113.61	$ 340.83
110	Bell Joint Leak Clamps (10")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1140	$ 136.24	$ 272.48
111	Bell Joint Leak Clamps (12")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1350	$ 151.07	$ 302.14
							Price Total for Group # 8:	$ 2,309.30

Group # 8, Bell Joint Leak Clamps, 16"-60" (groups must be won entirely)

112	Bell Joint Leak Clamps (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 16"	$ 820.10	$ 1,640.20
113	Bell Joint Leak Clamps (20")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 20"	$ 871.18	$ 1,742.36
114	Bell Joint Leak Clamps (24")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 24"	$ 1,030.60	$ 2,061.20
115	Bell Joint Leak Clamps (36")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 36"	$ 1,256.85	$ 2,513.70
116	Bell Joint Leak Clamps (42")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 42"	$ 1,407.60	$ 2,815.20
117	Bell Joint Leak Clamps (48")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 48"	$ 1,658.40	$ 3,316.80
							Price Total for Group # 9:	$ 14,089.46

Group # 9, MJ Glands, & Gasket Kits, 4"-12" (groups must be won entirely)

118	4" MJ Gland	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 9.55	$ 57.30
119	6" MJ Gland	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 10.00	$ 300.00
120	6" Oversized MJ Gland	50	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 11.00	$ 550.00
121	8" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 12.00	$ 120.00
122	10" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 17.25	$ 69.00
123	12" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 18.25	$ 182.50
124	4" MJ Blue Bolt & Gasket Kit	15	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 14.78	$ 221.70
125	6" MJ Blue Bolt & Gasket Kit	150	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 20.70	$ 3,105.00
126	8" MJ Blue Bolt & Gasket Kit	20	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 22.05	$ 441.00
127	10" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 28.50	$ 171.00
128	12" MJ Blue Bolt & Gasket Kit	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 31.10	$ 933.00
							Price Total for Group # 10:	$ 6,150.50

Group # 10, MJ Glands, & Gasket Kits, 16"-48" (groups must be won entirely)

129	16" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 34.77	$ 139.08
130	20" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 59.35	$ 237.40

131	24" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 87.69	$ 350.76
132	30" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 217.33	$ 869.32
133	36" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 611.74	$ 2,446.96
134	42" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 776.94	$ 3,107.76
135	48" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 1,000.00	$ 4,000.00
136	16" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 50.71	$ 304.26
137	20" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 65.17	$ 391.02
138	24" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 70.56	$ 423.36
139	30" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 231.85	$ 1,391.10
140	36" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebba	$ 279.83	$ 1,678.98
141	42" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Birmingham Fastener	$ 572.92	$ 3,437.52
142	48" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Birmingham Fastener	$ 654.26	$ 3,925.56
							Price Total for Group # 11:	$ 22,703.08

Group # 11, Restraint Glands, 4"-12" (groups must be won entirely)

143	4" Restraint Glands	8	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 18.90	$ 151.20
144	6" Restraint Glands	100	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 22.17	$ 2,217.00
145	8" Restraint Glands	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 33.84	$ 338.40
146	10" Restraint Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 50.10	$ 200.40
147	12" Restraint Glands	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 72.80	$ 2,184.00
							Price Total for Group # 12:	$ 5,091.00

Group # 12, Restraint Glands, 16"-48" (groups must be won entirely)

148	16" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 128.50	$ 514.00
149	20" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 225.71	$ 902.84
150	24" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 313.44	$ 1,253.76
151	30" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 701.77	$ 1,403.54
152	36" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Star	$ 914.88	$ 1,829.76
153	42" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	EBBA	$ 1,515.38	$ 3,030.76
154	48" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	EBBA	$ 1,945.05	$ 3,890.10
							Price Total for Group # 13:	$ 12,824.76

Group # 13, Ductile Iron Pipe Tee's, Cross's, Bends & Reducers Mechanical Joint (groups must be won entirely)

MUST BE AWWA C153

155	DI Pipe 12X6X12X6 CROSS (12" straight through x 6" straight through)	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 391.66	$ 1,174.98

156	DI Pipe 12X8X12X8 CROSS (12" straight through x 8" straight through)	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 421.96	$ 843.92
157	DI Pipe 12X12X12 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 505.55	$ 1,516.65
158	DI Pipe 12X12X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 354.84	$ 709.68
159	DI Pipe 12X12X6 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 346.67	$ 1,040.01
160	DI Pipe 10X10X8 TEE	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 320.21	$ 320.21
161	DI Pipe 8X8X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 212.26	$ 424.52
162	DI Pipe 6X6X6X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 223.23	$ 446.46
163	DI Pipe 8X6X8X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 272.55	$ 545.10
164	DI Pipe 6X6X6 TEE	12	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 150.68	$ 1,808.16
165	DI Pipe 6X6X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 127.74	$ 255.48
166	DI Pipe 8X8X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 147.10	$ 294.20
167	DI Pipe 4X4X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 83.87	$ 167.74
168	DI Pipe 12X12 90 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 363.87	$ 1,091.61
169	DI Pipe 12X12 45 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 298.67	$ 896.01
170	DI Pipe 12X12 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 253.33	$ 506.66
171	DI Pipe 12X12 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 240.00	$ 480.00
172	DI Pipe 10X10 90 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 250.97	$ 250.97
173	DI Pipe 10X10 45 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 170.11	$ 170.11
174	DI Pipe 10X10 22.5 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 164.84	$ 164.84
175	DI Pipe 10X10 11.25 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 168.39	$ 168.39
176	DI Pipe 8X8 90 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 151.01	$ 604.04
177	DI Pipe 8X8 45 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 120.67	$ 482.68
178	DI Pipe 8X8 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 112.90	$ 225.80
179	DI Pipe 8X8 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 103.23	$ 206.46
180	DI Pipe 6X6 90 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 104.32	$ 625.92
181	DI Pipe 6X6 45 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 85.91	$ 515.46
182	DI Pipe 6X6 22.5 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 78.41	$ 235.23
183	DI Pipe 6X6 11.25 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 78.67	$ 236.01
184	DI Pipe 4X4 90 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 66.15	$ 132.30
185	DI Pipe 4X4 45 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 55.23	$ 110.46

186	DI Pipe 4X4 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 53.18	$ 106.36
187	DI Pipe 4X4 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 47.73	$ 95.46
188	DI Pipe 12X10 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 187.50	$ 375.00
189	DI Pipe 12X8 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 195.08	$ 390.16
190	DI Pipe 12X6 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 191.59	$ 383.18
191	DI Pipe 8x4 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	Star	$ 93.41	$ 186.82
							Price Total for Group # 14:	$ 18,187.04

Group # 14, Valve Boxes, Caps & Risers (groups must be won entirely)

192	Valve boxes, 3-piece, (top,bottom & cap); Screw Type, heavy-duty, AIS Certified, w/ drop in "Water" lid, 5-1/4" x 27" VB Top, 5-1/4" x 36" VB Bottom	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 149.50	$ 22,425.00
193	Valve Box Caps, (Caps only; same as caps included with item # 203	300	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 15.65	$ 4,695.00
194	5-1/4" x 1" VB drop in riser	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 11.55	$ 1,732.50
195	5-1/4" x 2" VB drop in reser	200	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 14.90	$ 2,980.00
196	5-1/4" x 4" VB drop in riser	40	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 28.15	$ 1,126.00
197	5-1/4" x 6" VB drop in riser	15	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 45.60	$ 684.00
198	5-1/4" x 12" VB drop in riser	10	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	Bingham and Taylor	$ 47.25	$ 472.50
							Price Total for Group # 15:	$ 34,115.00

Group # 15, Gate Valves (4"- 12") (groups must be won entirely)

MUST BE AWWA C515

199	4" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 492.63	$ 1,477.89
200	6" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	30	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 618.86	$ 18,565.80
201	8" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 990.83	$ 2,972.49
202	10" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	2	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 1,545.00	$ 3,090.00
203	12" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 1,955.00	$ 11,730.00
204	16" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Kennedy	$ 6,553.35	$ 39,320.10
							Price Total for Group # 16:	$ 77,156.28

Group # 16, Butterfly Valves (16"- 48") (groups must be won entirely)

MUST BE AWWA C504 MJ ENDS 150B

205	Valves; AIS Certified, Cast Iron, MJ, Open Right (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 3,548.92	$ 7,097.84

206	Valves; AIS Certified, Cast Iron, MJ, Open Right (20")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 4,262.20	$ 4,262.20
207	Valves; AIS Certified, Cast Iron, MJ, Open Right (24")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 6,835.25	$ 6,835.25
208	Valves; AIS Certified, Cast Iron, MJ, Open Right (32")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 17,604.17	$ 17,604.17
209	Valves; AIS Certified, Cast Iron, MJ, Open Right (36")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 19,270.63	$ 19,270.63
210	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (42")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 25,257.73	$ 25,257.73
211	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (48")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Henry Pratt Groundhog	$ 31,958.66	$ 31,958.66
							Price Total for Group # 17:	$ 112,286.48

Group # 17, Brass Service Fittings (groups must be won entirely)

MUST BE AWWA C800, NSF/ANSI 372

212	90°; 3/4" Fem. Copper x 3/4" CTS	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-33S-NL	$ 27.15	$ 2,715.00
213	Ball Valve; 3/4" CTS x 3/4" CTS	75	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-NL	$ 59.91	$ 4,493.25
214	3/4" CC Tap. Thread x 3/4" Flare Copper	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-3-NL	$ 27.47	$ 1,373.50
215	90°; RC 1; 5/8" Meter Nut x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L34-13-NL	$ 16.79	$ 671.60
216	90°; 3/4" Fem. Thread x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-33S-NL	$ 20.79	$ 831.60
217	5/8" XS LP OR 3/4" PEP x 3/4" CTS PC	35	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-23-NL	$ 19.70	$ 689.50
218	1/2" Female Wiped Lead x 3/4" Flare Copper	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-13-NL	$ 14.59	$ 437.70
219	1/2" XXS LP OR 5/8" S LP x 3/4" MIPT	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-23, Q38-13	$ 23.04	$ 691.20
220	3/4" CTS QJ x 3/4" QJ	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-33-Q-NL	$ 16.49	$ 329.80
221	5/8" XXS LP x 3/4" MIPT	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-33-NL, Q38-23-NL	$ 24.31	$ 364.65
222	Ball Valve; 3/4" CTS x 3/4" FIPT	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-333-Q-NL	$ 52.51	$ 630.12
223	5/8" Female Wiped Lead x 3/4" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-23-NL	$ 16.74	$ 200.88
224	1" CC Tap. Thread x 1" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-4-NL	$ 41.97	$ 503.64
225	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-SW	$ 70.95	$ 709.50
226	Curb Stop; 3/4" CTS x 3/4" CTS	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	BC44-333-SW-NL	$ 70.95	$ 709.50
227	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-6-NL	$ 127.37	$ 1,273.70
228	2" CC Tap. Thread x 2" Flare Copper	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-7-NL	$ 222.50	$ 2,225.00
229	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-44S	$ 37.03	$ 370.30
230	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-44S	$ 30.29	$ 302.90
231	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-33-NL	$ 34.51	$ 345.10
232	Curb Stop; Ball Valve; 1" CTS x 1" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-Q-NL	$ 89.97	$ 719.76
233	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-44	$ 19.50	$ 156.00

234	PJC; 1-1/2" CTS x 2" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-67-NL	$ 68.02	$ 544.16
235	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L44-33-Q	$ 21.79	$ 174.32
236	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-33	$ 31.12	$ 248.96
237	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-43	$ 53.48	$ 427.84
238	3/4" Female Wiped Lead x 3/4" Flare Copper	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-33-NL	$ 15.78	$ 94.68
239	1/2" XX SLP OR 5/8" Strong x 3/4" CTS	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-23/Q34-13	$ 26.61	$ 159.66
240	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-44	$ 53.94	$ 323.64
241	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-33	$ 24.98	$ 149.88
242	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-43	$ 49.82	$ 298.92
243	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-666	$ 144.73	$ 578.92
244	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-777	$ 211.68	$ 846.72
245	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-444	$ 81.53	$ 326.12
246	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666	$ 173.75	$ 695.00
247	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666-SW	$ 200.64	$ 802.56
248	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-777	$ 233.94	$ 935.76
249	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-SW	$ 99.65	$ 398.60
250	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-666	$ 206.93	$ 827.72
251	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-777	$ 289.74	$ 1,158.96
252	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C01-77	$ 232.17	$ 928.68
253	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-45	$ 86.27	$ 345.08
254	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-66	$ 186.60	$ 746.40
255	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-77	$ 354.78	$ 1,419.12
256	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-78	$ 485.43	$ 1,941.72
257	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34	$ 75.78	$ 303.12
258	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34-Q	$ 75.78	$ 303.12
259	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-55	$ 131.73	$ 526.92
260	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-56	$ 200.08	$ 800.32
261	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-66	$ 241.85	$ 967.40
262	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-77	$ 326.44	$ 1,305.76
263	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C46-44	$ 115.28	$ 461.12

264	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C66-55	$ 26.06	$ 104.24
265	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-11	$ 54.41	$ 217.64
266	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-33	$ 32.18	$ 128.72
267	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-43	$ 59.16	$ 236.64
268	1" MIPT x 1" CTS	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-44	$ 64.13	$ 256.52
269	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-55	$ 117.43	$ 469.72
270	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-66	$ 167.66	$ 670.64
271	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-77	$ 245.22	$ 980.88
272	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-33	$ 68.67	$ 274.68
273	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-44	$ 99.83	$ 399.32
274	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-54	$ 131.15	$ 524.60
275	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-55	$ 151.38	$ 605.52
276	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-65	$ 169.73	$ 678.92
277	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-66	$ 236.72	$ 946.88
278	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-77	$ 376.04	$ 1,504.16
279	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-44	$ 111.36	$ 445.44
280	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L84-44-Q	$ 99.78	$ 399.12
281	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-33	$ 69.63	$ 278.52
282	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-44S	$ 135.27	$ 541.08
283	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-66	$ 278.70	$ 1,114.80
284	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-77	$ 426.97	$ 1,707.88
285	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-44	$ 171.70	$ 686.80
286	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-44	$ 220.26	$ 881.04
287	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-56	$ 289.26	$ 1,157.04
288	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-66	$ 340.42	$ 1,361.68
289	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-77	$ 549.60	$ 2,198.40
290	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q26-66	$ 343.45	$ 1,373.80
291	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-44	$ 138.82	$ 555.28
292	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-66	$ 236.72	$ 946.88
293	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-77	$ 470.95	$ 1,883.80

294	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-44	$ 193.47	$ 773.88
295	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-33	$ 111.83	$ 447.32
296	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-44	$ 156.63	$ 626.52
297	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L84-33LL	$ 15.44	$ 61.76
298	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	T444-444	$ 172.71	$ 690.84
299	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Z44-111	$ 143.96	$ 575.84
300	2" CTS x 2" FNPT with Swivel	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	L14-77Q	$ 120.57	$ 482.28
301	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74776S	No Bid	0
302	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	708-5949-Y	No Bid	0
							Price Total for Group # 18:	$ 66,974.46

Group # 18, Curb Boxes, Caps & Risers (groups must be won entirely)

303	Curb boxes, caps & Stainless steel risers, Arch pattern, 1" upper, Type HS-LID, #EA1-55-40-42R-SS, Curb Box lids only, HS-LID (Max lid OD 3-3/4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford,Mueller	Bingham and Taylor	$ 56.35	$ 8,452.50
304	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	Waterworks Tool Co.	$ 7.25	$ 1,087.50
305	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (8")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	Waterworks Tool Co.	$ 8.00	$ 1,200.00
306	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (12")	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	Waterworks Tool Co.	$ 10.50	$ 1,050.00
307	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (18")	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	Waterworks Tool Co.	$ 12.25	$ 245.00
308	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (24")	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	Waterworks Tool Co.	$ 14.50	$ 174.00
							Price Total for Group # 19:	$ 12,209.00

Group # 19, Waterous Hydrant, misc. parts (groups must be won entirely)

309	5-1/4 pacer extension kit (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
310	5-1/4 pacer extension kit (12")	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
311	5-1/4 pacer extension kit (18")	12	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
312	5-1/4 pacer extension kit (24")	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
313	Waterous Breakoff Section Replacement Kit K525 (pre 1980)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
314	Waterous Traffic/Break Repair Kit (post 1980 Waterous Hydrants)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts			No Bid
							Price Total for Group # 20:	No Bid

Group # 20, Rolled "K" Copper (groups must be won entirely)

MUST BE AWWA C800, NSF/ANSI 372

*60' rolls

315	Rolled "K" copper; 3/4"; 50ft rolls	20	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	Cambridge Lee	$ 229.20	$ 4,584.00
316	Rolled "K" copper; 1"; 50ft rolls	8	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	Cambridge Lee	$ 298.20	$ 2,385.60
317	Rolled "K" copper; 1-1/2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	Cambridge Lee	$ 460.80	$ 2,304.00
318	Rolled "K" copper; 2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	Cambridge Lee	$ 739.20	$ 3,696.00
							Price Total for Group # 21:	$ 12,969.60

Group # 21, Waterous Fire Hydrant Parts (groups must be won entirely)

319	O-Ring Packing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41958		No Bid
320	Drain Plunger	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41912		No Bid
321	Cotter Pin, 1/4" x 1-1/2"	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41980		No Bid
322	Nozzle Cap, Hose	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41970		No Bid
323	Nozzle Cap, Pumper	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41955		No Bid
324	Hose Nozzle Cap Gasket	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42013		No Bid
325	Pumper Nozzle Cap Gasket	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015		No Bid
326	Pumper Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41997		No Bid
327	Hose Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41998		No Bid
328	Flat HD Screw 1/4"-20 x 1/2"	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41971		No Bid
329	Operating Nut, Lower OR	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42000		No Bid
330	Operating Nut, Upper	50	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42012		No Bid
331	Valve Rod Bushing	5	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41960		No Bid
332	Standpipe (specify length)	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	*		No Bid
333	Crossarm	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41987		No Bid
334	Valve Seat	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41976		No Bid
335	Upper Valve Washer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41978		No Bid
336	Main Valve Rubber	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41979		No Bid
337	Lower Valve Washer	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41977		No Bid
338	Upper Standpipe	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41906		No Bid
339	Support Wheel	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41992		No Bid
340	O-Ring (operating nut)	50	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41983		No Bid
341	O-Ring (support wheel)	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41963		No Bid
342	Nozzle Section (OR or OL)	3	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41904		No Bid
343	Bury Depth Plate	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41964		No Bid

344	Bury Depth Plate Washer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41965		No Bid
345	Upper Standpipe Flg. (WB-67-250)	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41989-1		No Bid
346	Standpipe Flange	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41990		No Bid
347	Flange Lock Ring	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41991		No Bid
348	Coupling Sleeve (2 halves)	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41974		No Bid
349	Upper Rod Assembly OR	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41975		No Bid
350	Lower Rod (specify length)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41981		No Bid
351	O-Ring (upper valve seat)	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41969		No Bid
352	Groove Pin 3/32" x 7/16"	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41967		No Bid
353	Upper Tube Seal	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41984		No Bid
354	Lower Tube Seal	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41985		No Bid
355	Support Gasket	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41986		No Bid
356	Support Tube	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41986-1		No Bid
357	Stop Nut OR 1"-8	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41994		No Bid
358	Coupling Nut 1/2"-20	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41973		No Bid
359	Coupling Stud 1/2"-20 x 2-9/16"	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41972		No Bid
360	Nozzle Section Bushing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41968		No Bid
361	Thrust Ring (Starting Jan. 1970)	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41982		No Bid
362	Upper Standpipe Gasket	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41996		No Bid
363	Pipe Plug 1/4" NPT	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42017		No Bid
364	Breakable Flange	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42002		No Bid
365	O-Ring (pumper)	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-2		No Bid
366	Pumper Nozzle Retainer	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-1		No Bid
367	O-Ring (hose nozzle)	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014-1		No Bid
368	Hose Nozzle Retainer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014		No Bid
							Price Total for Group # 22:	No Bid

Group # 22, Eddy Fire Hydrant Parts (groups must be won entirely)

369	Hold Down Bolt	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388	$ 5.45	$ 54.50
370	Operating Nut O.R.	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-02	$ 21.15	$ 1,057.50
371	Packing Nut	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-03	$ 42.53	$ 1,275.90

372	Packing	60	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-04	$ 14.83	$ 889.80
373	Cover	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-05	$ 2,749.96	$ 8,249.88
374	Swivel Ring	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-07	$ 72.60	$ 290.40
375	Nozzle Section	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42381	$ 786.20	$ 3,144.80
376	Pumper Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42372	$ 218.66	$ 2,186.60
377	Pumper Nozzle Cap	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-09	$ 152.31	$ 2,284.65
378	Pumper Cap Washer	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-10	$ 4.65	$ 69.75
379	Flange Bolts & Nuts	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-3	$ 23.93	$ 1,196.50
380	Flange Gaskets	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-11	$ 13.05	$ 391.50
381	Hose Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-12	$ 0.80	$ 24.00
382	Pumper Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-121	$ 3.88	$ 116.40
383	2.5" Hose Nozzle	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373	$ 100.10	$ 1,501.50
384	2.5" Hose Nozzle Cap	40	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-13	$ 63.10	$ 2,524.00
385	2.5" Hose Cap Washer	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373-1	$ 1.55	$ 31.00
386	Upper Stem	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-14	$ 235.70	$ 707.10
387	Valve Plate	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-16	$ 199.45	$ 1,994.50
388	O-Ring	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-17	$ 2.90	$ 58.00
389	Valve Rubber	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42378	$ 52.22	$ 522.20
390	Seat Ring	6	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-18	$ 65.27	$ 391.62
391	Throttling Ring	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-19	$ 199.45	$ 598.35
392	Thrust Washer	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-20	$ 18.13	$ 362.60
393	Snap Ring	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-21	$ 9.32	$ 139.80
394	Lower Stem	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42387	$ 201.63	$ 1,008.15
395	Stem Wedge (only if they are still available)	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-22	$ 13.71	$ 205.65
396	Stem Wedge Screw	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-23	$ 1.75	$ 26.25
397	Lock Nut	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-24	$ 5.55	$ 277.50
398	Drain Spool	8	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-25	$ 33.36	$ 266.88
399	Drain Lever	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376	$ 40.62	$ 406.20
400	Lever Pin	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-26	$ 5.44	$ 54.40
401	Clevis & Nut	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-27	$ 33.36	$ 500.40

402	Drain Support	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-28	$ 81.96	$ 409.80
403	Drain Rod	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-29	$ 100.10	$ 300.30
404	Drain Valve Backer	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-30	$ 5.44	$ 27.20
405	Drain Valve Rubber	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-31	$ 5.44	$ 54.40
406	Drain Cup	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-32	$ 32.64	$ 130.56
407	Retaining Nut	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-33	$ 5.55	$ 83.25
408	Bottom B & N	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-34	$ 32.64	$ 65.29
409	Bottom Gasket	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-35	$ 9.00	$ 18.00
410	Bottom	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42363	$ 32.68	$ 65.36
411	Stem Nut Clip	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-37	$ 2.35	$ 4.70
412	Bottom Nut O.R.	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-39	$ 58.75	$ 117.50
413	Stem Coupling	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-1	$ 78.33	$ 391.65
414	Stem Coupling Pin	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-2	$ 3.67	$ 18.35
415	Middle Stem	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-36	$ 42.80	$ 85.60
							Price Total for Group # 23:	$ 34,580.24

Group # 23, Stainless Steel Nuts & Bolts

416	Stainless Steel 18-8; Hex Bolt 5/8"-11 x 2-1/2"	400	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
417	Stainless Steel 18-8; Hex Bolt 5/8"-11 x 2-3/4"	200	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
418	Stainless Steel 18-8; Hex Bolt 5/8"-11 x 3"	400	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
419	Stainless Steel 18-8; Hex Bolt 5/8"-11 x 3-1/4"	200	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
420	Stainless Steel 18-8; Hex Bolt 5/8"-11 x 3-1/2"	200	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
421	Stainless Steel 18-8; Hex Nut 5/8"-11 (1/2" high x 15/16" width across flats)	1,400	EACH	ALL BRANDS ARE ACCEPTABLE	AIS Certified			No Bid
							Price Total for Group # 24:	No Bid

Group # 24, Hydrant Leads (groups must be won entirely)

422	1ft Hydrant Leads w/ C110 Full Bodied Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 146.60	$ 586.40
423	1.5ft Hydrant Leads w/ C110 Full Bodied Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 160.11	$ 640.44
424	2ft Hydrant Leads w/ C110 Full Bodied Glands	5	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 172.67	$ 863.35
425	3ft Hydrant Leads w/ C110 Full Bodied Glands	6	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 202.15	$ 1,212.90

426	4ft Hydrant Leads w/ C110 Full Bodied Glands	6	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 231.15	$ 1,386.90
427	6ft Hydrant Leads w/ C110 Full Bodied Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 284.75	$ 1,139.00
428	8ft Hydrant Leads w/ C110 Full Bodied Glands	1	EACH	BRAND NAME OR APPROVED EQUAL	- AIS Certified -	Clear Water Mfg	$ 344.19	$ 344.19
							Price Total for Group # 25:	$ 6,173.18

Group # 25, Yard Hydrants (groups must be won entirely)

429	Yard Hydrants;candycane;freezeless;3/4", 4ft bury	6	EACH	BRAND NAME OR APPROVED EQUAL	Woodford	Model Y34	$ 104.10	$ 624.60
430	Yard Hydrants;flushmount;freezeless;3/4" NPT, 4ft bury	6	EACH	BRAND NAME OR APPROVED EQUAL	Woodford	Model Y95	$ 363.00	$ 2,178.00
							Price Total for Group # 26:	$ 2,802.60

Group # 26, Marking Spray Paint Cans (groups must be won entirely)

431	Marking spray paint cans, inverted (Blue) Water Base	300	EACH	BRAND NAME OR APPROVED EQUAL	Rust-oleum, Krylon	Inverted, Aerasol, 20-oz cans	$ 2.75	$ 825.00
432	Marking spray paint cans, inverted (Green) Water Base	120	EACH	BRAND NAME OR APPROVED EQUAL	Rust-oleum, Krylon	Inverted, Aerasol, 20-oz cans	$ 2.75	$ 330.00
433	Marking spray paint cans, inverted (White) Water Base	120	EACH	BRAND NAME OR APPROVED EQUAL	Rust-oleum, Krylon	Inverted, Aerasol, 20-oz cans	$ 2.75	$ 330.00
							Price Total for Group # 27:	$ 1,485.00

Group # 27, Marking Flags (groups must be won entirely)

434	Marking Flags; 18" wire stem; 3"x3" (Blue)	1000	EACH	ALL BRANDS ARE ACCEPTABLE			$ 63.75	$ 63.75
435	Marking Flags; 18" wire stem; 3"x3" (Green)	1000	EACH	ALL BRANDS ARE ACCEPTABLE			$ 63.75	$ 63.75
							Price Total for Group # 28:	$ 127.50

Group # 28, Rock Salt (groups must be won entirely)

436	50-lb Bags Rock Salt	80	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
							Price Total for Group # 29:	No Bid

Group # 29, Grass Seed (groups must be won entirely)

437	50-lb Bags Grass Seed Blend, Minimum 51% Perennial Mix	30	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
438	50-lb Bags Grass Seed Blend "DOT General Roadside Seed Mixture" **Fine Textured Grasses:** 40% Boreal Creeping Red Fescue 18% Frontier Perennial Ryegrass 15% Banfield Perennial Ryegrass 10% Chewings Fescue **Coarse Grasses:** 11% Annual Ryegrass **Legumes:** 5% Medium Red Clover Inert Matter <2% Crop & Weed Seed <0.15% Minimum Germination Rate: >80%	10	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
							Price Total for Group # 30:	No Bid

Group # 30, Friction Clamps (groups must be won entirely)

439	6" Friction Clamps	70	EACH	BRAND NAME OR APPROVED EQUAL	Product info required	Empire Ind	$ 31.10	$ 2,177.00
							Price Total for Group # 31:	$ 2,177.00

[redacted]

Albany Water Department; Section 2: Sewer Department Bid Items

Group # 1, Manhole Frames, Covers & Catch Basins (groups must be won entirely)

1	Manhole frame & covers, H20 loading, 24" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
2	Manhole frame & covers, H20 loading, 24" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
3	Manhole frame & covers, H20 loading, 30" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
4	Manhole frame & covers, H20 loading, 30" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
5	Catch basin frame & grates, bicycle safe, H20 loading, 24" x 24" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
6	Catch basin frame & grates, bicycle safe, H20 loading, 30" x 30" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
7	Precast concrete catch basin w/ knock out panels, 30"x30"x36" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
8	Precast concrete catch basin w/ knock out panels, 30"x30"x48" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
							Price Total for Group # 1:	No Bid

Group # 2, Bricks & Blocks (groups must be won entirely)

9	4"x8"x16" solid concrete gray block	3600	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
10	2"x4"x8" solid concrete gray brick	2200	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
11	2"x4"x8" solid concrete red brick	500	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
							Price Total for Group # 2:	No Bid

Group # 3, Cement Style Mixes (groups must be won entirely)

12	80-lb Bags, Iron Clad Type 'S' Masonry Cement	550	each	BRAND NAME ONLY	Lehigh			No Bid
13	50-lb Quikrete high early concrete mix bags, 5000 psi	200	each	BRAND NAME OR APPROVED EQUAL	Quikrete			No Bid
14	50-lb buckets, Quikrete hydraulic cement	20	each	BRAND NAME OR APPROVED EQUAL	Quikrete			No Bid
							Price Total for Group # 3:	No Bid

Group # 4, Jet Hoses & Tigertails (groups must be won entirely)

15	Sewer Jet leader hose, 1" x 10ft, 3000PSI	12	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-			No Bid
16	Sewer jet hose, 1"x600', orange, 2500 psi rated or higher	1	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-			No Bid
17	Tigertail, 3"x3' w/ 24' polyester rope	10	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-			No Bid
							Price Total for Group # 4:	No Bid

Group # 5, Plastic Pipe, Fernco Fittings, Tracing Dye (groups must be won entirely)

18	PVC pipe, SDR-26, 4"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 16.07	$ 96.42
19	PVC pipe, SDR-26, 6"	10	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 46.93	$ 469.30
20	PVC pipe, SDR-26, 8"	10	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 64.64	$ 646.40
21	PVC pipe, SDR-26, 10"	10	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 129.42	$ 1,294.20
22	PVC pipe, SDR-26, 12"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 189.16	$ 1,134.96
23	PVC pipe, SDR-26, 15"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	National	$ 286.20	$ 1,717.20
24	PVC bends, 4" x 22.5 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 15.48	$ 92.88
25	PVC bends, 4" x 45 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 11.66	$ 69.96
26	PVC bends, 4" x 90 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 20.72	$ 124.32
27	PVC bends, 6" x 22.5 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 28.79	$ 172.74
28	PVC bends, 6" x 45 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 21.17	$ 127.02
29	PVC bends, 6" x 90 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 22.23	$ 133.38
30	PVC bends, 8" x 22.5 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 52.43	$ 314.58
31	PVC bends, 8" x 45 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 52.01	$ 312.06
32	PVC bends, 8" x 90 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 95.84	$ 575.04
33	PVC bends, 10" x 22.5 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 111.13	$ 666.78
34	PVC bends, 10" x 45 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 101.38	$ 608.28
35	PVC bends, 10" x 90 bend	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 147.61	$ 885.66
36	PVC wyes, 6"x6"x6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 42.85	$ 257.10
37	PVC wyes, 8"x8"x6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 55.67	$ 334.02
38	PVC wyes, 10"x10"x6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 124.73	$ 748.38
39	PVC wyes, 12"x12"x6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 169.89	$ 1,019.34
40	PVC wyes, 15"x15"x6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	NAPCO	$ 286.55	$ 1,719.30
41	Fernco couplings 4" PVC x 4" PVC	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 4.03	$ 24.18
42	Fernco couplings 4" PVC x 6" PVC	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 10.10	$ 60.60
43	Fernco couplings 6" PVC x 6" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 8.55	$ 102.60
44	Fernco couplings 6" clay x 6" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 8.53	$ 102.36
45	Fernco couplings 8" PVC x 8" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 13.13	$ 157.56
46	Fernco couplings 8" clay x 8" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 13.15	$ 157.80

47	Fernco couplings 10" PVC x 10" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 19.48	$ 233.76
48	Fernco couplings 10" clay x 10" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 19.48	$ 233.76
49	Fernco couplings 12" PVC x 12" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 22.75	$ 273.00
50	Fernco couplings 12" clay x 12" PVC	12	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 22.74	$ 272.88
51	Fernco couplings 15" PVC x 15" PVC	8	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 36.56	$ 292.48
52	Fernco couplings 15" clay x 15" PVC	8	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	Fernco	$ 36.70	$ 293.60
53	corrugated HDPE dual wall pipe 6"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	ADS	$ 43.40	$ 260.40
54	corrugated HDPE dual wall pipe 8"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	ADS	$ 66.00	$ 396.00
55	corrugated HDPE dual wall pipe 10"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	ADS	$ 95.00	$ 570.00
56	corrugated HDPE dual wall pipe 12"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	ADS	$ 108.80	$ 652.80
57	corrugated HDPE dual wall pipe 15"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	ADS	$ 140.40	$ 842.40
58	sewer tracing dye, liquid, flourescent green (price per gallon)	15	QUART	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-		$ 15.20	$ 228.00
59	sewer tracing dye, liquid, flourescent red (price per gallon)	15	QUART	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-		$ 15.20	$ 228.00
							Price Total for Group # 5:	$ 18,901.50

Group # 6, Saw Blades (groups must be won entirely)

60	K14; Wet/Dry; Concrete/Masonry/ Stone Cutting Blade	15	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-	US Saws GPS 14"	$ 148.15	$ 2,222.25
61	K14 Diamond Edge, Metal Saw Blades	15	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-	US Saws APB 14"	$ 169.10	$ 2,536.50
							Price Total for Group # 6:	$ 4,758.75

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
181	DI Pipe 6X6 45 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
182	DI Pipe 6X6 22.5 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
183	DI Pipe 6X6 11.25 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
184	DI Pipe 4X4 90 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
185	DI Pipe 4X4 45 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
186	DI Pipe 4X4 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
187	DI Pipe 4X4 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
188	DI Pipe 12X10 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
189	DI Pipe 12X8 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
190	DI Pipe 12X6 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
191	DI Pipe 8x4 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified			
							Price Total for Group # 13:	

EJ USA, Inc. NO BID

Group # 14, Valve Boxes, Caps & Risers (groups must be won entirely)

192	Valve boxes, 3-piece, (top,bottom & cap); Screw Type, heavy-duty, AIS Certified, w/ drop in "Water" lid, 5-1/4" x 27" VB Top, 5-1/4" x 36" VB Bottom	150	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	85503860	147.13	$22,069.50
193	Valve Box Caps, (Caps only; same as caps included with item # 203	300	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	06800001	$16.16	$4,848.00
194	5-1/4" x 1" VB drop in riser	150	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	85008010	$20.47	$3,070.50
195	5-1/4" x 2" VB drop in reser	200	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	85008020	$28.01	$5,602.00
196	5-1/4" x 4" VB drop in riser	40	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	85008040	$43.09	$1,723.60
197	5-1/4" x 6" VB drop in riser	15	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	85008060	$57.10	$856.50
198	5-1/4" x 12" VB drop in riser	10	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	(2) 85008060	$114.20	$1,142.00
							Price Total for Group # 14:	$39,312.10

Group # 15, Gate Valves (4"- 12") (groups must be won entirely)

MUST BE AWWA C515

199	4" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22022	$429.59	$1,288.77
200	6" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	30	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22032	$540.88	$16,226.40
201	8" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22042	$870.89	$2,612.67
202	10" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	2	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22052	$1,358.14	$2,716.28
203	12" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22062	$1,718.35	$10,310.10
204	16" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	22072	$5,760.27	$34,561.62
							Price Total for Group # 15:	$67,715.84

Group # 16, Butterfly Valves (16"- 48") (groups must be won entirely)

MUST BE AWWA C504 MJ ENDS 150B

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
439	6" Friction Clamps	70	EACH	BRAND NAME OR APPROVED EQUAL	Product info required		EJ USA, Inc. NO BID	
							Price Total for Group # 30:	

[redacted]

Albany Water Department; Section 2: Sewer Department Bid Items

Group # 1, Manhole Frames, Covers & Catch Basins (groups must be won entirely)

1	Manhole frame & covers, H20 loading, 24" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	00377119	$148.80	$2,232.00
2	Manhole frame & covers, H20 loading, 24" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	TBD	$248.00	$3,720.00
3	Manhole frame & covers, H20 loading, 30" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	TBD	$248.00	$3,720.00
4	Manhole frame & covers, H20 loading, 30" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	TBD	$392.46	$5,886.90
5	Catch basin frame & grates, bicycle safe, H20 loading, 24" x 24" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	00542331A01	$217.00	$3,255.00
6	Catch basin frame & grates, bicycle safe, H20 loading, 30" x 30" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	EJ USA, Inc.	00541931A01	$321.16	$4,817.40
7	Precast concrete catch basin w/ knock out panels, 30"x30"x36" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			
8	Precast concrete catch basin w/ knock out panels, 30"x30"x48" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			
							Price Total for Group # 1:	$23,631.30

Group # 2, Bricks & Blocks (groups must be won entirely)

9	4"x8"x16" solid concrete gray block	3600	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			
10	2"x4"x8" solid concrete gray brick	2200	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --	EJ USA, Inc. NO BID		
11	2"x4"x8" solid concrete red brick	500	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			
							Price Total for Group # 2:	

Group # 3, Cement Style Mixes (groups must be won entirely)

12	80-lb Bags, Iron Clad Type 'S' Masonry Cement	550	each	BRAND NAME ONLY	Lehigh			
13	50-lb Quikrete high early concrete mix bags, 5000 psi	200	each	BRAND NAME OR APPROVED EQUAL	Quikrete	EJ USA, Inc. NO BID		
14	50-lb buckets, Quikrete hydraulic cement	20	each	BRAND NAME OR APPROVED EQUAL	Quikrete			
							Price Total for Group # 3:	

Group # 4, Jet Hoses & Tigertails (groups must be won entirely)

15	Sewer Jet leader hose, 1" x 10ft, 3000PSI	12	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-			
16	Sewer jet hose, 1"x600', orange, 2500 psi rated or higher	1	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-	EJ USA, Inc. NO BID		
17	Tigertail, 3"x3' w/ 24' polyester rope	10	each	BRAND NAME OR APPROVED EQUAL	-Sample/Info Required-			
							Price Total for Group # 4:	

Group # 5, Plastic Pipe, Fernco Fittings, Tracing Dye (groups must be won entirely)

18	PVC pipe, SDR-26, 4"	6	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			

EJ Prescott Inc.

Albany Water Department

Attachment A - 2020 Water & Sewer Supplies Bid Sheet

Albany Water Department; Section 1: T&D Bid Items

Group # 1, Wide Range Duticle Iron Pipe Couplings up to 12" (groups must be won entirely)

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
1	3" Wide Range DI Pipe Coupling (3.46"-4.33") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	141.00	705.00
2	4" Wide Range DI Pipe Coupling (4.25"-5.63") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	165.00	825.00
3	6" Wide Range DI Pipe Coupling (6.42"-7.68") or wider range	120	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	215.00	25 800.00
4	8" Wide Range DI Pipe Coupling (8.54"-9.84") or wider range	15	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	245.00	3675.00
5	10" Wide Range DI Pipe Coupling (10.70"-12.00") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	350.00	1050.00
6	10" Wide Range DI Pipe Coupling (10.96-12.26") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	350.00	1050.00
7	12" Wide Range DI Pipe Coupling (12.40"-13.66") or wider range	15	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	415.00	6225.00
8	12" Wide Range DI Pipe Coupling (13.15"-14.41") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Romac	415.00	2075.00
9	Wide Range DI Pipe Reducer (4"-3")	5	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax *	195.00	975.00
10	Wide Range DI Pipe Reducer (6"-4")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax *	275.00	2200.00
11	Wide Range DI Pipe Reducer (8"-6")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Hymax *	480.00	3840.00
							Price Total for Group # 1:	48,420.00

* HYMAX DO NOT MEET AIS CERT.

Group # 2, Wide Range Duticle Iron Pipe Couplings over 12" (groups must be won entirely)

MUST BE AWWA C219, NSF61, NSF372

12	16" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			NB
13	20" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
14	24" Wide Range DI Pipe Coupling (24.60"-26.70")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
15	30" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
16	36" Wide Range DI Pipe Coupling (37.90"-40.00")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
17	42" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
18	48" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			
							Price Total for Group # 2:	

Group # 3, Stainless Steel Repair Clamps (Groups Must Be Won Entirely)

19	1/2" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-084-6R	31.35	62.70
20	3/4" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-105-6R	31.51	63.02
21	1" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-132-6R	31.76	63.52
22	1.5" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-190-6R	32.75	65.50
23	2" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-7.5	38.24	76.48
24	2" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-12.5	63.61	127.22

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
25	2.25"-2.5" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-7.5	39.75	79.50
26	2.25"-2.5" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-15	70.53	141.06
27	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-7.5	41.71	83.42
28	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-7.5	46.57	93.14
29	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-15	76.28	152.56
30	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-15	94.20	188 40
31	4" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-7.5	47.05	94.10
32	4" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-12.5	74.74	149.48
33	4" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-15	89.25	178.50
34	4" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-20	126.03	252.06
35	6" x 7.5" Stainless Steel Repair Clamp	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-7.5	56.30	2815.00
36	6" x 12.5" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-12.5	89.90	1798.00
37	6" x 15" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-15	99.16	1983.20
38	6" x 20" Stainless Steel Repair Clamp	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-20	149.57	448.71
39	6" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-30	245.04	490.08
40	8" x 7.5" Stainless Steel Repair Clamp	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-7.5	65.97	989.55
41	8" x 12.5" Stainless Steel Repair Clamp	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-12.5	105.88	847.04
42	8" x 15" Stainless Steel Repair Clamp	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-15	120.99	483.96
43	8" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-20	171.41	342.82
44	8" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-30	281.36	562.72
45	10" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-7.5	87.91	175.82
46	10" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-15	158.48	316.96
47	10" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-20	211.62	423.24
48	10" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-30	359.80	719.60
49	12" x 7.5" Stainless Steel Repair Clamp	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-7.5	99.81	598.86
50	12" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-15	180.76	361.52
51	12" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-20	251.03	502.06
52	12" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-30	425.54	851.08
53	16" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-15	460.21	920.42
54	16" x 24" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-24	639.89	1279.78
55	16" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-30	941.08	1882.16

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
56	20" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-20	706.08	1412.16
57	20" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-30	1079.67	2159.34
58	24" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-20	1129.73	2259.46
59	24" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-30	1470.42	2940.84
							Price Total for Group # 3:	29,435.04

Group # 4, Service Saddles & Tapping Sleeves

60	4" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC3		NB
61	4" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC4		
62	4" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC6		
63	4" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC7		
64	6" Service Saddle with 3/4" Tap	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC3		
65	6" Service Saddle with 1" Tap	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC4		
66	6" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC6		
67	6" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC7		
68	8" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC3		
69	8" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC4		
70	8" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC6		
71	8" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC7		
72	10" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC3		
73	10" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC4		
74	10" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC6		
75	10" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC7		
76	12" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC3		
77	12" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC4		
78	12" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC6		
79	12" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC7		
80	16" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC3		
81	16" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC4		
82	16" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC6		
83	16" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC7		
84	20" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC3		

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
85	20" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC4		NB
86	20" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC6		
87	20" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC7		
88	24" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC3		
89	24" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC4		
90	24" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC6		
91	24" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC7		
92	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-730-6		
93	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-6		
94	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-8		
							Price Total for Group # 4:	

Group # 5, Ductile Iron Pipe; 4"-12" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

95	4" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	4" TJ, CL-52, DI Pipe		NB
96	6" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	6" TJ, CL-52, DI Pipe		
97	8" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	8" TJ, CL-52, DI Pipe		
98	10" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	10" TJ, CL-52, DI Pipe		
99	12" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	12" TJ, CL-52, DI Pipe		
							Price Total for Group # 5:	

Group # 6, Ductile Iron Pipe; 16"-60" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

100	16" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	16" TJ, CL-52, DI Pipe		NB
101	20" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	20" TJ, CL-52, DI Pipe		
102	24"Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	24" TJ, CL-52, DI Pipe		
103	30" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	30" TJ, CL-52, DI Pipe		
104	36" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	36" TJ, CL-52, DI Pipe		
105	42" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	42" TJ, CL-52, DI Pipe		
106	48" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	48" TJ, CL-52, DI Pipe		
							Price Total for Group # 6:	

Group # 7, Bell Joint Leak Clamps, 4"-12" (groups must be won entirely)

107	Bell Joint Leak Clamps (4")	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-	100.00	500.00
108	Bell Joint Leak Clamps (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-710	145.00	1450.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
109	Bell Joint Leak Clamps (8")	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-930	205.00	615.00
110	Bell Joint Leak Clamps (10")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1140	270.00	540.00
111	Bell Joint Leak Clamps (12")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1350	325.00	650.00
							Price Total for Group # 8:	3,755.00

Group # 8, Bell Joint Leak Clamps, 16"-60" (groups must be won entirely)

112	Bell Joint Leak Clamps (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 16"		NB
113	Bell Joint Leak Clamps (20")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 20"		
114	Bell Joint Leak Clamps (24")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 24"		
115	Bell Joint Leak Clamps (36")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 36"		
116	Bell Joint Leak Clamps (42")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 42"		
117	Bell Joint Leak Clamps (48")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 48"		
							Price Total for Group # 9:	

Group # 9, MJ Glands, & Gasket Kits, 4"-12" (groups must be won entirely)

118	4" MJ Gland	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			NB
119	6" MJ Gland	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
120	6" Oversized MJ Gland	50	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
121	8" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
122	10" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
123	12" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
124	4" MJ Blue Bolt & Gasket Kit	15	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
125	6" MJ Blue Bolt & Gasket Kit	150	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
126	8" MJ Blue Bolt & Gasket Kit	20	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
127	10" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
128	12" MJ Blue Bolt & Gasket Kit	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
							Price Total for Group # 10:	

Group # 10, MJ Glands, & Gasket Kits, 16"-48" (groups must be won entirely)

129	16" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			NB
130	20" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
131	24" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
132	30" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
133	36" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			
134	42" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
							Price Total for Group # 14:	NB
	Group # 14, Valve Boxes, Caps & Risers (groups must be won entirely)							
192	Valve boxes, 3-piece, (top,bottom & cap); Screw Type, heavy-duty, AIS Certified, w/ drop in "Water" lid, 5-1/4" x 27" VB Top, 5-1/4" x 36" VB Bottom	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			NB
193	Valve Box Caps, (Caps only; same as caps included with item # 203	300	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
194	5-1/4" x 1" VB drop in riser	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
195	5-1/4" x 2" VB drop in reser	200	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
196	5-1/4" x 4" VB drop in riser	40	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
197	5-1/4" x 6" VB drop in riser	15	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
198	5-1/4" x 12" VB drop in riser	10	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby			
							Price Total for Group # 15:	
	Group # 15, Gate Valves (4"- 12") (groups must be won entirely)							
	MUST BE AWWA C515				AFC			
199	4" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	2500 SERIES	475.00	1425.00
200	6" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	30	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		609.00	18,270.00
201	8" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		970.00	2910.00
202	10" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	2	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		1510.00	3020.00
203	12" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		1910.00	11 460.00
204	16" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC		6350.00	38 100.00
							Price Total for Group # 16:	75,185.00
	Group # 16, Butterfly Valves (16"- 48") (groups must be won entirely)							
	MUST BE AWWA C504 MJ ENDS 150B							
205	Valves; AIS Certified, Cast Iron, MJ, Open Right (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			NB
206	Valves; AIS Certified, Cast Iron, MJ, Open Right (20")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
207	Valves; AIS Certified, Cast Iron, MJ, Open Right (24")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
208	Valves; AIS Certified, Cast Iron, MJ, Open Right (32")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
209	Valves; AIS Certified, Cast Iron, MJ, Open Right (36")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
210	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (42")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
211	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (48")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog			
							Price Total for Group # 17:	
	Group # 17, Brass Service Fittings (groups must be won entirely)							

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
	MUST BE AWWA C800, NSF/ANSI 372					* AY MCDONALD		
212	90°; 3/4" Fem. Copper x 3/4" CTS	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-33S-NL	26.48	2648.00
213	Ball Valve; 3/4" CTS x 3/4" CTS	75	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-NL	58.30	4372.50
214	3/4" CC Tap. Thread x 3/4" Flare Copper	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-3-NL	26.77	1338.50
215	90°; RC 1; 5/8" Meter Nut x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L34-13-NL	16.41	656.40
216	90°; 3/4" Fem. Thread x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-33S-NL	20.27	810.80
217	5/8" XS LP OR 3/4" PEP x 3/4" CTS PC	35	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-23-NL	19.21	672.35
218	1/2" Female Wiped Lead x 3/4" Flare Copper	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-13-NL	14.23	426.90
219	1/2" XXS LP OR 5/8" S LP x 3/4" MIPT	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-23, Q38-13	22.46	673.80
220	3/4" CTS QJ x 3/4" QJ	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-33-Q-NL	16.06	321.20
221	5/8" XXS LP x 3/4" MIPT	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-33-NL, Q38-23-NL	23.69	355.35
222	Ball Valve; 3/4" CTS x 3/4" FIPT	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-333-Q-NL	51.18	614.16
223	5/8" Female Wiped Lead x 3/4" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-23-NL	16.31	195.72
224	1" CC Tap. Thread x 1" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-4-NL	40.91	490.92
225	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-SW	DUPLICATE ITEM OMITTED	
226	Curb Stop; 3/4" CTS x 3/4" CTS	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	BC44-333-SW-NL	47.64	476.40
227	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-6-NL	125.51	1255.10
228	2" CC Tap. Thread x 2" Flare Copper	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-7-NL	219.24	2192.40
229	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-44S	36.10	361.00
230	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-44S	29.22	292.20
231	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-33-NL	33.64	336.40
232	Curb Stop; Ball Valve; 1" CTS x 1" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-Q-NL	87.63	701.04
233	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-44	18.38	147.04
234	PJC; 1-1/2" CTS x 2" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-67-NL	67.01	536.08
235	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L44-33-Q	20.76	166.08
236	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-33	30.33	242.64
237	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-43	52.13	417.04
238	3/4" Female Wiped Lead x 3/4" Flare Copper	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-33-NL	15.36	92.16
239	1/2" XX SLP OR 5/8" Strong x 3/4" CTS	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-23/Q34-13	27.08	162.48
240	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-44	54.87	329.22
241	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-33	24.37	146.22

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
242	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-43	50.70	304.20
243	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-666	144.16	576.64
244	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-777	210.83	843.32
245	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-444	78.61	314.44
246	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666	171.20	684.80
247	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666-SW	186.77	747.08
248	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-777	238.04	952.16
249	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-SW	93.31	373.24
250	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-666	209.70	838.80
251	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-777	294.80	1179.20
252	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C01-77	59.05	236.20
253	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-45	24.02	96.08
254	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-66	47.59	190.36
255	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-77	89.61	358.44
256	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-78	114.00	456.00
257	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34	18.67	74.68
258	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34-Q	18.67	74.68
259	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-55	31.74	126.96
260	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-56	50.93	203.72
261	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-66	61.50	246.00
262	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-77	83.05	332.20
263	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C46-44	29.01	116.04
264	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C66-55	56.71	226.84
265	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-11	12.80	51.20
266	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-33	13.20	52.80
267	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-43	14.41	57.64
268	1" MIPT x 1" CTS	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-44	15.63	62.52
269	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-55	29.89	119.56
270	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-66	42.81	171.24
271	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-77	62.38	249.52
272	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-33	17.49	69.96

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
273	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-44	25.39	101.56
274	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-54	34.16	136.64
275	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-55	38.47	153.88
276	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-65	43.18	172.72
277	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-66	60.23	240.92
278	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-77	95.71	382.84
279	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-44	26.24	104.96
280	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L84-44-Q	24.05	96.20
281	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-33	17.35	69.40
282	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-44S	33.70	134.80
283	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-66	118.12	472.48
284	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-77	167.19	668.76
285	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-44	42.75	171.00
286	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-44	53.68	214.72
287	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-56	73.57	294.28
288	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-66	86.57	346.28
289	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-77	139.85	559.40
290	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q26-66	87.37	349.48
291	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-44	35.32	141.28
292	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-66	60.23	240.92
293	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-77	119.79	479.16
294	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-44	49.21	196.84
295	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-33	28.47	113.88
296	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-44	39.85	159.40
297	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q84-33LL	48.79	195.16
298	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	T444-444	41.60	166.40
299	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Z44-111	48.80	195.20
300	2" CTS x 2" FNPT with Swivel	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74779Q	110.50	442.00
301	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74776S	168.67	674.68
302	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	708-5949-Y	111.60	446.40
							Price Total for Group # 18:	39,938.26

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
	Group # 18, Curb Boxes, Caps & Risers (groups must be won entirely)							
303	Curb boxes, caps & Stainless steel risers, Arch pattern, 1" upper, Type HS-LID, #EA1-55-40-42R-SS, Curb Box lids only, HS-LID (Max lid OD 3-3/4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford,Mueller			NB
304	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller			
305	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (8")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller			
306	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (12")	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller			
307	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (18")	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller			
308	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (24")	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller			
							Price Total for Group # 19:	
	Group # 19, Waterous Hydrant, misc. parts (groups must be won entirely)							
309	5-1/4 pacer extension kit (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	250.00	2500.00
310	5-1/4 pacer extension kit (12")	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	290.00	4350.00
311	5-1/4 pacer extension kit (18")	12	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	450.00	5400.00
312	5-1/4 pacer extension kit (24")	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	610.00	4880.00
313	Waterous Breakoff Section Replacement Kit K525 (pre 1980)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	225.80	1806.40
314	Waterous Traffic/Break Repair Kit (post 1980 Waterous Hydrants)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	HRP	184.81	1478.48
							Price Total for Group # 20:	20,414.88
	Group # 20, Rolled "K" Copper (groups must be won entirely) MUST BE AWWA C800, NSF/ANSI 372							
315	Rolled "K" copper; 3/4"; 50ft rolls	20	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -			NB
316	Rolled "K" copper; 1"; 50ft rolls	8	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -			
317	Rolled "K" copper; 1-1/2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -			
318	Rolled "K" copper; 2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -			
							Price Total for Group # 21:	
	Group # 21, Waterous Fire Hydrant Parts (groups must be won entirely)							
319	O-Ring Packing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41958	7.66	76.60
320	Drain Plunger	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41912	37.34	149.36
321	Cotter Pin, 1/4" x 1-1/2"	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41980	5.75	172.50
322	Nozzle Cap, Hose	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41970	111.06	4442.40
323	Nozzle Cap, Pumper	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41955	191.48	7659.20
324	Hose Nozzle Cap Gasket	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42013	7.66	306.40
325	Pumper Nozzle Cap Gasket	40	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015	10.53	421.20

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
326	Pumper Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41997	375.30	3753.00
327	Hose Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41998	132.12	1321.20
328	Flat HD Screw 1/4"-20 x 1/2"	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41971	2.87	57.40
329	Operating Nut, Lower OR	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42000	79.47	1589.40
330	Operating Nut, Upper	50	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42012	105.31	5265.50
331	Valve Rod Bushing	5	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41960	17.24	86.20
332	Standpipe (specify length)	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	*	472.19	4721.90
333	Crossarm	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41987	81.38	325.52
334	Valve Seat	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41976	439.44	4394.40
335	Upper Valve Washer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41978	51.70	206.80
336	Main Valve Rubber	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41979	76.60	306.40
337	Lower Valve Washer	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41977	102.44	1024.40
338	Upper Standpipe	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41906	375.30	3753.00
339	Support Wheel	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41992	238.39	2383.90
340	O-Ring (operating nut)	50	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41983	2.87	143.50
341	O-Ring (support wheel)	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41963	2.87	28.70
342	Nozzle Section (OR or OL)	3	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41904	643.36	1930.08
343	Bury Depth Plate	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41964	7.66	30.64
344	Bury Depth Plate Washer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41965	7.66	30.64
345	Upper Standpipe Flg. (WB-67-250)	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41989-1	70.85	425.10
346	Standpipe Flange	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41990	111.06	666.36
347	Flange Lock Ring	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41991	19.15	287.25
348	Coupling Sleeve (2 halves)	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41974	14.37	215.55
349	Upper Rod Assembly OR	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41975	185.73	742.92
350	Lower Rod (specify length)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41981	352.31	2818.48
351	O-Ring (upper valve seat)	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41969	11.49	68.94
352	Groove Pin 3/32" x 7/16"	6	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41967	2.87	17.22
353	Upper Tube Seal	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41984	2.87	5.74
354	Lower Tube Seal	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41985	2.87	5.74
355	Support Gasket	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41986	11.49	114.90
356	Support Tube	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41986-1	105.31	1053.10

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
357	Stop Nut OR 1"-8	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41994	7.66	76.60
358	Coupling Nut 1/2"-20	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41973	4.78	47.80
359	Coupling Stud 1/2"-20 x 2-9/16"	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41972	10.53	105.30
360	Nozzle Section Bushing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41968	33.51	335.10
361	Thrust Ring (Starting Jan. 1970)	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41982	7.83	156.60
362	Upper Standpipe Gasket	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41996	11.49	114.90
363	Pipe Plug 1/4" NPT	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42017	2.87	5.74
364	Breakable Flange	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42002	62.23	1866.90
365	O-Ring (pumper)	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-2	11.49	172.35
366	Pumper Nozzle Retainer	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-1	62.23	622.30
367	O-Ring (hose nozzle)	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014-1	10.53	315.90
368	Hose Nozzle Retainer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014	47.87	191.48
							Price Total for Group # 22:	55,012.51

Group # 22, Eddy Fire Hydrant Parts (groups must be won entirely)

369	Hold Down Bolt	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388		NB
370	Operating Nut O.R.	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-02		
371	Packing Nut	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-03		
372	Packing	60	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-04		
373	Cover	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-05		
374	Swivel Ring	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-07		
375	Nozzle Section	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42381		
376	Pumper Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42372		
377	Pumper Nozzle Cap	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-09		
378	Pumper Cap Washer	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-10		
379	Flange Bolts & Nuts	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-3		
380	Flange Gaskets	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-11		
381	Hose Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-12		
382	Pumper Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-121		
383	2.5" Hose Nozzle	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373		
384	2.5" Hose Nozzle Cap	40	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-13		
385	2.5" Hose Cap Washer	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373-1		

F.W. Webb Company

Albany Water Department
Attachment A - 2020 Water & Sewer Supplies Bid Sheet

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
	Albany Water Department; Section 1: T&D Bid Items							
	Group # 1, Wide Range Duticle Iron Pipe Couplings up to 12" (groups must be won entirely)							
1	3" Wide Range DI Pipe Coupling (3.46"-4.33") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX304200000000 Not AIS Compliant	$ 113.00	$ 565.00
2	4" Wide Range DI Pipe Coupling (4.25"-5.63") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX305610000000 Not AIS Compliant	144.00	720.00
3	6" Wide Range DI Pipe Coupling (6.42"-7.68") or wider range	120	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX307650000000 Not AIS Compliant	191.00	22,920.00
4	8" Wide Range DI Pipe Coupling (8.54"-9.84") or wider range	15	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX309840000000 Not AIS Compliant	216.00	3,240.00
5	10" Wide Range DI Pipe Coupling (10.70"-12.00") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX311840000000 Not AIS Compliant	278.00	834.00
6	10" Wide Range DI Pipe Coupling (10.96-12.26") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX312260000000 Not AIS Compliant	300.00	900.00
7	12" Wide Range DI Pipe Coupling (12.40"-13.66") or wider range	15	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX313660000000 Not AIS Compliant	328.00	4,920.00
8	12" Wide Range DI Pipe Coupling (13.15"-14.41") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	TPS TX314450000000 Not AIS Compliant	401.00	2,005.00
9	Wide Range DI Pipe Reducer (4"-3")	5	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Not Available		Not Available
10	Wide Range DI Pipe Reducer (6"-4")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Not Available		Not Available
11	Wide Range DI Pipe Reducer (8"-6")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	Not Available		Not Available
							Price Total for Group # 1:	$ 36,104.00
	Group # 2, Wide Range Duticle Iron Pipe Couplings over 12" (groups must be won entirely)							
	MUST BE AWWA C219, NSF61, NSF372							
12	16" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	421-16001785-031 Not AIS Compliant	$ 896.97	$ 1,793.94
13	20" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			No Bid
14	24" Wide Range DI Pipe Coupling (24.60"-26.70")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	421-24002632-031 Not Ais Compliant	$1,181.35	2,362.70
15	30" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			No Bid
16	36" Wide Range DI Pipe Coupling (37.90"-40.00")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			No Bid
17	42" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			No Bid
18	48" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred			No Bid
							Price Total for Group # 2:	$ 4,145.64
	Group # 3, Stainless Steel Repair Clamps (Groups Must Be Won Entirely)							
19	1/2" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-084-6R		No Bid
20	3/4" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-105-6R		No Bid
21	1" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-132-6R		No Bid
22	1.5" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-190-6R		No Bid
23	2" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-7.5		No Bid
24	2" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-12.5		No Bid

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
85	20" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC4		No Bid
86	20" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC6		No Bid
87	20" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC7		No Bid
88	24" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC3		No Bid
89	24" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC4		No Bid
90	24" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC6		No Bid
91	24" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC7		No Bid
92	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-730-6		No Bid
93	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-6		No Bid
94	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-8		No Bid
							Price Total for Group # 4:	No Bid

Group # 5, Ductile Iron Pipe; 4"-12" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

95	4" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	4" TJ, CL-52, DI Pipe	$ 386.32	$ 1,931.60
96	6" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	6" TJ, CL-52, DI Pipe	295.41	14,770.50
97	8" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	8" TJ, CL-52, DI Pipe	416.77	20,838.50
98	10" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	10" TJ, CL-52, DI Pipe	549.03	1,098.06
99	12" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	12" TJ, CL-52, DI Pipe	687.80	34,390.00
							Price Total for Group # 5:	$ 73,028.66

Group # 6, Ductile Iron Pipe; 16"-60" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

100	16" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	16" TJ, CL-52, DI Pipe	$ 995.41	$ 4,977.03
101	20" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	20" TJ, CL-52, DI Pipe	1,306.95	6,534.75
102	24"Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	24" TJ, CL-52, DI Pipe	1,630.31	8,151.55
103	30" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	30" TJ, CL-52, DI Pipe	2,326.88	4,653.76
104	36" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	36" TJ, CL-52, DI Pipe	3,135.59	6,271.18
105	42" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	42" TJ, CL-52, DI Pipe	No Bid	No Bid
106	48" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	48" TJ, CL-52, DI Pipe	No Bid	No Bid
							Price Total for Group # 6:	$ 30,588.27

Group # 7, Bell Joint Leak Clamps, 4"-12" (groups must be won entirely)

107	Bell Joint Leak Clamps (4")	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-		No Bid
108	Bell Joint Leak Clamps (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-710		No Bid

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
109	Bell Joint Leak Clamps (8")	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-930		No Bid
110	Bell Joint Leak Clamps (10")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1140		No Bid
111	Bell Joint Leak Clamps (12")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FBC-1350		No Bid
							Price Total for Group # 8:	No Bid

Group # 8, Bell Joint Leak Clamps, 16"-60" (groups must be won entirely)

112	Bell Joint Leak Clamps (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 16"		No Bid
113	Bell Joint Leak Clamps (20")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 20"		No Bid
114	Bell Joint Leak Clamps (24")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 24"		No Bid
115	Bell Joint Leak Clamps (36")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 36"		No Bid
116	Bell Joint Leak Clamps (42")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 42"		No Bid
117	Bell Joint Leak Clamps (48")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	274, 48"		No Bid
							Price Total for Group # 9:	No Bid

Group # 9, MJ Glands, & Gasket Kits, 4"-12" (groups must be won entirely)

118	4" MJ Gland	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	$ 11.00	$ 66.00
119	6" MJ Gland	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	11.00	330.00
120	6" Oversized MJ Gland	50	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	11.00	550.00
121	8" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	14.00	140.00
122	10" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	20.00	80.00
123	12" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	21.00	210.00
124	4" MJ Blue Bolt & Gasket Kit	15	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	12.00	180.00
125	6" MJ Blue Bolt & Gasket Kit	150	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	17.00	2,550.00
126	8" MJ Blue Bolt & Gasket Kit	20	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	18.00	360.00
127	10" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	22.00	132.00
128	12" MJ Blue Bolt & Gasket Kit	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Sigma	24.00	720.00
							Price Total for Group # 10:	$ 5,318.00

Group # 10, MJ Glands, & Gasket Kits, 16"-48" (groups must be won entirely)

129	16" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
130	20" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
131	24" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
132	30" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
133	36" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
134	42" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
135	48" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
136	16" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
137	20" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
138	24" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
139	30" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
140	36" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
141	42" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
142	48" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford			No Bid
							Price Total for Group # 11:	No Bid
	Group # 11, Restraint Glands, 4"-12" (groups must be won entirely)							
143	4" Restraint Glands	8	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1104	$ 19.25	$ 154.00
144	6" Restraint Glands	100	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1106	22.50	2,250.00
145	8" Restraint Glands	10	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1108	34.50	345.00
146	10" Restraint Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1110	51.00	204.00
147	12" Restraint Glands	30	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1112	74.25	2,227.50
							Price Total for Group # 12:	$ 5,180.50
	Group # 12, Restraint Glands, 16"-48" (groups must be won entirely)							
148	16" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1116	$ 131.00	$ 524.00
149	20" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1120	229.00	916.00
150	24" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1124	319.00	1,276.00
151	30" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1130	714.00	1,428.00
152	36" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1136	919.00	1,838.00
153	42" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1142	1,559.00	3,118.00
154	48" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	Star, Megalug, Ford	Ebaa 1148	1,998.00	3,996.00
							Price Total for Group # 13:	$ 13,096.00
	Group # 13, Ductile Iron Pipe Tee's, Cross's, Bends & Reducers Mechanical Joint (groups must be won entirely)							
	MUST BE AWWA C153							
155	DI Pipe 12X6X12X6 CROSS (12" straight through x 6" straight through)	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMC126	$ 437.00	$ 1,311.00
156	DI Pipe 12X8X12X8 CROSS (12" straight through x 8" straight through)	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMC128	470.00	940.00
157	DI Pipe 12X12X12 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT1212	527.00	1,581.00
158	DI Pipe 12X12X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT128	400.00	800.00
159	DI Pipe 12X12X6 TEE	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT126	378.00	1,134.00
160	DI Pipe 10X10X8 TEE	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT108	368.00	368.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
161	DI Pipe 8X8X8 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT88	$ 239.00	$ 478.00
162	DI Pipe 6X6X6X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMC66	251.00	502.00
163	DI Pipe 8X6X8X6 CROSS	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMC86	310.00	620.00
164	DI Pipe 6X6X6 TEE	12	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT66	160.00	1,920.00
165	DI Pipe 6X6X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT64	144.00	288.00
166	DI Pipe 8X8X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT84	165.00	330.00
167	DI Pipe 4X4X4 TEE	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMT44	94.00	188.00
168	DI Pipe 12X12 90 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1290	410.00	1,230.00
169	DI Pipe 12X12 45 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1245	325.00	975.00
170	DI Pipe 12X12 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1222	276.00	552.00
171	DI Pipe 12X12 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1211	261.00	522.00
172	DI Pipe 10X10 90 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1090	282.00	282.00
173	DI Pipe 10X10 45 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1045	187.00	187.00
174	DI Pipe 10X10 22.5 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1022	181.00	181.00
175	DI Pipe 10X10 11.25 BEND	1	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB1011	189.00	189.00
176	DI Pipe 8X8 90 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB890	162.00	648.00
177	DI Pipe 8X8 45 BEND	4	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB845	130.00	520.00
178	DI Pipe 8X8 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB822	127.00	254.00
179	DI Pipe 8X8 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB811	116.00	232.00
180	DI Pipe 6X6 90 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB690	111.00	666.00
181	DI Pipe 6X6 45 BEND	6	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB645	92.00	552.00
182	DI Pipe 6X6 22.5 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB622	83.00	249.00
183	DI Pipe 6X6 11.25 BEND	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB611	85.00	255.00
184	DI Pipe 4X4 90 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB490	70.00	140.00
185	DI Pipe 4X4 45 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB445	58.00	116.00
186	DI Pipe 4X4 22.5 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB422	56.00	112.00
187	DI Pipe 4X4 11.25 BEND	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMB411	50.00	100.00
188	DI Pipe 12X10 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMR1210	200.00	400.00
189	DI Pipe 12X8 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMR128	208.00	416.00
190	DI Pipe 12X6 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMR126	204.00	408.00
191	DI Pipe 8x4 Reducer	2	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	D-DMR84	99.00	198.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
							Price Total for Group # 14:	$ 19,844.00
	Group # 14, Valve Boxes, Caps & Risers (groups must be won entirely)							
192	Valve boxes, 3-piece, (top,bottom & cap); Screw Type, heavy-duty, AIS Certified, w/ drop in "Water" lid, 5-1/4" x 27" VB Top, 5-1/4" x 36" VB Bottom	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 85503860	$ 158.00	$ 23,700.00
193	Valve Box Caps, (Caps only; same as caps included with item # 203	300	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 06800001	17.00	5,100.00
194	5-1/4" x 1" VB drop in riser	150	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 85008010	23.00	3,450.00
195	5-1/4" x 2" VB drop in reser	200	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 85008020	31.00	6,200.00
196	5-1/4" x 4" VB drop in riser	40	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 85008040	48.00	1,920.00
197	5-1/4" x 6" VB drop in riser	15	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	EJ 85008060	63.00	945.00
198	5-1/4" x 12" VB drop in riser	10	EACH	BRAND NAME OR APPROVED EQUAL	Tyler-Union, biby	BT VUL5AR412S	49.00	490.00
							Price Total for Group # 15:	$ 41,805.00
	Group # 15, Gate Valves (4"- 12") (groups must be won entirely)							
	MUST BE AWWA C515							
199	4" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	$ 489.00	$ 1,467.00
200	6" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	30	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	624.00	18,720.00
201	8" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	3	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	994.00	2,982.00
202	10" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	2	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	1,549.00	3,098.00
203	12" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	1,959.00	11,754.00
204	16" Gate Valve; AIS Certified; DI RS Gate valves, Bronze stem, SS nuts & bolts, MJ x MJ, Open Right (red nut)	6	EACH	BRAND NAME OR APPROVED EQUAL	Kennedy, Mueller, Clow, AVC	Clow F6100	6,519.00	39,114.00
							Price Total for Group # 16:	$ 77,135.00
	Group # 16, Butterfly Valves (16"- 48") (groups must be won entirely)							
	MUST BE AWWA C504 MJ ENDS 150B							
205	Valves; AIS Certified, Cast Iron, MJ, Open Right (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	$ 2,669.00	$ 5,338.00
206	Valves; AIS Certified, Cast Iron, MJ, Open Right (20")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	3,999.00	3,999.00
207	Valves; AIS Certified, Cast Iron, MJ, Open Right (24")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	6,414.00	6,414.00
208	Valves; AIS Certified, Cast Iron, MJ, Open Right (32")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	15,249.00	15,249.00
209	Valves; AIS Certified, Cast Iron, MJ, Open Right (36")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	18,019.00	18,019.00
210	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (42")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	23,549.00	23,549.00
211	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (48")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	Pratt Groundhog	29,789.00	29,789.00
							Price Total for Group # 17:	$ 102,357.00
	Group # 17, Brass Service Fittings (groups must be won entirely)							

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
	MUST BE AWWA C800, NSF/ANSI 372							
212	90°; 3/4" Fem. Copper x 3/4" CTS	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-33S-NL	$ 24.85	$ 2,485.00
213	Ball Valve; 3/4" CTS x 3/4" CTS	75	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-NL	54.65	4,098.75
214	3/4" CC Tap. Thread x 3/4" Flare Copper	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-3-NL	25.10	1,255.00
215	90°; RC 1; 5/8" Meter Nut x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L34-13-NL	15.40	616.00
216	90°; 3/4" Fem. Thread x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-33S-NL	19.00	760.00
217	5/8" XS LP OR 3/4" PEP x 3/4" CTS PC	35	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-23-NL	18.00	630.00
218	1/2" Female Wiped Lead x 3/4" Flare Copper	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-13-NL	13.35	400.50
219	1/2" XXS LP OR 5/8" S LP x 3/4" MIPT	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-23, Q38-13	21.05	631.50
220	3/4" CTS QJ x 3/4" QJ	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-33-Q-NL	15.05	301.00
221	5/8" XXS LP x 3/4" MIPT	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-33-NL, Q38-23-NL	22.25	333.75
222	Ball Valve; 3/4" CTS x 3/4" FIPT	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-333-Q-NL	48.00	576.00
223	5/8" Female Wiped Lead x 3/4" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-23-NL	15.30	183.60
224	1" CC Tap. Thread x 1" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	F600-4-NL	38.35	460.20
225	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-333-SW	65.60	656.00
226	Curb Stop; 3/4" CTS x 3/4" CTS	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	BC44-333-SW-NL	No Bid	No Bid
227	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-6-NL	117.65	1,176.50
228	2" CC Tap. Thread x 2" Flare Copper	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	FB600-7-NL	205.50	2,055.00
229	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L04-44S	33.85	338.50
230	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L104-44S	27.40	274.00
231	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-33-NL	31.55	315.50
232	Curb Stop; Ball Valve; 1" CTS x 1" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-Q-NL	82.15	657.20
233	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-44	17.25	138.00
234	PJC; 1-1/2" CTS x 2" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-67-NL	62.80	502.40
235	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L44-33-Q	19.45	155.60
236	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-33	28.45	227.60
237	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-43	48.90	391.20
238	3/4" Female Wiped Lead x 3/4" Flare Copper	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-33-NL	14.40	86.40
239	1/2" XX SLP OR 5/8" Strong x 3/4" CTS	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-23/Q34-13	25.40	152.40
240	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q14-44	51.45	308.70
241	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-33	22.85	137.10

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
242	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-43	47.55	285.30
243	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-666	135.10	540.40
244	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B11-777	197.60	790.40
245	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-444	73.70	294.80
246	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666	160.45	641.80
247	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-666-SW	No Bid	No Bid
248	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B41-777	223.10	892.40
249	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-444-SW	87.45	349.80
250	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-666	196.55	786.20
251	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	B44-777	276.30	1,105.20
252	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C01-77	55.35	221.40
253	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-45	22.55	90.20
254	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-66	44.60	178.40
255	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-77	84.00	336.00
256	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C21-78	No Bid	No Bid
257	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34	17.50	70.00
258	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-34-Q	17.50	70.00
259	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-55	29.75	119.00
260	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-56	47.75	191.00
261	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-66	57.65	230.60
262	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C44-77	77.90	311.60
263	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C46-44	27.20	108.80
264	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C66-55	53.15	212.60
265	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-11	12.00	48.00
266	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-33	12.40	49.60
267	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-43	13.55	54.20
268	1" MIPT x 1" CTS	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-44	14.65	58.60
269	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-55	28.05	112.20
270	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-66	40.15	160.60
271	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C84-77	58.50	234.00
272	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-33	16.40	65.60

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
273	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-44	23.80	95.20
274	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-54	32.05	128.20
275	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-55	36.05	144.20
276	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-65	40.50	162.00
277	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-66	56.45	225.80
278	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C86-77	89.70	358.80
279	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	C102-44	24.60	98.40
280	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	L84-44-Q	22.55	90.20
281	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-33	16.30	65.20
282	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-44S	31.60	126.40
283	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-66	110.70	442.80
284	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	LA04-77	156.70	626.80
285	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q18-44	156.70	626.80
286	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-44	40.10	160.40
287	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-56	50.35	201.40
288	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-66	68.95	275.80
289	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q24-77	81.15	324.60
290	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q26-66	131.10	524.40
291	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-44	81.90	327.60
292	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-66	33.10	132.40
293	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q28-77	56.45	225.80
294	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q34-44	112.30	449.20
295	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-33	46.15	184.60
296	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q38-44	26.70	106.80
297	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Q84-33LL	No Bid	No Bid
298	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	T444-444	39.00	156.00
299	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford, McDonald	Z44-111	No Bid	No Bid
300	2" CTS x 2" FNPT with Swivel	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74779Q	103.60	414.40
301	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	74776S	No Bid	No Bid
302	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	708-5949-Y	No Bid	No Bid
							Price Total for Group # 18:	$ 35,586.30

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
357	Stop Nut OR 1"-8	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41994		No Bid
358	Coupling Nut 1/2"-20	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41973		No Bid
359	Coupling Stud 1/2"-20 x 2-9/16"	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41972		No Bid
360	Nozzle Section Bushing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41968		No Bid
361	Thrust Ring (Starting Jan. 1970)	20	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41982		No Bid
362	Upper Standpipe Gasket	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41996		No Bid
363	Pipe Plug 1/4" NPT	2	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42017		No Bid
364	Breakable Flange	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42002		No Bid
365	O-Ring (pumper)	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-2		No Bid
366	Pumper Nozzle Retainer	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42015-1		No Bid
367	O-Ring (hose nozzle)	30	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014-1		No Bid
368	Hose Nozzle Retainer	4	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	42014		No Bid
							Price Total for Group # 22:	No Bid

Group # 22, Eddy Fire Hydrant Parts (groups must be won entirely)

369	Hold Down Bolt	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388	$ 5.16	$ 51.60
370	Operating Nut O.R.	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-02	21.40	1,070.00
371	Packing Nut	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-03	42.80	1,284.00
372	Packing	60	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-04	14.75	885.00
373	Cover	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-05	284.75	854.25
374	Swivel Ring	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-07	73.05	292.20
375	Nozzle Section	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42381	799.00	3,196.00
376	Pumper Nozzle	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42372	222.00	2,220.00
377	Pumper Nozzle Cap	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-09	154.00	2,310.00
378	Pumper Cap Washer	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-10	4.45	66.75
379	Flange Bolts & Nuts	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-3	4.35	217.50
380	Flange Gaskets	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-11	4.45	133.50
381	Hose Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-12	0.75	22.50
382	Pumper Nozzle O-Ring	30	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-121	3.70	111.00
383	2.5" Hose Nozzle	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373	102.00	1,530.00
384	2.5" Hose Nozzle Cap	40	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-13	64.25	2,570.00
385	2.5" Hose Cap Washer	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42373-1	1.50	30.00

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
386	Upper Stem	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-14	$ 239.00	$ 717.00
387	Valve Plate	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-16	203.00	2,030.00
388	O-Ring	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-17	2.95	59.00
389	Valve Rubber	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42378	53.10	531.00
390	Seat Ring	6	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-18	66.40	398.40
391	Throttling Ring	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-19	203.00	609.00
392	Thrust Washer	20	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-20	18.50	370.00
393	Snap Ring	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-21	8.85	132.75
394	Lower Stem	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42387	205.00	1,025.00
395	Stem Wedge (only if they are still available)	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-22	13.95	209.25
396	Stem Wedge Screw	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-23	1.75	26.25
397	Lock Nut	50	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-24	5.20	260.00
398	Drain Spool	8	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-25	33.95	271.60
399	Drain Lever	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376	41.30	413.00
400	Lever Pin	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-26	5.20	52.00
401	Clevis & Nut	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-27	33.95	509.25
402	Drain Support	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-28	83.40	417.00
403	Drain Rod	3	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-29	110.00	330.00
404	Drain Valve Backer	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-30	5.20	26.00
405	Drain Valve Rubber	10	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-31	5.20	52.00
406	Drain Cup	4	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-32	33.25	133.00
407	Retaining Nut	15	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-33	5.20	78.00
408	Bottom B & N	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-34	33.25	66.50
409	Bottom Gasket	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-35	2.95	5.90
410	Bottom	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42363	910.00	1,820.00
411	Stem Nut Clip	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-37	2.25	4.50
412	Bottom Nut O.R.	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-39	59.75	119.50
413	Stem Coupling	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-1	79.70	398.50
414	Stem Coupling Pin	5	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42376-2	3.70	18.50
415	Middle Stem	2	EACH	BRAND NAME OR APPROVED EQUAL	Eddy F-2640 Fire Hydrant Parts	42388-36	43.50	87.00
							Price Total for Group # 23:	$ 28,014.20

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
							Price Total for Group # 28:	No Bid
	Group # 28, Rock Salt (groups must be won entirely)							
436	50-lb Bags Rock Salt	80	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
							Price Total for Group # 29:	No Bid
	Group # 29, Grass Seed (groups must be won entirely)							
437	50-lb Bags Grass Seed Blend, Minimum 51% Perennial Mix	30	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
438	50-lb Bags Grass Seed Blend "DOT General Roadside Seed Mixture" Fine Textured Grasses: 40% Boreal Creeping Red Fescue 18% Frontier Perennial Ryegrass 15% Banfield Perennial Ryegrass 10% Chewings Fescue Coarse Grasses: 11% Annual Ryegrass Legumes: 5% Medium Red Clover Inert Matter <2% Crop & Weed Seed <0.15% Minimum Germination Rate: >80%	10	EACH	BRAND NAME OR APPROVED EQUAL	North American Sourced Only, Product info required			No Bid
							Price Total for Group # 30:	No Bid
	Group # 30, Friction Clamps (groups must be won entirely)							
439	6" Friction Clamps	70	EACH	BRAND NAME OR APPROVED EQUAL	Product info required	Newman Fig 580	$ 21.25	$ 1,487.50
							Price Total for Group # 31:	$ 1,487.50

Albany Water Department: Section 2: Sewer Department Bid Items

	Group # 1, Manhole Frames, Covers & Catch Basins (groups must be won entirely)							
1	Manhole frame & covers, H20 loading, 24" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
2	Manhole frame & covers, H20 loading, 24" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
3	Manhole frame & covers, H20 loading, 30" clear opening, 4" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
4	Manhole frame & covers, H20 loading, 30" clear opening, 8" high	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
5	Catch basin frame & grates, bicycle safe, H20 loading, 24" x 24" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
6	Catch basin frame & grates, bicycle safe, H20 loading, 30" x 30" clear opening	15	each	BRAND NAME OR APPROVED EQUAL	Syracuse Castings, Neenah, East Jordan, (or AIS Certified)			No Bid
7	Precast concrete catch basin w/ knock out panels, 30"x30"x36" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
8	Precast concrete catch basin w/ knock out panels, 30"x30"x48" inside dimensions	4	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
							Price Total for Group # 1:	No Bid
	Group # 2, Bricks & Blocks (groups must be won entirely)							
9	4"x8"x16" solid concrete gray block	3600	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
10	2"x4"x8" solid concrete gray brick	2200	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
11	2"x4"x8" solid concrete red brick	500	each	BRAND NAME OR APPROVED EQUAL	-- North American Made Only --			No Bid
							Price Total for Group # 2:	No Bid

Albany Water Department 2019 Bid Sheet

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price

Albany Water Department; Section 1: T&D Bid Items

TI Sales

Group # 1, Wide Range Duticle Iron Pipe Couplings up to 12" (groups must be won entirely)

1	3" Wide Range DI Pipe Coupling (3.46"-4.33") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
2	4" Wide Range DI Pipe Coupling (4.25"-5.63") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
3	6" Wide Range DI Pipe Coupling (6.42"-7.68") or wider range	120	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
4	8" Wide Range DI Pipe Coupling (8.54"-9.84") or wider range	15	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
5	10" Wide Range DI Pipe Coupling (10.70"-12.00") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
6	10" Wide Range DI Pipe Coupling (10.96-12.26") or wider range	3	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
7	12" Wide Range DI Pipe Coupling (12.40"-13.66") or wider range	15	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
8	12" Wide Range DI Pipe Coupling (13.15"-14.41") or wider range	5	Each	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
9	Wide Range DI Pipe Reducer (4"-3")	5	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
10	Wide Range DI Pipe Reducer (6"-4")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
11	Wide Range DI Pipe Reducer (8"-6")	8	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
							Price Total for Group # 1:	No Bid

Group # 2, Wide Range Duticle Iron Pipe Couplings over 12" (groups must be won entirely)

MUST BE AWWA C219, NSF61, NSF372

12	16" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
13	20" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
14	24" Wide Range DI Pipe Coupling (24.60"-26.70")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
15	30" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
16	36" Wide Range DI Pipe Coupling (37.90"-40.00")	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
17	42" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
18	48" Wide Range DI Pipe Coupling	2	EACH	BRAND NAME OR APPROVED EQUAL	Hymax, Preferred	No Bid	No Bid	No Bid
							Price Total for Group # 2:	No Bid

Group # 3, Stainless Steel Repair Clamps (Groups Must Be Won Entirely)

FSC'S LISTED BELOW HAVE IMPORTED LUGS — AIS COMPLIANT THRU 2-24-20

19	1/2" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-084-6R	$25.87	$51.74
20	3/4" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-105-6R	$26.14	$52.28
21	1" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-132-6R	$26.33	$52.66
22	1.5" x 6" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FSC-190-6R	$27.14	$54.28
23	2" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-7.5	$37.66	$75.32
24	2" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-263-12.5	$53.68	$107.36

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
25	2.25"-2.5" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-7.5	$38.90	$77.80
26	2.25"-2.5" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-300-15	$70.66	$141.32
27	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-7.5	$42.88	$85.76
28	3" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-7.5	$42.88	$85.76
29	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-370-15	$76.00	$152.00
30	3" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-425-15	$76.00	$152.00
31	4" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-7.5	$45.11	$90.22
32	4" x 12.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-12.5	$72.20	$144.40
33	4" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-15	$78.53	$157.06
34	4" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-514-20	$127.49	$254.98
35	6" x 7.5" Stainless Steel Repair Clamp	50	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-7.5	$53.84	$2,692.00
36	6" x 12.5" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-12.5	$86.08	$1,721.60
37	6" x 15" Stainless Steel Repair Clamp	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-15	$95.20	$1,904.00
38	6" x 20" Stainless Steel Repair Clamp	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-20	$156.79	$470.37
39	6" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-724-30	$211.19	$422.38
40	8" x 7.5" Stainless Steel Repair Clamp	15	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-7.5	$63.14	$947.10
41	8" x 12.5" Stainless Steel Repair Clamp	8	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-12.5	$101.23	$809.84
42	8" x 15" Stainless Steel Repair Clamp	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-15	$115.71	$462.84
43	8" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-20	$169.40	$338.80
44	8" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-939-30	$247.71	$495.42
45	10" x 7.5" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-7.5	$87.92	$175.84
46	10" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-15	$158.82	$317.64
47	10" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-20	$212.09	$424.18
48	10" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1144-30	$355.18	$710.36
49	12" x 7.5" Stainless Steel Repair Clamp	6	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-7.5	$98.60	$591.60
50	12" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-15	$178.29	$356.58
51	12" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-20	$248.45	$496.90
52	12" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS1-1350-30	$387.80	$775.60
53	16" x 15" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-15	$378.94	$757.88
54	16" x 24" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-24	$648.61	$1,297.22
55	16" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-1830-30	$913.94	$1,827.88

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
56	20" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-20	$561.36	$1,122.72
57	20" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2280-30	$1,017.72	$2,035.44
58	24" x 20" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-20	$896.76	$1,793.52
59	24" x 30" Stainless Steel Repair Clamp	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	Ford FS3-2700-30	$1,512.98	$3,025.96
							Price Total for Group # 3:	$27,708.61

Group # 4, Service Saddles & Tapping Sleeves

AIS Compliant thru 2-24-20

60	4" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC3	$50.20	$200.80
61	4" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC4	$50.20	$100.40
62	4" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC6	$55.49	$110.98
63	4" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-526-CC7	$55.49	$110.98
64	6" Service Saddle with 3/4" Tap	30	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC3	$58.30	$1,749.00
65	6" Service Saddle with 1" Tap	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC4	$58.30	$291.50
66	6" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC6	$62.91	$125.82
67	6" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-760-CC7	$62.91	$125.82
68	8" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC3	$66.83	$267.32
69	8" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC4	$66.83	$133.66
70	8" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC6	$71.88	$143.76
71	8" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-905-CC7	$71.88	$143.76
72	10" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC3	$80.70	$161.40
73	10" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC4	$80.70	$161.40
74	10" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC6	$87.85	$175.70
75	10" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1212-CC7	$87.85	$175.70
76	12" Service Saddle with 3/4" Tap	4	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC3	$83.96	$335.84
77	12" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC4	$83.96	$167.92
78	12" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC6	$94.49	$188.98
79	12" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1480-CC7	$94.49	$188.98
80	16" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC3	$107.15	$214.30
81	16" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC4	$107.15	$214.30
82	16" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC6	$118.52	$237.04
83	16" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-1840-CC7	$118.52	$237.04
84	20" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC3	$136.30	$272.60

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
85	20" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC4	$136.30	$272.60
86	20" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC6	$162.86	$325.72
87	20" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2220-CC7	$162.86	$325.72
88	24" Service Saddle with 3/4" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC3	$152.12	$304.24
89	24" Service Saddle with 1" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC4	$152.12	$304.24
90	24" Service Saddle with 1.5" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC6	$169.74	$339.48
91	24" Service Saddle with 2" Tap	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FC202-2650-CC7	$169.74	$339.48
92	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-730-6	$475.42	$950.84
93	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-6	$610.74	$1,221.48
94	Tapping Saddles & Sleeves	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford	FAST-1350-8	$738.43	$1,476.86
							Price Total for Group # 4:	$12,095.66

Group # 5, Ductile Iron Pipe; 4"-12" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

95	4" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	4" TJ, CL-52, DI Pipe	No Bid	No Bid
96	6" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	6" TJ, CL-52, DI Pipe	No Bid	No Bid
97	8" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	8" TJ, CL-52, DI Pipe	No Bid	No Bid
98	10" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	10" TJ, CL-52, DI Pipe	No Bid	No Bid
99	12" Ductile Iron Pipe (18-20ft lengths)	50	EACH	BRAND NAME ONLY	US Pipe	12" TJ, CL-52, DI Pipe	No Bid	No Bid
							Price Total for Group # 5:	No Bid

Group # 6, Ductile Iron Pipe; 16"-60" Class-52 (groups must be won entirely)

MUST BE AWWA C151, PUSH ON TYPE JOINT

100	16" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	16" TJ, CL-52, DI Pipe	No Bid	No Bid
101	20" Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	20" TJ, CL-52, DI Pipe	No Bid	No Bid
102	24"Ductile Iron Pipe (18-20ft lengths)	5	EACH	BRAND NAME ONLY	US Pipe	24" TJ, CL-52, DI Pipe	No Bid	No Bid
103	30" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	30" TJ, CL-52, DI Pipe	No Bid	No Bid
104	36" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	36" TJ, CL-52, DI Pipe	No Bid	No Bid
105	42" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	42" TJ, CL-52, DI Pipe	No Bid	No Bid
106	48" Ductile Iron Pipe (18-20ft lengths)	2	EACH	BRAND NAME ONLY	US Pipe	48" TJ, CL-52, DI Pipe	No Bid	No Bid
							Price Total for Group # 6:	No Bid

Group # 7, Bell Joint Leak Clamps, 4"-12" (groups must be won entirely) **FORD FBC's are Import**

107	Bell Joint Leak Clamps (4")	5	EACH	BRAND NAME OR APPROVED EQUAL	Ford IMPORT	FBC-500	$108.98	$544.90

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
108	Bell Joint Leak Clamps (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Ford IMPORT	FBC-710	$77.72	$777.20
109	Bell Joint Leak Clamps (8")	3	EACH	BRAND NAME OR APPROVED EQUAL	Ford IMPORT	FBC-930	$107.51	$322.53
110	Bell Joint Leak Clamps (10")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford IMPORT	FBC-1140	$134.77	$269.54
111	Bell Joint Leak Clamps (12")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford IMPORT	FBC-1350	$146.19	$292.38
							Price Total for Group # 8:	$2,206.55

Group # 8, Bell Joint Leak Clamps, 16"-60" (groups must be won entirely) U denotes 100% Domestic

112	Bell Joint Leak Clamps (16")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-1740-U	$820.10	$1,640.20
113	Bell Joint Leak Clamps (20")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-2160-U	$910.78	$1,821.56
114	Bell Joint Leak Clamps (24")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-2580-U	$1,030.60	$2,061.20
115	Bell Joint Leak Clamps (36")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-3830-U	$1,256.85	$2,513.70
116	Bell Joint Leak Clamps (42")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-4450-U	$1,407.70	$2,815.40
117	Bell Joint Leak Clamps (48")	2	EACH	BRAND NAME OR APPROVED EQUAL	Ford DOMESTIC	FBCF-5080-U	$1,658.42	$3,316.84
							Price Total for Group # 9:	$14,168.90

Group # 9, MJ Glands, & Gasket Kits, 4"-12" (groups must be won entirely)

					MJAK LISTED BELOW WITH U ARE 100% DOMESTIC	UFR1400 LISTED BELOW WITH U ARE 100% AIS COMPLIANT		
118	4" MJ Gland	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-4-U	$26.70	$160.20
119	6" MJ Gland	30	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-6-U	$33.22	$996.60
120	6" Oversized MJ Gland	50	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-6-XL	$47.96	$2,398.00
121	8" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-8-U	$45.08	$450.80
122	10" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-10-U	$64.41	$257.64
123	12" MJ Gland	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-12-U	$86.34	$863.40
124	4" MJ Blue Bolt & Gasket Kit	15	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-4-BBN-U	$17.99	$269.85
125	6" MJ Blue Bolt & Gasket Kit	150	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-6-BBN-U	$35.65	$5,347.50
126	8" MJ Blue Bolt & Gasket Kit	20	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-8-BBN-U	$36.59	$731.80
127	10" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-10-BBN-U	$46.32	$277.92
128	12" MJ Blue Bolt & Gasket Kit	30	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-12-BBN-U	$48.13	$1,443.90
							Price Total for Group # 10:	$13,197.61

Group # 10, MJ Glands, & Gasket Kits, 16"-48" (groups must be won entirely)

					MJAK LISTED BELOW WITH U ARE 100% DOMESTIC	UFR1400 LISTED BELOW WITH U ARE 100% AIS COMPLIANT		
129	16" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-16-U	$157.56	$630.24
130	20" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-20-U	$258.56	$1,034.24
131	24" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-24-U	$356.96	$1,427.84

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
132	30" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-30-U	$766.16	$3,064.64
133	36" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-36-U	$943.02	$3,772.08
134	42" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-42-U	$1,468.12	$5,872.48
135	48" MJ Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-DA-48-U	$1,878.57	$7,514.28
136	16" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-16-BBN-U	$57.38	$344.28
137	20" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-20-BBN-U	$73.26	$439.56
138	24" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-24-BBN-U	$84.74	$508.44
139	30" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-30-BBN-U	$344.26	$2,065.56
140	36" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-36-BBN-U	$406.78	$2,440.68
141	42" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-42-BBN-U	$548.17	$3,289.02
142	48" MJ Blue Bolt & Gasket Kit	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	MJAK-48-BBN-U	$623.18	$3,739.08
							Price Total for Group # 11:	$36,142.42

Group # 11, Restraint Glands, 4"-12" (groups must be won entirely)

The uni flange listed below is AIS Compliant

143	4" Restraint Glands	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-4-U	$16.80	$134.40
144	6" Restraint Glands	100	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-6-U	$19.76	$1,976.00
145	8" Restraint Glands	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-8-U	$30.17	$301.70
146	10" Restraint Glands	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-10-U	$44.66	$178.64
147	12" Restraint Glands	30	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-12-U	$64.97	$1,949.10
							Price Total for Group # 12:	$4,539.84

Group # 12, Restraint Glands, 16"-48" (groups must be won entirely)

The uniflange listed below is AIS compliant

148	16" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-16-U	$126.54	$506.16
149	20" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-20-U	$222.28	$889.12
150	24" Restraint Gland	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-24-U	$308.69	$1,234.76
151	30" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-30-U	$661.51	$1,323.02
152	36" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-36-U	$853.01	$1,706.02
153	42" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-42-U	$1,366.87	$2,733.74
154	48" Restraint Gland	2	EACH	BRAND NAME OR APPROVED EQUAL	FORD	UFR1400-D-48-U	$1,781.76	$3,563.52
							Price Total for Group # 13:	$11,956.34

Group # 13, Ductile Iron Pipe Tee's, Cross's, Bends & Reducers Mechanical Joint (groups must be won entirely)

MUST BE AWWA C153

155	DI Pipe 12X6X12X6 CROSS (12" straight through x 6" straight through)	3	EACH	BRAND NAME OR APPROVED EQUAL	AIS Certified	No Bid	No Bid	No Bid

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
208	Valves; AIS Certified, Cast Iron, MJ, Open Right (32")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	No Bid	No Bid	No Bid
209	Valves; AIS Certified, Cast Iron, MJ, Open Right (36")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	No Bid	No Bid	No Bid
210	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (42")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	No Bid	No Bid	No Bid
211	Valves; AIS Certified, Cast Iron, MJ, Open LEFT (48")	1	EACH	BRAND NAME OR APPROVED EQUAL	Henry Pratt Groundhog	No Bid	No Bid	No Bid
							Price Total for Group # 17:	No Bid

Group # 17, Brass Service Fittings (groups must be won entirely)

MUST BE AWWA C800, NSF/ANSI 372

212	90°; 3/4" Fem. Copper x 3/4" CTS	100	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L04-33S-NL	$26.57	$2,657.00
213	Ball Valve; 3/4" CTS x 3/4" CTS	75	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-333-NL	$58.52	$4,389.00
214	3/4" CC Tap. Thread x 3/4" Flare Copper	50	EACH	BRAND NAME OR APPROVED EQUAL	FORD	F600-3-NL	$26.88	$1,344.00
215	90°; RC 1; 5/8" Meter Nut x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L34-13-NL	$16.43	$657.20
216	90°; 3/4" Fem. Thread x 3/4" CTS	40	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L104-33S-NL	$20.34	$813.60
217	5/8" XS LP OR 3/4" PEP x 3/4" CTS PC	35	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-23-NL	$19.33	$676.55
218	1/2" Female Wiped Lead x 3/4" Flare Copper	30	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C102-13-NL	$14.32	$429.60
219	1/2" XXS LP OR 5/8" S LP x 3/4" MIPT	30	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q18-23, Q38-13	$22.61	$678.30
220	3/4" CTS QJ x 3/4" QJ	20	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-33-Q-NL	$16.18	$323.60
221	5/8" XXS LP x 3/4" MIPT	15	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q18-33-NL, Q38-23-NL	$23.78	$356.70
222	Ball Valve; 3/4" CTS x 3/4" FIPT	12	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B41-333-Q-NL	$51.38	$616.56
223	5/8" Female Wiped Lead x 3/4" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C102-23-NL	$16.38	$196.56
224	1" CC Tap. Thread x 1" Flare Copper	12	EACH	BRAND NAME OR APPROVED EQUAL	FORD	F600-4-NL	$41.06	$492.72
225	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-333-SW	$70.18	$701.80
226	Curb Stop; 3/4" CTS x 3/4" CTS	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	BC44-333-SW-NL	$70.18	$701.80
227	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	FB600-6-NL	$126.00	$1,260.00
228	2" CC Tap. Thread x 2" Flare Copper	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	FB600-7-NL	$220.11	$2,201.10
229	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L04-44S	$36.24	$362.40
230	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L104-44S	$29.31	$293.10
231	Ford NL Brass Service Fittings	10	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-33-NL	$33.76	$337.60
232	Curb Stop; Ball Valve; 1" CTS x 1" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-444-Q-NL	$87.98	$703.84
233	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-44	$18.45	$147.60
234	PJC; 1-1/2" CTS x 2" CTS	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-67-NL	$67.29	$538.32
235	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L44-33-Q	$20.85	$166.80
236	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q34-33	$30.45	$243.60

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
237	Ford NL Brass Service Fittings	8	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-43	$52.33	$418.64
238	3/4" Female Wiped Lead x 3/4" Flare Copper	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C102-33-NL	$15.44	$92.64
239	1/2" XX SLP OR 5/8" Strong x 3/4" CTS	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q14-23/Q34-13	$27.33	$163.98
240	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q14-44	$55.39	$332.34
241	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q28-33	$24.57	$147.42
242	Ford NL Brass Service Fittings	6	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q34-43	$51.17	$307.02
243	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B11-666	$145.51	$582.04
244	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B11-777	$212.82	$851.28
245	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B41-444	$79.33	$317.32
246	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B41-666	$172.81	$691.24
247	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B41-666-SW	$208.23	$832.92
248	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B41-777	$240.26	$961.04
249	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-444-SW	$100.18	$400.72
250	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-666	$211.66	$846.64
251	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	B44-777	$297.57	$1,190.28
252	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C01-77	$59.61	$238.44
253	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C21-45	$22.15	$88.60
254	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C21-66	$48.02	$192.08
255	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C21-77	$90.85	$363.40
256	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C21-78	$124.30	$497.20
257	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-34	$18.79	$75.16
258	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-34-Q	$18.79	$75.16
259	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-55	$31.96	$127.84
260	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-56	$51.23	$204.92
261	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-66	$61.93	$247.72
262	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C44-77	$83.59	$334.36
263	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C46-44	$29.21	$116.84
264	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C66-55	$57.08	$228.32
265	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-11	$12.91	$51.64
266	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-33	$13.28	$53.12
267	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-43	$14.51	$58.04

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
268	1" MIPT x 1" CTS	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-44	$15.73	$62.92
269	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-55	$30.07	$120.28
270	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-66	$43.09	$172.36
271	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C84-77	$62.79	$251.16
272	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-33	$17.58	$70.32
273	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-44	$25.63	$102.52
274	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-54	$34.44	$137.76
275	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-55	$38.84	$155.36
276	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-65	$43.58	$174.32
277	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-66	$60.78	$243.12
278	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C86-77	$96.55	$386.20
279	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	C102-44	$26.49	$105.96
280	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L84-44-Q	$24.27	$97.08
281	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	LA04-33	$17.50	$70.00
282	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	LA04-44S	$34.00	$136.00
283	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	LA04-66	$70.06	$280.24
284	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	LA04-77	$107.32	$429.28
285	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q18-44	$43.16	$172.64
286	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-44	$54.17	$216.68
287	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-56	$74.27	$297.08
288	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-66	$87.41	$349.64
289	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q24-77	$141.18	$564.72
290	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q26-66	$88.18	$352.72
291	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q28-44	$35.45	$141.80
292	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q28-66	$60.45	$241.80
293	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q28-77	$120.27	$481.08
294	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q34-44	$49.41	$197.64
295	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q38-33	$28.56	$114.24
296	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Q38-44	$40.00	$160.00
297	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L84-33-NL PER TYLER	$14.51	$58.04
298	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	T444-444	$41.78	$167.12

Bid Item #	Description	Quantity	U/M	Brand Pref	Mfr Name*	Mfr/Model or Part No.*	Price Each	Extened Price
299	Ford NL Brass Service Fittings	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	Z44-111	$35.99	$143.96
300	2" CTS x 2" FNPT with Swivel	4	EACH	BRAND NAME OR APPROVED EQUAL	FORD	L21-77-NL ALT	$125.48	$501.92
301	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	VOIDED PER TYLER	Voided per Tyler	Voided per Tyler
302	McDonald Brass Fitting	4	EACH	BRAND NAME OR APPROVED EQUAL	McDonald, Ford	VOIDED PER TYLER	Voided per Tyler	Voided per Tyler
							Price Total for Group # 18:	$39,533.67

Group # 18, Curb Boxes, Caps & Risers (groups must be won entirely)

303	Curb boxes, caps & Stainless steel risers, Arch pattern, 1" upper, Type HS-LID, #EA1-55-40-42R-SS, Curb Box lids only, HS-LID (Max lid OD 3-3/4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford,Mueller	NO BID	NO BID	NO BID
304	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (4")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	NO BID	NO BID	NO BID
305	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (8")	150	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	NO BID	NO BID	NO BID
306	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (12")	100	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	NO BID	NO BID	NO BID
307	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (18")	20	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	NO BID	NO BID	NO BID
308	Curb Box extensions, 2-screw extensions for 1" upper type HS-LID Curb boxes (24")	12	EACH	BRAND NAME OR APPROVED EQUAL	Ford, Mueller	NO BID	NO BID	NO BID
							Price Total for Group # 19:	NO BID

Group # 19, Waterous Hydrant, misc. parts (groups must be won entirely)

309	5-1/4 pacer extension kit (6")	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
310	5-1/4 pacer extension kit (12")	15	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
311	5-1/4 pacer extension kit (18")	12	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
312	5-1/4 pacer extension kit (24")	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
313	Waterous Breakoff Section Replacement Kit K525 (pre 1980)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
314	Waterous Traffic/Break Repair Kit (post 1980 Waterous Hydrants)	8	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	NO BID	NO BID	NO BID
							Price Total for Group # 20:	NO BID

Group # 20, Rolled "K" Copper (groups must be won entirely)

MUST BE AWWA C800, NSF/ANSI 372

315	Rolled "K" copper; 3/4"; 50ft rolls	20	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	No Bid	No Bid	No Bid
316	Rolled "K" copper; 1"; 50ft rolls	8	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	No Bid	No Bid	No Bid
317	Rolled "K" copper; 1-1/2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	No Bid	No Bid	No Bid
318	Rolled "K" copper; 2"; 50ft rolls	5	EACH	BRAND NAME OR APPROVED EQUAL	- North American Made Only -	No Bid	No Bid	No Bid
							Price Total for Group # 21:	No Bid

Group # 21, Waterous Fire Hydrant Parts (groups must be won entirely)

319	O-Ring Packing	10	EACH	BRAND NAME OR APPROVED EQUAL	Waterous Pacer WB-67-250 parts	41958	No Bid	No Bid

November 19, 2019

Mr. Milano offered the following:

Resolved, that the bid of the following named bidder be accepted and the contract awarded to them, at and for the prices specified in their proposal, they being the lowest qualified bidder and theirs being the lowest qualified bid, and that the Mayor be authorized to sign the contract on behalf of the City and affix its seal thereto.

Project: Maintenance Contract for Overhead Door Repairs
for Various City Owned Buildings
City of Albany, New York

Bidder: All Type Professional Door Service, Inc.
400 North Pearl Street
Albany, New York 12207

Bid Amount: $ 40,625.00

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

The following resolution was offered on behalf of the Albany Water Board:

RESOLVED, that the contract for the Maintenance of HVAC & Temperature Control Repairs be awarded to James D. Warren & Son, Inc. for the prices listed in their bid of November 5, 2019; base bid: $10,530.

J.D. Warren
69 Fourth Avenue
Albany, NY 12202

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

The following resolution was offered on behalf of the Albany Water Board:

RESOLVED, that the Albany Water Board authorizes Change Order #1 (Final) to the 2019 Cured In Place Pipelining Project with Kenyon Pipeline Inspection, LLC in The Amount of $174,722.04. New Contract Amount is $488,322.04.

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

November 19, 2019

The following resolution was offered on behalf of the Albany Water Board:

RESOLVED, that the Albany Water Board authorizes Change Order #5 to the Tivoli Preserve Stream Daylighting Project with Wm. J. Keller & Sons Construction Corp. in the amount of $286,434.28. The contract allowance has been encumbered by an additional $19,514.25 and the contract value increased by $266,920.05 to a new contract value of $3,033,475.05. Contract completion date remains December 2, 2019.

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

Tuesday, November 19, 2019

Mr. Milano offered the following:

Resolved, that in accordance with the existing contract provisions of City Contract No. 8992 that the following named contract be extended for one-year, at and for the prices and terms specified in the existing contract. The new contract completion date will be December 31, 2020.

Project Title: Maintenance Contract – Elevator Repairs for Various City Owned Buildings - DGS Division of Engineering

Bidder: Albany Elevator, Inc.
438 North Pearl Street
Albany, NY 12207

Amount: $49,920.00

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0

Tuesday, November 19, 2019

Mr. Milano offered the following:

Resolved, that in accordance with the existing contract provisions of City Contract No. 8990 that the following named contract be extended for one-year, at and for the prices and terms specified in the existing contract. The new contract completion date will be December 31, 2020.

Project Title: Maintenance Contract – Lock Smith Services for Various City Owned Buildings - DGS Division of Engineering

Bidder: Center for Security, LLC
1659 Route 9
Clifton Park, NY 12065

Amount: $16,625.00

Adopted by the following vote
Wheeler
Shahinfar
Milano
Kelly
DiLillo
Affirmative 5 Negative 0