

PROPOSAL SUBMITTED BY:

WATER PRODUCTS COMPANY  
Contractor's Name

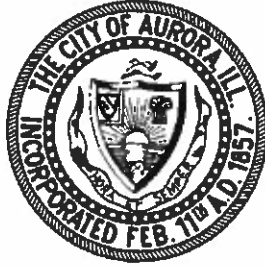
3255 E. NEW YORK ST  
Street

AURORA  
City

50  
P.O. Box

IL  
State

60504  
Zip Code



CITY OF AURORA  
KANE COUNTY  
STATE OF ILLINOIS

Request for Quotations For

2019 Water & Sewer Division Materials and Supplies  
Bid 18-67

PROPOSALS DUE  
November 14, 2018

PREPARED BY  
CITY OF AURORA  
DIVISION of ENGINEERING  
44 EAST DOWNER PLACE  
AURORA, ILLINOIS 60507

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**City of Aurora  
Bid 18-67  
NOTICE TO BIDDERS**

Sealed quotations for the materials and supplies described below will be received at the office of Purchasing, 44 E. Downer Place, Aurora, IL 60507 until 2:00 o'clock P.M., November 14, 2018. Quotes will not be opened publicly.

**Description of Work**

**Name:** 2019 Water & Sewer Division Materials and Supplies

**Proposed Improvement:** The City of Aurora is requesting quotations for the anticipated purchase of certain materials and supplies to be used by the Water & Sewer Maintenance Division during 2019.

**Bidders Instructions:**

1. Specifications and other pertinent documents may be obtained at the Purchasing Office, 44 East Downer Place, Aurora, Illinois 60507 during normal business hours, by calling 630-256-3550 or online at <https://www.aurora-il.org/bids.aspx>.
2. The City of Aurora reserves the right to reject any or all of the bids and to waive any and all irregularities and technicalities whenever such rejection is in the best interest of the City of Aurora.
3. All bid items will be evaluated separately and the supplier for each bid item will be chosen based on cost and availability of the item at the time of need.
4. Minority Participation: The City of Aurora encourages minority business firms to submit proposals and encourages successful contract bidder to utilize minority businesses as sub-contractors for supplies, equipment, services and construction.
5. Any bidder who owes the City money may be disqualified at the City's discretion.
6. **The City of Aurora has a local preference ordinance that would apply to this contract.**

By Order of  
City Clerk  
City of Aurora

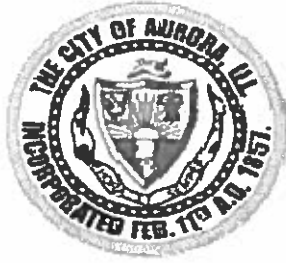
## PROPOSAL

TO: THE OFFICE OF THE CITY CLERK  
CITY OF AURORA  
44 EAST DOWNER PLACE  
AURORA, ILLINOIS 60507

1. Proposal of WATER PRODUCTS COMPANY  
for the improvement known as the **2019 Water & Sewer Division Materials and Supplies.**
2. The plans and specifications for the proposed improvements are those prepared by the City of Aurora Engineering Division and approved by the City Council of Aurora, Illinois.
3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein, and that the proposal is made without collusion with any person, firm, or corporation.
4. The undersigned further declares that he has carefully examined the proposals, plans, specifications, form of contract, and special provisions, if any, and that he has inspected in detail the site of the proposed work and that he has familiarized himself with all of the local conditions affecting the contract and detailed requirements of construction, and understands that in making this proposal he waives all right to plead any misunderstanding regarding the same.
5. The undersigned declares that he understands that the quantities mentioned are approximate only, and that they are subject to increase or decrease; that he will take in full payment therefore the amount of the summation of the actual quantities, as finally determined, multiplied by the unit prices shown in the schedule of prices contained herein.
6. The undersigned agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that resulting from the summation of the quantities multiplied by their respective unit prices, the latter shall apply.
7. The undersigned agrees that if the City decides to extend or shorten the improvement, or otherwise alter it by extras or deductions, including the elimination of any one or more of the items, as provided in the specifications, he will perform the work as altered, increased or decreased, at the contract unit prices without claim for profits lost as a result of any work or items eliminated by the City of Aurora.
8. The undersigned agrees that the Engineer may, at any time during the progress of the work covered by this contract, order other work or materials incidental thereto, and that all such work and materials as do not appear in the proposal or contract as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this contract, shall be performed as extra work, and that he will accept as full compensation therefore the actual cost plus ten percent (10%), the actual cost to be determined as provided for in the specifications.
9. The undersigned submits herewith his schedule of prices covering the work to be performed under this contract, he understands that he must show in the schedule the unit prices for which

he proposes to perform each item of work, that the extensions must be made by him, and that if not so done, his proposal may be rejected as irregular or non-responsive.

10. The City of Aurora reserves the right to reject any or all of the bids and to waive any and all irregularities and technicalities. The City of Aurora shall either award the project or reject the bids within Sixty (60) calendar days after the bid opening. This time frame may be extended upon mutual agreement of the City and the Bidder.
11. The undersigned of this proposal agrees that he or she has examined all sections of this Proposal, Specifications, and Bidding Documents and hereby understands and accepts the provisions for access, or the lack of access, to the construction site and shall claim no compensation other than the prices as bid for this condition of accessibility.
12. The undersigned agrees to indemnifying and saving harmless the City of Aurora, its officers, agents, employees, and servants by filing with the City, prior to the execution of the contract, copies of completed Certificates of Insurance satisfactory to the City, with the City of Aurora named as primary, non-contributory additional insured; automobile liability insurance covering owned, non-owned, and hired vehicles with limits of liability as stated in the attached Special Provisions.
13. No contract will be awarded to any bidder where that bidder or any principal or supervisory personnel of the bidder has been personally involved with another business that has been delinquent or unfaithful in any former contract with the City or where that bidder or any supervisory personnel of the bidder has been personally involved with another business that is a defaulter as surety or otherwise upon obligation to the City.
14. The entire set of specifications shall be submitted with each proposal.
15. **The City of Aurora has a local preference ordinance that would apply to this contract.** O18-070 approved August 28, 2018 defines "Local business" to mean a vendor or contractor who has a valid, verifiable physical business address located within the corporate boundaries of the City of Aurora at least twelve months prior to a bid or proposal opening date, from which the vendor, contractor or consultant operates or performs business on a daily basis, including manufacturing production or distribution. The business must disclose the percentage of workforce in the City of Aurora; be registered with the City of Aurora, if applicable; be subject to City of Aurora taxes (inclusive of sales taxes); be current with property tax payments and sales tax payments; not have any outside cited code violations; not have any outstanding debts to the City of Aurora; have adequately qualified and trained staff to service the bid of interest.
16. The undersigned submits herewith this **Schedule of Prices** covering the materials requested under this contract:

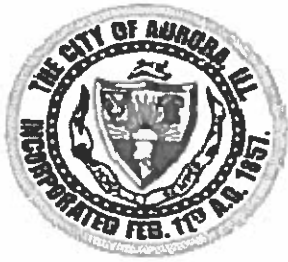


**Schedule of Prices**  
**City of Aurora Water & Sewer**  
**Maintenance Division**  
**2019 Materials and Supplies**  
**Bid 18-67**

RETURN WITH BID

(For complete information covering these items, see specifications)

NO.	ITEM	UNIT	UNIT COST
<b>Fire Hydrants &amp; Related Parts</b>			
1	Waterous Fire Hydrant Assembly, 4 1/2' Bury	EA	2350
2	Waterous Fire Hydrant Assembly, 5' Bury	EA	2369
3	Waterous Fire Hydrant Assembly, 5 1/2' Bury	EA	2420
4	Waterous Fire Hydrant Assembly, 6' Bury	EA	2475
5	Waterous Fire Hydrant Extension, 6"	EA	415
6	Waterous Fire Hydrant Extension, 12"	EA	488
7	Waterous Fire Hydrant Extension, 18"	EA	568
8	Waterous Fire Hydrant Extension, 24"	EA	642
9	Waterous Traffic Kit, Old Style (K525/10")	EA	274
10	Waterous Traffic Kit, New Style (K528/16")	EA	224
11	Waterous Hydrant Kit K834, Hydrant Head w/Traffic Kit	EA	2410
12	Waterous Hydrant Kit K836, Hydrant Head	EA	1315
13	Waterous Hydrant Part #60 (Hydrant Head)	EA	505
14	RoDon Hydra-Finder Hydrant Marker, 60"	EA	15.95
15	Valve Seat - #31	EA	359.40
16	Main Valve Rubber #35	EA	62.64
17	Breakable Flange #113	EA	50.90
18	Flange Lock Ring #64	EA	15.66
19	Coupling Sleeve (2 halves) #67	EA	27.41
20	Lower Operating Nut #17A	EA	64.99
21	Drain Plunger #7	EA	30.54
22	Nozzle - Hose #12	EA	108.05
23	Nozzle - Pumper #12	EA	306.94
24	Cap Gasket Hose #11	EA	8.61
25	Cap Gasket Pumper #11	EA	8.61
26	Nozzle Cap Hose #10	EA	90.83
27	Nozzle Cap Pumper #10	EA	156.60



Schedule of Prices  
 City of Aurora Water & Sewer  
 Maintenance Division  
 2019 Materials and Supplies  
 Bid 18-67

(For complete information covering these items, see specifications)

RETURN WITH BID

NO.	ITEM	UNIT	UNIT COST
28	O-Ring (Hose Nozzle) 3-1/4 X 3-5/8 #118	EA	8.61
29	O-Ring (Pumper Nozzle) 5-1/4 X 5-5/8 #116	EA	9.40
30	Hose Nozzle Retainer #119	EA	39.15
31	Pumper Nozzle Retainer #117	EA	50.90
32	Cap Gasket - Pumper #11	EA	8.61
33	Cap Gasket- Hose #11	EA	8.61
34	Nozzle Cap - Pumper #10	EA	156.60
<b>Valves and Related Parts</b>			
35	Clow Cutting in Valve, 2"	EA	-
36	Clow Cutting in Valve, 4"	EA	595
37	Clow Cutting in Valve, 6"	EA	810
38	Clow Cutting in Valve, 8"	EA	1255
39	Clow Cutting in Valve, 10"	EA	1855
40	Clow Cutting in Valve, 12"	EA	2340
41	American Flow Control Gate Valve, 2"	EA	261.40
42	American Flow Control Gate Valve, 4"	EA	413.55
43	American Flow Control Gate Valve, 6"	EA	528
44	American Flow Control Gate Valve, 8"	EA	840.25
45	American Flow Control Gate Valve, 10"	EA	1310
46	American Flow Control Gate Valve, 12"	EA	1658
47	American Flow Control Gate Valve, 14"	EA	5165
48	American Flow Control Gate Valve, 16"	EA	5165
49	Tyler Valve Box, 664-S Complete w/Lid	EA	169
50	Tyler Valve Box Extension, #58-A	EA	49
51	Tyler Valve Box Extension, #59-A	EA	59
52	Tyler Valve Box Extension, #60-A	EA	60
53	Tyler Valve Box Extension, #69A - 9"	EA	47
54	Tyler Valve Box Extension, #69A - 18" (Foreign OK)	EA	30



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City of Aurora Water & Sewer  
Maintenance Division  
2019 Materials and Supplies  
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NO.	ITEM	UNIT	UNIT COST
55	Tyler Valve Box Extension, #69A - 24" (Foreign OK)	EA	35
<b>Repair Parts and Fittings</b>			
56	4" Non-Shear Mission Coupling (Clay to Plastic)	EA	16
57	6" Non-Shear Mission Coupling (Clay to Plastic)	EA	26.25
58	8" Non-Shear Mission Coupling (Clay to Plastic)	EA	32.75
59	10" Non-Shear Mission Coupling (Clay to Plastic)	EA	45.50
60	12" Non-Shear Mission Coupling (Clay to Plastic)	EA	51.50
61	15" Non-Shear Mission Coupling (Clay to Plastic)	EA	82
62	4" Non-Shear Mission Coupling (Plastic to Plastic)	EA	15
63	6" Non-Shear Mission Coupling (Plastic to Plastic)	EA	21
64	8" Non-Shear Mission Coupling (Plastic to Plastic)	EA	26.75
65	10" Non-Shear Mission Coupling (Plastic to Plastic)	EA	44
66	12" Non-Shear Mission Coupling (Plastic to Plastic)	EA	50
67	15" Non-Shear Mission Coupling (Plastic to Plastic)	EA	140
68	2" x 8" Repair Clamp	EA	51
69	4" x 8" Repair Clamp	EA	65
70	6" x 8" Repair Clamp	EA	77.50
71	6" x 10" Repair Clamp	EA	101.50
72	6" x 12" Repair Clamp	EA	118.50
73	6" x 36" Repair Clamp	EA	497.35
74	8" x 8" Repair Clamp	EA	87.50
75	8" x 10" Repair Clamp	EA	115
76	8" x 12" Repair Clamp	EA	139
77	8" x 36" Repair Clamp	EA	530.70
78	10" x 10" Repair Clamp	EA	159.50
79	10" x 12" Repair Clamp	EA	191
80	12" x 12" Repair Clamp	EA	209.50
81	12" x 16" Repair Clamp	EA	270.50



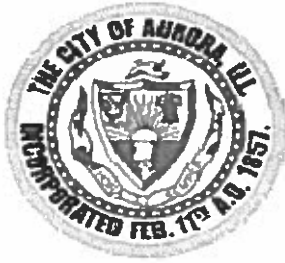


Schedule of Prices  
 City of Aurora Water & Sewer  
 Maintenance Division  
 2019 Materials and Supplies  
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(For complete information covering these items, see specifications)

RETURN WITH BID

NO.	ITEM	UNIT	UNIT COST
82	12" x 36" Repair Clamp	EA	777.20
83	4" Tyler Cut in Sleeve	EA	428
84	6" Tyler Cut in Sleeve	EA	570
85	8" Tyler Cut in Sleeve	EA	738
86	10" Tyler Cut in Sleeve	EA	905
87	12" Tyler Cut in Sleeve	EA	1205
88	4" Full Body MJ Ductile Iron Solid Sleeve	EA	141
89	6" Full Body MJ Ductile Iron Solid Sleeve	EA	195
90	8" Full Body MJ Ductile Iron Solid Sleeve	EA	249
91	10" Full Body MJ Ductile Iron Solid Sleeve	EA	365
92	12" Full Body MJ Ductile Iron Solid Sleeve	EA	480
93	14" Full Body MJ Ductile Iron Solid Sleeve	EA	1100
94	16" Full Body MJ Ductile Iron Solid Sleeve	EA	1550
95	2" Cast Couplings	EA	119
96	4" Cast Couplings	EA	170
97	6" Cast Couplings	EA	231
98	8" Cast Couplings	EA	2191
99	10" Cast Couplings	EA	408
100	12" Cast Couplings	EA	452
101	14" Cast Couplings	EA	—
102	16" Cast Couplings	EA	—
103	4" Megalug Restraint for Ductile Iron Pipe	EA	40
104	4" Megalug Restraint for PVC Pipe	EA	44.50
105	6" Megalug Restraint for Ductile Iron Pipe	EA	52
106	6" Megalug Restraint for PVC Pipe	EA	58
107	8" Megalug Restraint for Ductile Iron Pipe	EA	65
108	8" Megalug Restraint for PVC Pipe	EA	72.50
109	10" Megalug Restraint for Ductile Iron Pipe	EA	92.50



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NO.	ITEM	UNIT	UNIT COST
110	10" Megalug Restraint for PVC Pipe	EA	121.50
111	12" Megalug Restraint for Ductile Iron Pipe	EA	117.50
112	12" Megalug Restraint for PVC Pipe	EA	127
113	2" Tyler Mechanical Joint Accessory Kit	EA	-
114	4" Tyler Mechanical Joint Accessory Kit	EA	31
115	6" Tyler Mechanical Joint Accessory Kit	EA	40.50
116	8" Tyler Mechanical Joint Accessory Kit	EA	43.80
117	10" Tyler Mechanical Joint Accessory Kit	EA	60
118	12" Tyler Mechanical Joint Accessory Kit	EA	62.50
119	4" Ductile Iron Tyler Bored Out Flange	EA	45
120	6" Ductile Iron Tyler Bored Out Flange	EA	60
121	8" Ductile Iron Tyler Bored Out Flange	EA	95
122	10" Ductile Iron Tyler Bored Out Flange	EA	134
123	12" Ductile Iron Tyler Bored Out Flange	EA	201
<b>Watermain Pipe Items</b>			
124	4" CL 52 Ductile Iron Pipe, 18'	EA	396.90
125	6" CL 52 Ductile Iron Pipe, 18'	EA	311.40
126	8" CL 52 Ductile Iron Pipe, 18'	EA	439.20
127	10" CL 52 Ductile Iron Pipe, 18'	EA	575.10
128	12" CL 52 Ductile Iron Pipe, 18'	EA	895.50
129	16" CL 52 Ductile Iron Pipe, 18'	EA	1049.40
<b>Water Service Related Items</b>			
130	3/4" Flared Corporation Stop	EA	23.21
131	1" Flared Corporation Stop	EA	35.49
132	1 1/2" Flared Corporation Stop	EA	108.85
133	2" Flared Corporation Stop	EA	190.15
134	3/4" Full Port Flared Curb Box	EA	55.88
135	1" Full Port Flared Curb Box	EA	75.40



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 Maintenance Division  
 2019 Materials and Supplies  
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NO.	ITEM	UNIT	UNIT COST
136	1 1/2" Full Port Flared Curb Box	EA	177.18
137	2" Full Port Flared Curb Box	EA	286.65
138	1 1/4" Curb Box	EA	30.20
139	1 1/2" Curb Box	EA	44.40
140	1 1/4" Curb Box Top	EA	10.40
141	3/4" Type K Copper - 60' Roll	EA	199.20 ✓
142	3/4" Type K Copper - 100' Roll	EA	332
143	1" Type K Copper - 60' Roll	EA	259.20
144	1" Type K Copper - 100' Roll	EA	432
145	1 1/2" Type K Copper - 60' Roll	EA	405
146	1 1/2" Type K Copper - 100' Roll	EA	675
147	2" Type K Copper - 40' Roll	EA	429.20
148	2" Type K Copper - 60' Roll	EA	643.80
149	3/4" Copper to Strong Lead-Pack Coupling	EA	30.25
150	3/4" Copper to Extra Strong Lead-Pack Coupling	EA	34.25
151	3/4" Copper to Double Extra Strong Lead-Pack Coupling	EA	35
152	1" Copper to Strong Lead-Pack Coupling	EA	55.75
153	1" Copper to Extra Strong Lead-Pack Coupling	EA	54.50
154	1" Copper to Double Extra Strong Lead-Pack Coupling	EA	49.95
<b>Meter Items</b>			
155	3/4" Ford Meter Horn	EA	60.25
156	1" Ford Meter Horn	EA	93.70
157	3/4" Ford Ball Valve	EA	8.25
158	1" Ford Ball Valve	EA	10.15
159	5/8" Ford Meter Coupling	Pkg	9.60
160	3/4" Ford Meter Coupling	Pkg	9.70
161	1" Ford Meter Coupling	Pkg	13.45
162	1 1/2" Large Bronze Meter Flange Kit	EA	79.85



**Schedule of Prices**  
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(For complete information covering these items, see specifications)

NO.	ITEM	UNIT	UNIT COST
163	2" Large Bronze Meter Flange Kit	EA	109
164	3" Large Bronze Meter Flange Kit	EA	215
165	4" Large Bronze Meter Flange Kit	EA	343.85
166	3" Zenner FHZ30S Hydrant Meter w/Check Valve	EA	895
167	Ground clamp, 1 1/2"	EA	—
<b>Storm Sewer Items</b>			
168	Manhole Frame & Solid Lid, 4", R-1647-B	EA	272
169	Manhole Frame & Solid Lid, 7", R-1772-B	EA	267
170	Manhole Frame & Solid Lid, 9", R-1713-B	EA	281
171	Combination Inlet Frame, Grate, & Curb Box, R-3015-R	EA	395
172	Beehive Grate, R-4341-A	EA	—
173	Beehive Grate, R-4340-B	EA	195
174	Beehive Grate, R-4342	EA	—
175	Solid Cover R-1712	EA	116
176	Curb Box - R-3015	EA	—
177	Curb Frame R-3015	EA	—
178	Grate - R-3015	EA	—
179	Concrete Adjusting Ring, 2"	EA	12.95
180	Concrete Adjusting Ring, 3"	EA	15.50
181	Concrete Adjusting Ring, 4"	EA	17.95
182	Concrete Adjusting Ring, 6"	EA	21.95
183	HDPE Adjusting Ring, 3/4" x 1-1/2"	EA	
184	2' Diameter Inlet	EA	110 <sup>00</sup>
185	2' x 24" Catch Basin with Base	EA	110 <sup>00</sup>
186	2' x 30" Catch Basin with Base	EA	
187	2' x 36" Catch Basin with Base	EA	
188	2' x 48" Catch Basin with Base	EA	



Schedule of Prices  
City of Aurora Water & Sewer  
Maintenance Division  
2019 Materials and Supplies  
Bid 18-67

(For complete information covering these items, see specifications)

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NO.	ITEM	UNIT	UNIT COST
189	3' x 36" Catch Basin with Base	EA	NQ
190	3' x 16" Barrell Section	EA	
191	3' x 24" Barrell Section	EA	
192	3' x 36" Barrell Section	EA	
193	3'x 48" Barrel Section	EA	
194	3' x 18" Cone Offset	EA	
195	3' Flat Top Eccentric Opening, Non-Tongue and groove	EA	
196	3' Flat Top Concentric Opening, Non-Tongue and groove	EA	
197	3' Flat Top Eccentric Opening, Tongue and Groove	EA	
198	3' Flat Top Concentric Opening, Tongue and groove	EA	
199	3' Diameter Base	EA	
200	4' Flat Top, 6" Thickness, Concentric Opening, Tongue and Groove	EA	
201	4' Flat Top, 6" Thickness Eccentric Opening Tongue and Groove	EA	
202	4' Flat Top, 6" Thickness, Concentric Opening, Non-Tongue and Groove	EA	
203	4' Flat Top, 6" Thickness Eccentric Opening Non-Tongue and Groove	EA	
204	4' Flat Top, 12" Thickness, Concentric Tongue and Groove	EA	
205	4' Flat Top, 12" Thickness, Eccentric Tongue and Groove	EA	
206	4' Flat Top, 12" Thickness, Concentric Non-Tongue and groove	EA	
207	4' Flat Top, 12" Thickness, Eccentric Non-Tongue and groove	EA	
208	4' x 32" Manhole with Base	EA	
209	4' x 48" Barrel Section	EA	
210	4' Base	EA	
211	12" Diameter RCP	EA	
212	15" Diameter RCP	EA	
213	18" Diameter RCP	EA	
214	24" Diameter RCP	EA	



**Schedule of Prices**  
**City of Aurora Water & Sewer**  
**Maintenance Division**  
**2019 Materials and Supplies**  
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(For complete information covering these items, see specifications)

NO.	ITEM	UNIT	UNIT COST
215	12" Diameter RCP Flared End Section	EA	NQ
216	15" Diameter RCP Flared End Section w/Grate	EA	
217	18" Diameter RCP Flared End Section w/Grate	EA	
218	24" Diameter RCP Flared End Section w/Grate	EA	
<b>Sanitary Sewer Items</b>			
219	Sanitary Manhole Chimney Seals	EA	
220	4" SDR-26 PVC Pipe, 14'	EA	20.72
221	6" SDR-26 PVC Pipe, 14'	EA	44.10
222	8" SDR-26 PVC Pipe, 14'	EA	79.80
223	10" SDR-26 PVC Pipe, 14'	EA	125.30
224	12" SDR-26 PVC Pipe, 14'	EA	178.50
225	15" SDR-26 PVC Pipe, 14'	EA	271.60
226	18" SDR-26 PVC Pipe, 14'	EA	424.20
<b>Miscellaneous Items</b>			
227	Krylon Industrial Quik-Mark Blue Marking Paint, 17 Oz	EA	3.20
228	Krylon Industrial Quik-Mark Green Marking Paint, 17 Oz	EA	3.20
229	Krylon Industrial Quik-Mark White Marking Paint, 17 Oz	EA	3.20
230	Hydraulic Cement, 50 LB Pail	EA	31
231	Masonry Mortar Type M, 80lb Bag	EA	—
232	Manhhole Joint Butyl Rubber Sealant Tape, 3/8"x6"x50'	Roll	
233	Manhhole Joint Butyl Rubber Sealant Tape, 3/8"x9"x50'	Roll	
234	Manhhole Joint Butyl Rubber Sealant Tape, 3/8"x12"x50'	Roll	
235	1" Butyl Rubber Sealant 14'-6"	Roll	7.95
236	Type II Barricade	EA	—



(If an individual)

Signatures

Signature of Bidder \_\_\_\_\_

Business Address \_\_\_\_\_

\_\_\_\_\_

(If a partnership)

Firm Name \_\_\_\_\_

Signed by \_\_\_\_\_

Business Address \_\_\_\_\_

\_\_\_\_\_

Insert  
Names and  
Addresses of  
All Partners

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(If a corporation)

Corporate Name WATER PRODUCTS COMPANY

Signed By [Signature] President

Business Address 3255 E. NEW YORK ST  
AURORA, IL 60504

President WILLIAM WITZEL

Secretary PAUL GLOWACKI

Treasurer \_\_\_\_\_

Attest: [Signature]  
Secretary



## BIDDER'S CERTIFICATION


I/We hereby certify that:

- A. A complete set of bid papers as intended have been received and that I/We will abide by the contents and/or information received and/or contained therein.
- B. I/We have not entered into any collusion or other unethical practices with any other person, firm, or employee of the City, which would in any way be construed as an unethical practice.
- C. I/We comply with all current Federal, State, and Local laws, statutes, rules, and regulations referencing equal opportunity employment practices.
- D. I/We will abide by all codes, rules, regulations, ordinances, and statutes of the City of Aurora, Counties of Kane, DuPage, as applicable and the State of Illinois and the United States of America.
- E. I/We hereby certify that we have adopted a written sexual harassment policy which is in accordance with the requirements set forth in 775 ILCS 5/2-105(A)(4) and further certify that I/We are also in compliance with all other requirements contained in 775 ILCS 5/2-105(A).
- F. I/We have in place a:
- written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635), and will provide a written copy thereof to the City of Aurora or
  - collective bargaining agreement which deals with the subject matter of the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635) – **Contractor shall check the box for the policy that applies.**

WATER PRODUCTS COMPANY  
Company Name

3255 E NEW YORK ST AURORA, IL 60504  
Address

PAUL GLOWACKI  
Name of Corporate or Company Official (print)

  
Authorized Signature

SECRETARY  
Title

Date 11/12/18

Phone 630-898-6100

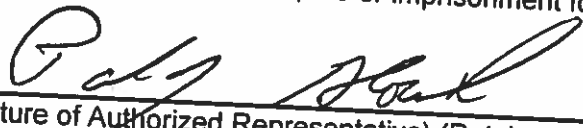


## Certification Regarding Debarment, Suspension and Other Responsibility Matters

The prospective participant to the best of its knowledge and belief that it and its principles:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in fine of up to \$10,000 or imprisonment for up to 5 years, or both.

 11/12/18

(Signature of Authorized Representative) (Date)

I am unable to certify the above statements. My explanation is attached.

EPA FORM 5700-49 (11-88)

**Bidder Certification In Compliance with Article 33E to the "Criminal Code of 1961"**

I PAUL GlowACKI, do hereby certify that:  
(Name)

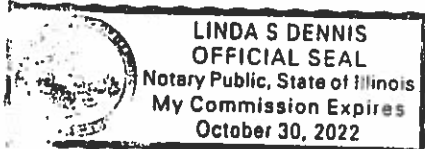
1. I am SECRETARY of the WATER PRODUCTS Company  
(Position) (Firm)  
and have authority to execute this certification on behalf of the firm
2. This firm is not barred from bidding on this contract as a result of a violation of Section 33E-3, Bid-rigging, or Section 33E-4, Bid Rotating, as set forth in Article 33E to the "Criminal Code of 1961."

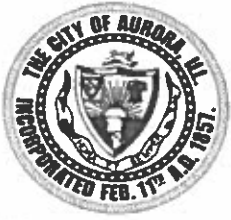
Name of Firm WATER PRODUCTS Company  
Signature [Signature]  
Title SECRETARY  
Date 11/12/18  
Corporate Seal (where appropriate)

On this 12 day of November 2018, before me appeared (Name) PAUL J GlowACKI to me personally known, who, being duly sworn, did execute the foregoing affidavit, and did state that he or she was properly authorized by (Name of Firm) WATER PRODUCTS Company to execute the affidavit and did so as his or her free act and deed.

Notary Public Linda S. Dennis Commission Expires 10/30/22

Notary Seal





## City of Aurora, IL - Local Vendor Preference Application

The business identified below is requesting to be placed on the City of Aurora, Illinois Local Vendor Preference list, in accordance with ordinance O18-070, approved August 28, 2018.

- 1) Date Submitted: \_\_\_\_\_
- 2) Name of Business: \_\_\_\_\_
- 3) Address of Local Office: \_\_\_\_\_
- 4) City, State, Zip: \_\_\_\_\_
- 5) Company's Web Address: \_\_\_\_\_
- 6) Phone: \_\_\_\_\_ Fax: \_\_\_\_\_
- 7) County your Local Business is Located In: \_\_\_\_\_

Submitted By (Signature): \_\_\_\_\_

Print Name and Title: \_\_\_\_\_

Email Address: \_\_\_\_\_

### Sec. 2-410.-Prequalification; local bidder.

- (a) If an interested business would like to prequalify as a "local business", such a business shall complete and submit the prequalification application along with supporting documentation, as listed below, and the applicable fee as set by the City Council, to the Finance Department:
- a. Evidence that the business has established and maintained a physical presence in the City of Aurora, by virtue of the ownership or lease of all or a portion of a building for a period of not less than twelve (12) consecutive months prior to the submission of the prequalification application; and
  - b. Evidence demonstrating that the business is legally authorized to conduct business within the State of Illinois and the City of Aurora, and has a business registered to operate in the City if required; and
  - c. Evidence that the business is not a debtor to the City of Aurora. For purposes of this subparagraph, a debtor is defined as having outstanding fees, water bills, sales tax or restaurant/bar tax payments that are thirty (30) days or more past due, or has outstanding weed or nuisance abatements or liens, has failure to comply tickets or parking tickets that are not in dispute as to their validity and are not being challenged in court or other administrative processes.

*Back up documentation for (a) a. and (a) b. must accompany this submittal or application will be rejected.*

*Please note for (a) c. above the City of Aurora will verify internally that your company does not have any outstanding fees. Your company should make sure that to the best of its knowledge all bills are current.*

Return completed application, with all required backup documentation to:  
City of Aurora, Attn: Purchasing Division, 44 E. Downer Place, Aurora, IL 60507  
Or email to: [PurchasingDL@Aurora-il.org](mailto:PurchasingDL@Aurora-il.org)

Do not write below this line: For City of Aurora use ONLY

- (a) a.
- (a) b.
- (a) c.

Date: \_\_\_\_\_

Approved: \_\_\_\_\_

Letter Sent: \_\_\_\_\_

Denied: \_\_\_\_\_

Initials: \_\_\_\_\_

# **SPECIAL PROVISIONS**

## ***INDEX***

***Provision  
Number***            ***Title***

- SP 1 – FIRE HYDRANT ASSEMBLY
- SP 2 – HYDRANT METER
- SP 3 – VALVES
- SP 4 – VALVE BOXES
- SP 5 – MISSION COUPLING
- SP 6 – REPAIR CLAMP
- SP 7 – DUCTILE IRON SLEEVE FITTINGS
- SP 8 – CAST COUPLINGS
- SP 9 – MEGALUG RETAINER GLAND
- SP 10 – MECHANICAL JOINT ACCESSORY KIT
- SP 11 – DUCTILE IRON BORED OUT FLANGE
- SP 12 – SDR-26 PVC PIPE
- SP 13 – CLASS 52 DUCTILE IRON PIPE
- SP 14 – CORPORATION STOP
- SP 15 – CURB BOX
- SP 16 – METER HORN
- SP 17 – BALL VALVE
- SP 18 – METER COUPLING
- SP 19 – TYPE K COPPER
- SP 20 – WATER METER FLANGE KIT
- SP 21 – MARKING PAINT
- SP 22 – NEENAH FRAME AND GRATES
- SP 23 - HYDRAULIC CEMENT
- SP 24 – STORM STRUCTURES
- SP 25 – TYPE II BARRICADE
- SP 26 – GROUND CLAMP
- SP 27 – BUTYL MASTIC SEALANT

## **CITY OF AURORA SPECIAL PROVISIONS**

The following Special Provisions supplement the "General Specifications," the Illinois Department of Transportation's "Standard Specifications For Road and Bridge Construction," (herein after called the "Standard Specifications", the City of Aurora's "Standard Specifications for Improvements," the "Supplemental Specifications and Recurring Special Provisions," the "Standard Specifications for Water And Sewer Main Construction in Illinois, Sixth Edition," the "Standard Specifications for Traffic Control Items," and the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for proposals. These special provisions apply to and govern the **Water & Sewer Maintenance Division 2019 Materials and Supplies Request for Quotations** and in case of conflict with any part or parts of said specifications; these Special Provisions shall take precedence and shall govern.

All appropriate parts shall be lead free and be stamped "NL". Materials are to be manufactured in the United States. Any variation from the special provisions below should be approved prior to providing bid pricing.

All materials shall be delivered to the Water & Sewer Maintenance Division within 5 business days of being ordered.

### **SP 1 - FIRE HYDRANT ASSEMBLY**

These specifications are to be used in conjunction with the AWWA Standard C502 for fire hydrants for ordinary water works service, and the City of Aurora's Standard Specifications for Improvements.

All materials used in the production of fire hydrants for ordinary service shall conform to the specifications designated for each material listed in AWWA Standard C502.

The hydrant shall be Waterous Pacer WB-67 (5 1/4" barrel) of a pattern approved by the Engineer. The seat must be bronze. The name or mark of the manufacturer, size of the valve opening shall be plainly cast in raised letters and so placed on the hydrant barrel as to be visible after the hydrant has been installed.

Hydrant markers shall be RoDon Hydra-Finder Hydrant Markers or an engineer approved equal. The marker shall be a 3/8" diameter white laminar matrix fiberglass shaft with 6" wide high reflectivity red striping tape. The hydrant marker shall have a standard length of 5'. The fiberglass shaft shall be attached to a heavy duty MIL SPEC chrome-plated spring mount connected to a 5/8" diameter bolt-on steel flat mounting bracket.

See the Figure 6 attached at the end for a diagram showing the specific hydrant replacement parts.

### **SP 2 - HYDRANT METER**

The Hydrant Meter shall be designed to measure a wide variety of cold potable water flows from hydrants where flows are in one direction. The hydrant meter provided shall be a Zenner FHZ30S or approved equal. The hydrant meter shall comply with AWWA C701 Class II performance standards. The only moving parts in the meter shall be the rotor assembly and vertical shaft. All

components of the meter shall be lead free. The optional NC2530B-CV check valve assembly shall be included with the hydrant meter.

### **SP 3 - VALVES**

The minimum requirements for all valves shall, in design, material and workmanship, conform to the standards of the latest AWWA C509-87, and C504. All materials used in the manufacture of waterworks valves shall conform to the AWWA standards designed for each material listed.

**Gate Valve:** Gate valves shall be resilient wedge with cast iron body, fully bronze mounted, non-rising stem with upper and lower thrust collars. Waterways shall be smooth. All valves shall open by turning counterclockwise. Valves shall meet or exceed ANSI/AWWA C-515-99 latest revision. Gate valves shall be Waterous series 2500 Resilient Wedge Gate Valves. All nuts, bolts, and threaded rods shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

All gate valves shall be furnished with O-Ring Stem Seals. Number, size and design shall conform to the AWWA Standard for R/W valve O-Ring Stem Seals.

**Cutting in Valve:** Cutting in valves shall be resilient wedge with cast iron body, fully bronze mounted, non-rising stem with upper and lower thrust collars. Waterways shall be smooth. All valves shall open by turning counterclockwise. Valves shall meet or exceed ANSI/AWWA C-509 latest revision. Cutting in valves shall be Clow Model 2640 cutting in joint (MCJ) end Valves. All nuts, bolts, and threaded rods shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

All cutting in valves shall be furnished with O-Ring Stem Seals. Number, size and design shall conform to the AWWA Standard for R/W valve O-Ring Stem Seals.

### **SP 4 - VALVE BOXES**

Valve boxes and extensions must be cast iron only. Valve boxes shall be 6855 Series as manufactured by Tyler Union. Adjustable cast iron valve boxes shall be slide type. The slide type valve box shall be adjustable by sliding the upper section over the lower section. As shown on the schedule of prices, this item shall be bid as a complete system and as spare parts for purchase as needed. Castings with cast iron ring and cover, and cast iron parts of valve boxes, shall conform to the requirements of Standard Specifications for Gray Iron Castings, ASTM Designation A-48.

### **SP 5 - MISSION COUPLING**

Mission repair couplings shall be Style CNSS non-shear sewer couplings as manufactured by Cascade Water Works, Mfg. Co. of Yorkville, IL. The coupling shall be constructed with an outer shell of T-304 (ASTM A-240/ASME SA-240) stainless steel with three stainless steel heavy duty worm gear fasteners (SAE J-1508 - MIL 5059-A) permanently welded in place and passivated per ASTM A-380. The shell shall fully encircle a 40 durometer ribbed gasket made from virgin SBR (ASTM D2000) rubber formulated for sewer service.

### **SP 6 - REPAIR CLAMP**

Repair clamps shall be manufactured by The Ford Meter Company, Inc. (FS1), Cascade Waterworks MFG. (CR1), Smith/Blair (261), PowerSeal (3121AS) or an approved equal. All repair clamps shall have type 304 stainless steel components and an 18/8 grade. All clamps shall have a Nitrile (Buna-N) gasket. The lugs shall also be type 304 stainless steel.

### **SP 7 - DUCTILE IRON SLEEVE FITTINGS**

All fittings shall be ductile iron conforming to the latest ANSI specifications A21.10 for short body fittings, twelve inches (12") or less, and AWWA C110 for fittings fourteen inches (14") or larger. Long body sleeves shall be provided unless directed otherwise. When specified to have mechanical joints, Mega Lug wedge action retaining glands, or approved equal shall be included. All nuts and bolts used for jointing shall be stainless steel, Grade 304 bolts, and Grade 316 nuts. Ductile Iron sleeves shall be manufactured by Tyler Union or an approved equal.

### **SP 8 - CAST COUPLINGS**

Cast Couplings shall be manufactured by The Ford Meter Company, Inc. (Style FC1), Cascade Waterworks MFG. (Omega Coupling), Smith/Blair (441), PowerSeal (3501), or an approved equal. All couplings shall meet or exceed requirements of AWWA C-219 and should have a minimum working pressure of 250 psi. All couplings shall be certified to NSF/ANSI 61-G with Nitrile (Buna N) gaskets. An approved equal is to come with stainless steel Grade 304 bolts and Grade 316 nuts.

### **SP 9 - MEGALUG RETAINER GLAND**

MegaLug retainer glands shall be Series 1100 (DI) or Series 2000PV (PVC) as manufactured by EBBA Iron Inc. or approved equal (set screw retainer glands will not be accepted). The mechanical joint restraint shall be constructed of ductile iron meeting ASTM A536 and it shall have a pressure rating of 350 PSI. All nuts and bolts shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

### **SP 10 - MECHANICAL JOINT ACCESSORY KIT**

The mechanical joint accessory kit shall include a rubber gasket and a ductile iron backing flange of the size specified in the pay item and the appropriate number of bolts required for the kit size. The kit manufacturer shall be Tyler Union, or an approved equal, and the components shall be for use with ductile iron pipe. The mechanical joint restraint shall be constructed of ductile iron meeting ASTM A536 and it shall have a pressure rating of 350 PSI. All items shall be manufactured in the U.S.A. All nuts and bolts shall be stainless steel, Grade 304 bolts and Grade 316 nuts.

### **SP 11 - DUCTILE IRON BORED OUT FLANGE**

Ductile iron bored out flanges shall be manufactured by Tyler Union or an approved equal.

### **SP 12 - SDR-26 PVC PIPE**

All pipe shall meet the requirements of ASTM D3034 for 4" through 15" and F679 for 18" through 36" pipe. All pipe shall be made from quality PVC resin, compounded to provide physical and mechanical properties that equal or exceed cell class 12454 or 12364 as defined in ASTM D1784. The bell shall consist of an integral wall section with a solid cross section elastomeric gasket which meets the requirements of ASTM F477.

SDR-26 PVC plastic pipe shall be tested as follows:

Manufacturer shall submit certified copies of all reports of tests conducted by an independent laboratory of PVC Plastic Pipe. Tests shall be conducted in accordance with Standard Method of

Test for "External Loading Properties of Plastic Pipe by Parallel-Plate Loading", ASTM Standard D2412. Tests shall also be conducted in accordance with ASTM D 3212 to demonstrate joint performance at 5% maximum diametric deflection of the spigot, as specified in Article 7.4 of ASTM D 3212.

Maximum allowable ordinate as measured from the concave side of the pipe shall not exceed 1/16 inch per foot of length. Pipe shall be so constructed that the initial internal vertical diameter does not decrease by more than 5% in order to provide the complete hydraulic carrying capacity conceived by the design engineer, and to obtain the joint performance at 5% maximum diametric deflection as specified in Article 7.4 of ASTM D 3212.

### **SP 13 - CLASS 52 DUCTILE IRON PIPE**

Ductile-iron pipe shall conform to ANSI Specification A21.51 or AWWA C151. Class 52, thickness designation, casting, marking, testing, etc. shall be provided in accordance with applicable ANSI or AWWA standards.

Cement lining shall be included in accordance with ANSI A21.4 (AWWA C-104). All pipe, specials and fittings shall be cement mortar lined in the shop with centrifugally spun lining in accordance with AWWA C205-85 or cement mortar lined mechanically in accordance with AWWA C602-83. Use ASTM C150, Type II, cement for lining. Field joints shall be made in accordance with AWWA C205, Appendix A.

Pipe joints shall be either push-on (rubber gasket) type as recommended by the pipe manufacturer. All pipe shall be furnished with a depth mark to assure that the spigot end is inserted to the full depth of the joint.

### **SP 14 - CORPORATION STOP**

Corporation stops shall have flared connections conforming to ANSI/AWWA C-800 and shall be the following brands or approved equal: A.Y. McDonald 4701 or Ford F-600. All appropriate parts shall be lead free and be stamped "NL".

### **SP 15 - CURB BOX**

All curb boxes shall be Minneapolis pattern with flared connections conforming to ANSI/AWWA C800 and shall be the following brands or approved equal: A.Y. McDonald 6104, Ford B22-444M, or Mueller H-15151. All curb boxes shall be 5'6" bury Minneapolis pattern with minimum 1-1/4" upper section equal to: A.Y. McDonald 5614 or Ford EM-55-56. (Accepted Brands: Mueller, Star Pipe Products, Sigma/Nappco, Bingham & Taylor or approved equal). All appropriate parts shall be lead free and be stamped "NL".

### **SP 16 - METER HORN**

Meter horns shall be CH88-33 style as manufactured by The Fort Meter Box Company, Inc. or engineer approved equal. All brass shall conform to AWWA Standard C800 (ASTM B-62 and ASTM B-584, UNS NO C83600-85-5-5-5). Meter threads shall conform to AWWA C700. Copper shall conform to ASTM B-75 and shall consist of copper alloy #122.



### **SP 17 - BALL VALVE**

Ford ball valves shall be manufactured in accordance with AWWA C800. The valve shall be designed to withstand water pressure up to 300 psi and maintain a watertight seal. The valve shall include a fluorocarbon-coated ball that is supported by molded Buna-N or EPDM rubber seats.

### **SP 18 - METER COUPLING**

Meter couplings shall be C38-11-2-NL 5/8", C38-23-2-75-NL 3/4", or C38-44-2-625-NL 1" models as style as manufactured by The Fort Meter Box Company, Inc. or engineer approved equal. This item shall be bid per Package with 50 per package for the 5/8" size, 25 per package for the 3/4", and 15 per package for the 1" couplings. The 5/8" and 3/4" meter couplings shall have a 3/4" male thread size and the 1" meter couplings shall have a 1" male thread size. Couplings shall be Ford Meter Box no-lead brass products manufactured from UNS/CDA No. 89833 alloy.

### **SP 19 - TYPE K COPPER**

Type K copper pipe shall be supplied in the diameter and length as specified. The type K copper shall have a color code of green and shall be in accordance with ASTM B 88 & AWWA publication M-22 entitled, "Water Service Lines And Meters".

### **SP 20 - WATER METER FLANGE KIT**

The flange kit shall include two water meter flanges, two gaskets, four stainless steel nuts and bolts for the 1 1/2" and 2" flanges, eight stainless steel nuts and bolts for the 3" and sixteen stainless steel nuts and bolts for the 4" flanges. All parts and components manufactured 100% in USA. Parts shall be manufactured in accordance with the following specifications: Bronze casting C87850 ECOBRASS (.09% lead max), Round flanges conforming to ANSI B16.1, Gaskets ANSI/AWWA C111/A21.11, Bolts ANSI B18.2.1, Nuts SAE J995 Grade 5 with dimensional tolerances ANSI B182.2.2, & plating ASTM F1491. All appropriate parts shall be lead free and be stamped "NL".

### **SP 21 - MARKING PAINT**

Marking paint provided shall be Krylon Industrial Quik-Mark (or approved equal) for inverted use, water based, 20 ounces in size (net weight 17 oz), and of the color specified. The paint shall also be environmentally safe.

### **SP 22 - NEENAH FRAMES AND GRATES**

Frames and lids shall be manufactured by NEENAH and the type specified. All manhole type B covers shall have "CITY OF AURORA" cast into the top in two (2) inch high lettering and shall be the concealed pick hole type. All type B covers shall have a machined surface and a watertight rubber gasket seal.

### **SP 23 - HYDRAULIC CEMENT**

Hydraulic cement shall be Speccrete W-10 Waterstopper Plug Cement or an engineer approved equal. The compressive strength shall be a minimum 4,200 P.S.I. after 28 days per ASTM C-109. The hydraulic cement shall have a final set time of 3-5 minutes per CRD C-621. The requested material shall come in a 50 pound pail. The cost supplied shall be for each 50 pound

pail of hydraulic cement.

#### **SP 24 – STORM STRUCTURES**

New storm structures shall be constructed of pre-cast reinforced concrete in accordance with the Standard Specifications for Water and Sewer Main Construction in Illinois.

#### **SP 25 – TYPE II BARRICADE**

All type II barricades shall be in conformance with the Illinois Department of Transportation's "Standard Specifications For Road and Bridge Construction" (current edition) and be equipped with a yellow light that is battery operated.

#### **SP 26 – GROUND CLAMP**

Ground clamps shall be Burndy C11N model or engineer approved equal. The ground clamp shall be cast bronze for cable to water pipe or copper tube connection using a 10 – 2 AWG. It shall connect to a ½" to 1" water pipe with a torque of 50 of-in.

#### **SP 27 – BUTYL MASTIC SEALANT**

Butyl Mastic Sealant shall be NPC-Bidco C-56 or engineer approved equal. Each roll of Butyl Mastic Sealant shall be 3/8"x3"x16'. All approved equals shall meet or exceed the following:

- Federal Specifications SS-S-210 A "Sealing Compound, Preformed Plastic for Pipe Joints", Type 1, Rope Form
- AASHTO Designation M-198 75 I, Type B, Flexible Plastic Gasket (Bitumin)
- ASTM Designation C-990-91.

# Parts List - Ductile Iron Pacer

Figure 6. 250 PSI Working Pressure Ductile Iron Pacer (Models W67-250 and WB67-250)

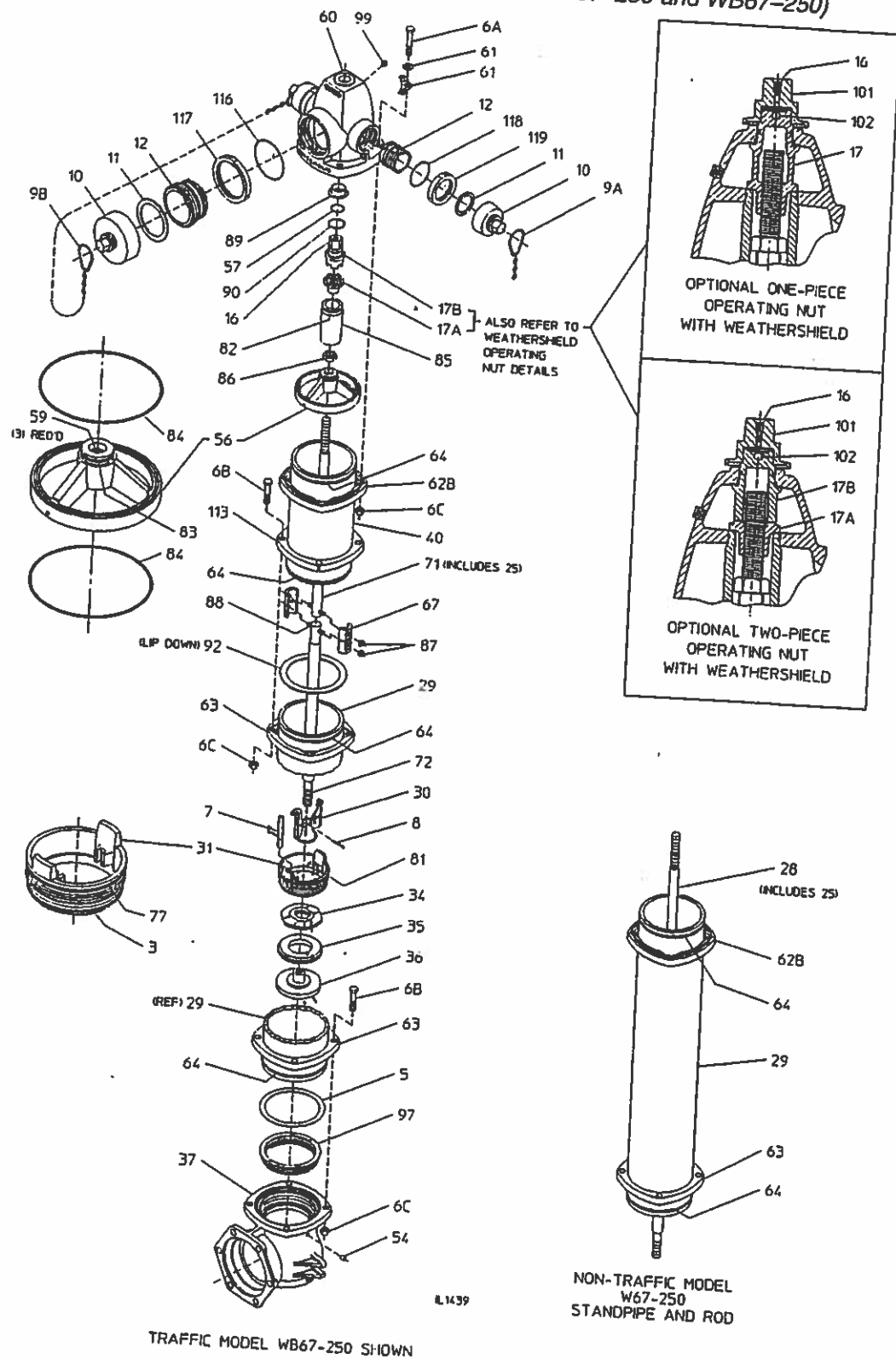
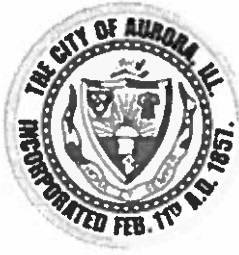


Table 3. Parts List for 250 PSI Working Pressure Ductile Iron Pacer (Models W67-250 and WB67-250)

REF NO.	DESCRIPTION	MATERIAL
3	O-ring (Lower valve seat), 5-5/8 x 5-7/8	Buna N
5	Lower standpipe gasket	Neoprene
6A	Hex hd bolt, 5/8-11 x 3-3/4 in.	Zinc plated steel
6B	Hex hd bolt, 5/8-11 x 3 in.	Zinc plated steel
6C	Hex nut, 5/8-11	Zinc plated steel
7	Drain plunger	Red brass
8	Cotter pin, 1/4 x 1-1/2 in.	Stainless steel, Type 304
9A, 9B	Nozzle cap chain, single or double	Zinc-plated steel
10	Nozzle cap, hose or pumper	Ductile iron
11	Cap gasket, hose or pumper	Neoprene
12	Nozzle, hose or pumper	Brass
16	Flat hd screw, 1/4-20 x 1/2 in.	Stainless steel, Type 304
17	Operating nut (one-piece)	Bronze
17A	Lower operating nut	Bronze
17B	Upper operating nut	Ductile iron**
25	Valve rod bushing (included with 71 & 28)	Red brass
28	Rod Assembly (includes 25) (non-Traffic model)	Steel rod
29	Lower standpipe (Traffic model)	Centrifugally cast ductile iron pipe
29	Standpipe (non-Traffic model)	Centrifugally cast ductile iron pipe
30	Crossarm	Bronze
31	Valve seat	Bronze
34	Upper valve washer	Ductile iron
35	Main valve rubber	Urethane
36	Lower valve washer	Ductile iron
37	Hydrant bottom	Ductile iron
40	Upper standpipe (Traffic model)	Centrifugally cast ductile iron pipe*
54	Drain bushing	Brass
58	Support wheel	Ductile iron
57	O-ring (Operating nut), 1-1/2 x 1-3/4	Buna N
59	O-ring (Support wheel), 1-1/8 x 1-3/8	Buna N
60	Nozzle section	Ductile iron
61	Bury depth plate	Aluminum
61	Bury depth plate washer	Zinc plated steel
62B	Upper standpipe flange	Ductile iron
63	Standpipe flange	Ductile iron
64	Flange lock ring	Stainless steel, Type 430
67	Coupling sleeve (2 halves)	Cast iron
71	Upper rod assembly (Includes 25) (Traffic model)	Steel rod
72	Lower rod (Traffic model)	Steel rod
77	O-ring (Upper valve seat), 5-7/8 x 6-1/8	Buna N
81	Groove pin, 3/32 x 7/16 in.	Beryllium copper
82	O-ring (Upper tube seal), 2-3/8 x 2-5/8	Buna N
83	O-ring (Lower tube seal), 1-7/8 x 2-1/8	Buna N
84	Support wheel gasket	Buna N
85	Support tube	Ductile iron
86	Stop nut, 1"- 8	Zinc plated steel
87	Coupling nut, 1/2-20	Brass
88	Coupling stud, 1/2-20 x 2-9/16 in.	Stainless steel, Type 430
89	Nozzle section bushing assembly	Brass
90	Thrust ring	Teflon
92	Upper standpipe gasket	Neoprene
97	Valve seat insert	Bronze
99	Pipe plug, 1/4 NPT	Brass
101	Weathershield nut	Ductile iron
102	Spirol pin, hvy, 1/4 x 2-1/4 in.	Stainless steel
113	Breakable flange	Ductile iron
116	O-ring (pumper nozzle), 5-1/4 x 5-3/4	Buna N
117	Pumper nozzle retainer	Ductile iron
118	O-ring (hose nozzle), 3-1/4 x 3-5/8	Buna N
119	Hose nozzle retainer	Ductile iron

\*AWWA Standard C151 (ANSI 21.51)

\*\*Bronze or Iron optional on some nut sizes.



**Jolene Coulter**  
Director of Purchasing  
City of Aurora  
44 E. Downer Place  
Aurora, IL 60507  
Office: 630-256-3550  
[purchasingdl@aurora-il.org](mailto:purchasingdl@aurora-il.org)

The City of Aurora offers electronic funds transfer (EFT) payment to our vendors. EFT is fast, simple, safe and secure and is *our preferred method of payment!* Please contact the Purchasing Office to get signed up.

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