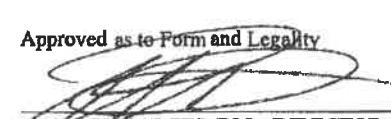


# RESOLUTION No. 25-116

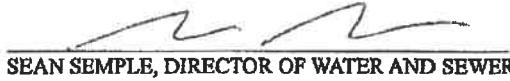
Date of Adoption APR 01 2025

Approved as to Form and Legality



WESLEY BRIDGES, ESQ., DIRECTOR OF LAW

Factual content certified by



SEAN SAMPLE, DIRECTOR OF WATER AND SEWER

Councilman /woman

presents the following Resolution:

SPONSORED BY:

**RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO FERGUSON WATER WORKS, FOR THE FURNISHING AND DELIVERY OF METROPOLITAN M-94, M-250 & AP SMITH SERIES FIRE HYDRANT PARTS TO TRENTON WATER WORKS FOR THE DEPARTMENT OF WATER AND SEWER FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$152,935.00 – BID2025-07**

WHEREAS, three (3) sealed bids were received in the Division of Purchasing on January 8, 2025, at 11:00 am, by the Purchasing Agent for the Furnishing and Delivery of Metropolitan M-94, M-250 & AP Smith Series Fire Hydrant Parts to Trenton Water Works for the City of Trenton, Department of Water and Sewer; and

WHEREAS, the low bid of Ferguson Waterworks, 507 Oak Glen Road, Howell, New Jersey 07731, is made pursuant to the advertisement, be and is hereby accepted, as the lowest, responsible, responsive bidder complying with terms and specifications on file in the Division of Purchasing; and

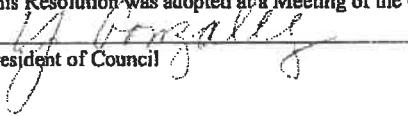
WHEREAS, funds in an amount not to exceed \$152,935.00 have been certified to be available in the following account number: 5-05-55-5504-838-001. This contract shall be awarded for a period of one (1) year from the date of award; and

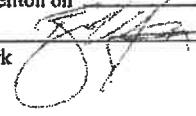
**NOW, THEREFORE, BE IT RESOLVED**, by the City Council of the City of Trenton that the Mayor is hereby authorized to execute a contract with Ferguson Waterworks, 507 Oak Glen Road, Howell, New Jersey 07731, for the Furnishing and Delivery of Metropolitan M-94, M-250 & AP Smith Series Fire Hydrant Parts to Trenton Water Works for the City of Trenton, Department of Water and Sewer for a period of one (1) year in an amount not to exceed \$152,935.00 from the date of award for the said purposes in the manner prescribed by law.

MOTION: <i>Feliciano</i>					SECOND: <i>Harrison</i>									
	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
EDWARDS	✓				FRISBY	✓				GONZALEZ	✓			
FELICIANO	✓				HARRISON	✓								
PIGUEROA KETTENBURG	✓				WILLIAMS	✓								

This Resolution was adopted at a Meeting of the City Council of the City of Trenton on

APR 01 2025

President of Council 

City Clerk 

**AGREEMENT**  
**CITY OF TRENTON, NEW JERSEY**  
**BID2025-07**  
**RES. NO. 25-116**  
**AWARDED TO**  
**FERGUSON WATER WORKS**

This Agreement, entered into this 2<sup>ND</sup> Day of APRIL, 2025 between the City of Trenton, a municipal corporation of the State of New Jersey, 'CITY' **319 EAST STATE STREET, TRENTON, NEW JERSEY 08608** and **FERGUSON WATER WORKS, 507 OAK GLEN ROAD, HOWELL, NEW JERSEY 07731** ("Contractor"), witnesseth that:

**WHEREAS**, Contractor has bid, proposed or offered to furnish and deliver to the City the materials, supplies and/or goods to perform the services **IN AN AMOUNT NOT TO EXCEED \$152,935.00 FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE AWARD.**

**FIRST**, A. Contractor, under the penalty expressed in the bond hereinafter mentioned, will furnish, supply and deliver to the City of Trenton the following materials, supplies or services as authorized by:

**RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO FERGUSON WATER WORKS, FOR THE FURNISHING AND DELIVERY OF METROPOLITAN M-94, M-250 & AP SMITH SERIES FIRE HYDRANT PARTS TO TRENTON WATER WORKS FOR THE DEPARTMENT OF WATER AND SEWER FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$152,935.00 – BID2025-07**

B. The contract shall submit with contracts with the following:

**UPDATED CERTIFICATE OF INSURANCE WITH SIGNED CONTRACTS**

Such performance by Contractor will be in strict accordance with the terms and conditions of the bid specifications, the bid response and the authorizing resolution, which are included above and is incorporated by reference. Additionally, Contractor will furnish good and ample security in a sum equal to the said contract price for the said articles and services.

**SECOND**. The City of Trenton will pay Contractor the total sum mentioned herein when the appropriate Department Director has executed a certification that the said articles or services have been furnished, delivered, and accepted in full conformity to the aforementioned specifications and offer or proposal.

**THIRD**. The City of Trenton reserves the right to order a greater or lesser quantity, not to exceed twenty-five percent, of any or all of the articles named in the said offer or proposal than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the offer or proposal of Contractor shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of the City of Trenton to order such greater or lesser quantity.

**FOURTH**. In the event of the failure of Contractor to deliver to the City of Trenton, such articles or perform such work or labor as described in such quantities as ordered at the time stated for such delivery by the City of Trenton, or in the event that such articles as are delivered or work and labor performed do not meet the specifications or standards, as established by the City of Trenton for such articles or acceptance of such work and labor, then such delivery shall be rejected by telephone or written notice to the Agent or address indicated by the Contractor and by simultaneous and like notice to his surety. Additionally, if Contractor or his surety does not cure the default within the time set by the said Agent on behalf of the City of Trenton, then the said Agent on behalf of the City, shall have the right to procure such services or purchase such articles in their place and stead in the open market as are needed for replacement, and from the best source available in the judgment of the said Agent and to charge the expense of such articles or work performed to Contractor and to deduct the amount thereof from any moneys due or to become due to Contractor by virtue of this agreement. Provided, however, that the surety on the bond of Contractor for the faithful performance of this agreement shall be first

notified of the necessity for such replacement and given the same time allowance for such replacement as is given Contractor.

FIFTH. This contract shall not be amended, assigned or subcontracted without the consent of the City of Trenton in writing (if the total compensation payable thereunder shall thereby exceed \$2,500.00, approval by Resolution of the Governing Body shall be required), and any breach of this convenient shall authorize the City of Trenton, by its said Agent, to declare this contract null and void and to refuse to make any further payments thereunder to Contractor.

SIXTH. In case of any conflict between the provisions of this agreement and of any of the provisions of the specifications, the latter shall govern and control.

Applicable for Public Construction Contracts Only: "Dispute Resolution Procedures (NJSA 40A:11-50). Disputes arising under this contract shall be subject to mediation or non-binding arbitration at the sole discretion of the City of Trenton, before a construction industry mediator or arbitrator or panels thereof. The City of Trenton shall have the right to select a third party to mediate any disputes arising under this agreement and the mediation shall be conducted informally in a manner decided upon by the mediator".

SEVENTH. Contractor hereby agrees to pay all workmen as a minimum the prevailing wages rate in accordance with Chapter 150 of the New Jersey Laws of 1963, Prevailing Wages on Public Contracts and U.S. Department of Labor Wage Rates with the higher rate for any given occupation being the governing rate, and N.J.S.A. 10:2-1 et seq., prohibiting discrimination in employment on public contracts.

EIGHTH. During the performance of this contract, the contractor agrees as follows:

a. CONTRACTOR or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, or sex. CONTRACTOR will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. Such action shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

b. CONTRACTOR or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

c. CONTRACTOR or subcontractor where applicable, will send to each labor union

or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of CONTRACTOR's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

d. THE CONTRACTOR or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c.127, as amended and supplemented from time to time. (N.J.A.C. 17:27-3.4)

Note: A public works contract for a subcontractor with a total work force of four or fewer employees or for a contractor or subcontractor performing under an existing Federally approved or sanctioned affirmative action program shall contain as mandatory language only paragraphs a, b, and c above, and the contract shall not contain any other mandatory language prescribed by N.J.A.C. 17:27. (N.J.A.C. 17:27-3.4) (c)

e. All bidders and all contractors who are negotiating for a procurement or service contract with the public agency which is not subject to a federally approved or sanctioned affirmative action program are required to submit to the public agency, prior to or at the time the contract is submitted for signing

by the public agency (in accordance with N.J.A.C. 17:27-4.3 promulgated by the Treasurer pursuant to P.L. 1975, c. 127), one of the following three documents:

1. Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program; or

2. A certificate of employee information report approval issued in accordance N.J.A.C. 17:27-4; or

3. An initial employee information report consisting of forms provided by the affirmative action office and completed by the contractor in accordance with N.J.A.C. 17:27-4. (N.J.A.C. 17:27-3.3) (a)

f. CONTRACTOR or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the affirmative action office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time. (N.J.A.C. 17:27-5.3) (a) (1)

g. CONTRACTOR or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status or sex, gender identity or expression, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. (N.J.A.C. 17:27-5.3) (a) (2)

h. CONTRACTOR or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey, and as established by applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (3)

i. CONTRACTOR or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, or sex, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (4)

j. CONTRACTOR agrees that in the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity, or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates. (N.J.S.A. 10:2-1) (a)

k. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex. (N.J.S.A. 10:2-1) (b)

l. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract. (N.J.S.A. 10:2-1) (c)

m. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract. (N.J.S.A. 10:2-1) (d)

n. The parties of this contract do hereby agree that the provisions of N.J.S.A. 10:2-1 through 10:2-4, dealing with discrimination in employment on public contracts, and the rules and regulations promulgated pursuant thereto, are hereby made a part of this contract and are binding upon them. (N.J.A.C. 13:6-1.1)

o. Contractor and subcontractor agree and guarantee to afford equal opportunity in performance of the contract and, except with respect to affectional or sexual orientation, and gender identity or expression in accordance with an affirmative action program approved by the State Treasurer. (N.J.S.A. 10:5-32 and 10:5-35) (a)

p. The parties of this contract do hereby agree that the provisions of Title II of the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101 et seq., which prohibits discrimination on the basis of disability by public entities in all services programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. The contractor agrees to conduct all activities in compliance with the provisions of Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and the U.S. Department of Labor's regulations at 29 CFR Parts 31, 32 and 34.

Contractor shall cooperate with any state or federal reviews aimed at determining compliance with nondiscrimination laws and regulations authorized by State Law and expressly specified herein.

IN WITNESS WHEREOF, the City of Trenton has caused this agreement to be signed by the Mayor of the City of Trenton and its corporate seal to be hereto affixed, attested by the City Clerk, and Contractor has likewise caused this agreement to be executed the day and year first above written.

CITY OF TRENTON

Attest:

Brandon L Garcia, MMC  
Municipal Clerk

  
5/13/25

Date

  
W. Reed Gusclora, Esq. Mayor  
5.13.25

Date

and

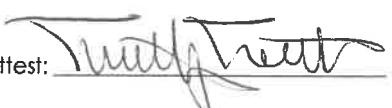
FERGUSON WATER WORKS, 507 OAK GLEN ROAD, HOWELL, NEW JERSEY 07731

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CONTRACTOR SIGNATURE

DATE

Attest:



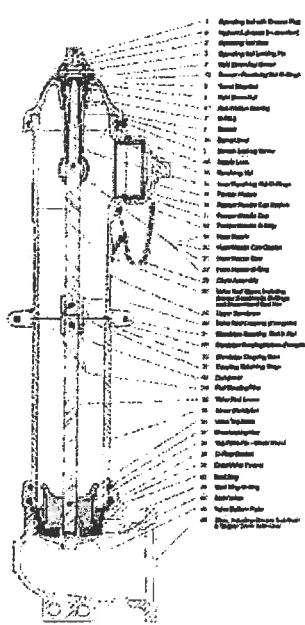
Secretary

President

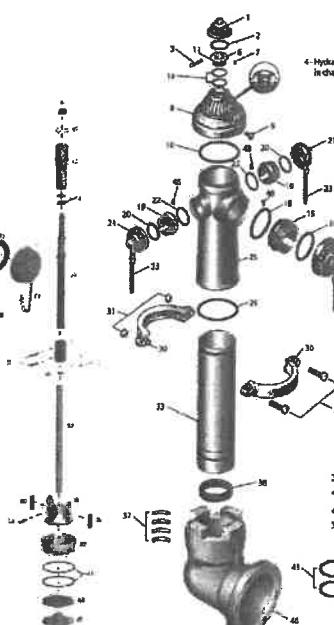
Date

*Trenton Water Works*  
*Construction & Maintenance Office*

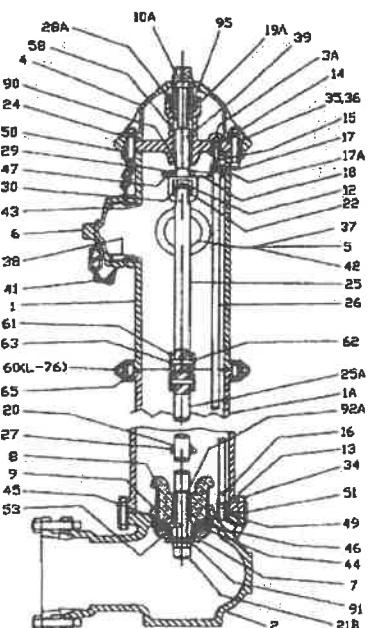
*Metropolitan M-94*



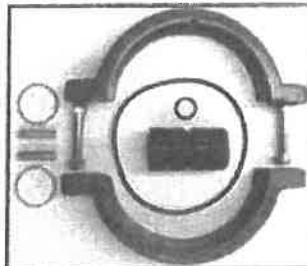
*M-250*



A.P. Smith Series S



### **Safety Flange Repair Kit**



### Extension Kit

**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

**U.S. PIPE Metropolitan M-250 Series Fire Hydrant (Open Left) Parts List**

ITEM NO.	NAME OF PART	QT. NEEDED	MATERIAL	SPECIFICATION
1	OPERATING NUT	1	DUCTILE IRON/STEEL	ASTM A53
2	OPERATING NUT SEAL	2	BRONZE	BRONZE # 70 B700
3	OPERATING NUT LOCKING PIN	2	STEEL	WELDABLE
4	FLUORONATE CO. CHAMBER	1	BRONZE 2100	FLUORONATE
5	TRAVEL STOP NUT	1	STEEL	ASTM A572 GR. 50
6	WEDGE SCREW	2	BRONZE	ASTM B644 C345
7	HELD DOWN NUT SCREW	3	STEEL	ASTM A574
8	BONNET REVERSE DIRECTION	2	DUCTILE IRON	ASTM A53
9	BONNET LOCKING SCREW	2	STAINLESS STEEL TYPE 304	
10	BONNET SEAL	3	BRONZE	BRONZE # 70 B700
11	O-RING	1	BRONZE	BRONZE # 70 B700
12	BONNET REVERSE NUT 7/8" OD BONNET	2	BRONZE	BRONZE # 70 B700
13	REVOLVING NUT/SPOUT CONNECTION	2	BRONZE	ASTM B644 C345
14	INNER REVOLVING NUT-1/8" BONNET	2	BRONZE	BRONZE # 70 B700
15	PLUNGER NOZZLE	2	FRONT IN BRONZE	ASTM B644 C345
16	PLUNGER NOZZLE CAP BASKET	3	BRONZE	B-2025 NEEDLE-LOC
17	PLUNGER NOZZLE CAP	1	CAST IRON	A-124 CLASS 2
18	PLUNGER NOZZLE CHAMFER	3	BRONZE	O-7025 BRONZE #
19	HOSE NOZZLE	2	BRONZE	ASTM B644 C345
20	HOSE NOZZLE CAP GASKET	2	BRONZE	B-2025 NEEDLE-LOC
21	HOSE NOZZLE CAP	2	CAST IRON	A-124 CLASS 2
22	HOSE NOZZLE GASKET	2	BRONZE	B-2025 NEEDLE-LOC
23	CHAM ASSY	1	STEEL	BURST PROOF
24	SOLE PLATE, REVERSE DIRECTION INCLUDES: BONNET WASHER & BONNET SCREW - SHEAR PIN	2	STAINLESS STEEL TYPE 410	ASTM B-209
25	STANDBY LEVER REVERSE WASHER	1	STEEL	BURST PROOF
26	SOLE COUPLING (OPENABLE)	2	DUCTILE IRON	ASTM A53
27	COUPLING AND STANDBY WASHER	2	CAST IRON	ASTM B644 C345
28	SOLE COUPLING PIN	2	STAINLESS STEEL TYPE 316	ASTM A276
29	STANDBY COUPLING COUPLED	3	BRONZE	BRONZE # 70 B700
30	STANDBY COUPLING VALVE & NUT	2	CAST IRON	ASTM A53 C3
31	STANDBY VALVE LOWER CAPACITY BOLT	2	STAINLESS STEEL TYPE 410	ASTM A276
32	STANDBY LEVER (OPENED) BOLT	1	DUCTILE IRON	ASTM A53
33	TOP PLATE PIN - SHEAR PIN	1	STEEL	BURST PROOF
34	VALVE TOP PLATE CAPACITY WASHER	2	DUCTILE IRON	ASTM A53
35	VALVE TOP PLATE CAPACITY WASHER	2	STAINLESS STEEL	ASTM B644 C345
36	ELBOW LOCKING KEY	4	STAINLESS STEEL	TYPE 316
37	1/2" BONNET GASKET	3	BRONZE	BRONZE # 70 B700
38	1/2" BONNET GASKET	2	BRONZE	UNETHANE
39	VALVE VALVE FACE	2	BRONZE	ASTM B644 C345
40	SEAT BONNET REVERSE WASHER	2	BRONZE	BRONZE # 70 B700
41	SEAT WASHER O-RING	2	BRONZE	BRONZE # 70 B700
42	WAFER VALVE	1	BRONZE	BRONZE # 70 B700
43	VALVE BONNET PLATE	3	DUCTILE IRON	ASTM A53
44	ELBOW INLETTING	1	DUCTILE IRON	ASTM A53
45	SURFACE SEAT	1	BRONZE	ASTM B644 C345
46	SEAT BONNET	2	DUCTILE IRON	ASTM A53
47	ANTI-FRICTION BEARING	1	BRONZE	BRONZE # 70 B700
48	NOZZLE LINE	2	STAINLESS STEEL	A-276 304 JP-01
49	IMPACT	1	BRONZE	BRONZE # 70 B700

EXTENSION KIT PARTS		QT. NEEDED	MATERIAL	SPECIFICATION
50	SWINGER	3	BRONZE	BRONZE # 70 B700
51	EXTENSION KIT PLUG ASSY (NO. 1)	1	DUCTILE IRON	ASTM A53
52	EXTENSION KIT PLUG ASSY (NO. 2)	1	DUCTILE IRON	ASTM A53
53	EXTENSION KIT PLUG ASSY (NO. 3)	1	DUCTILE IRON	ASTM A53
54	1/2" COUPLING HALF (NO. 1)	2	DUCTILE IRON	ASTM A53
55	1/2" COUPLING HALF (NO. 2)	2	DUCTILE IRON	ASTM A53
56	EXTENSION KIT PLUG ASSY (NO. 4)	2	DUCTILE IRON	ASTM A53
57	EXTENSION KIT PLUG ASSY (NO. 5)	2	DUCTILE IRON	ASTM A53

**SAFETY REPAIR KIT (40000001719)**  
 INCLUDES PART NO'S. 26, 27, 28, 29, 30, 31

OPTIONS	STANDARD	REQUIRED
VALVE SPACING	4 1/2" OR 5 3/4"	
OPEN DIRECTION	OPEN LEFT (CLOCKWISE)	
HOLE SIZE	AWWA PENT. 8 1/2" UP TO F	
HOSE NOZZLE	2-1/2" DIA. 1/2" NPT	
PLUNGER NOZZLE	1-1/2" DIA. 1/2" NPT	
NOZZLE CHAMFER	OPTIONAL	
WAFER	DN 6" INSTEAD OF 8"	
INLET ADPT	NL	

**CONFIGURATION SHOWN: 2" HOSE-1 PLUNGER**

**NOZZLE 1" IS AVAILABLE 2 1/2", 3", 3 1/2", 3 3/4", 4", 4 1/4", 4 1/2", 5"**

**ELBOW INLETS AVAILABLE 6" TEE LUG, 6" TEE TYP. LUG, 4", 4 1/2" CLASS 125 FIG. 8, 4" NL LUG**

**W/FN LISTED**

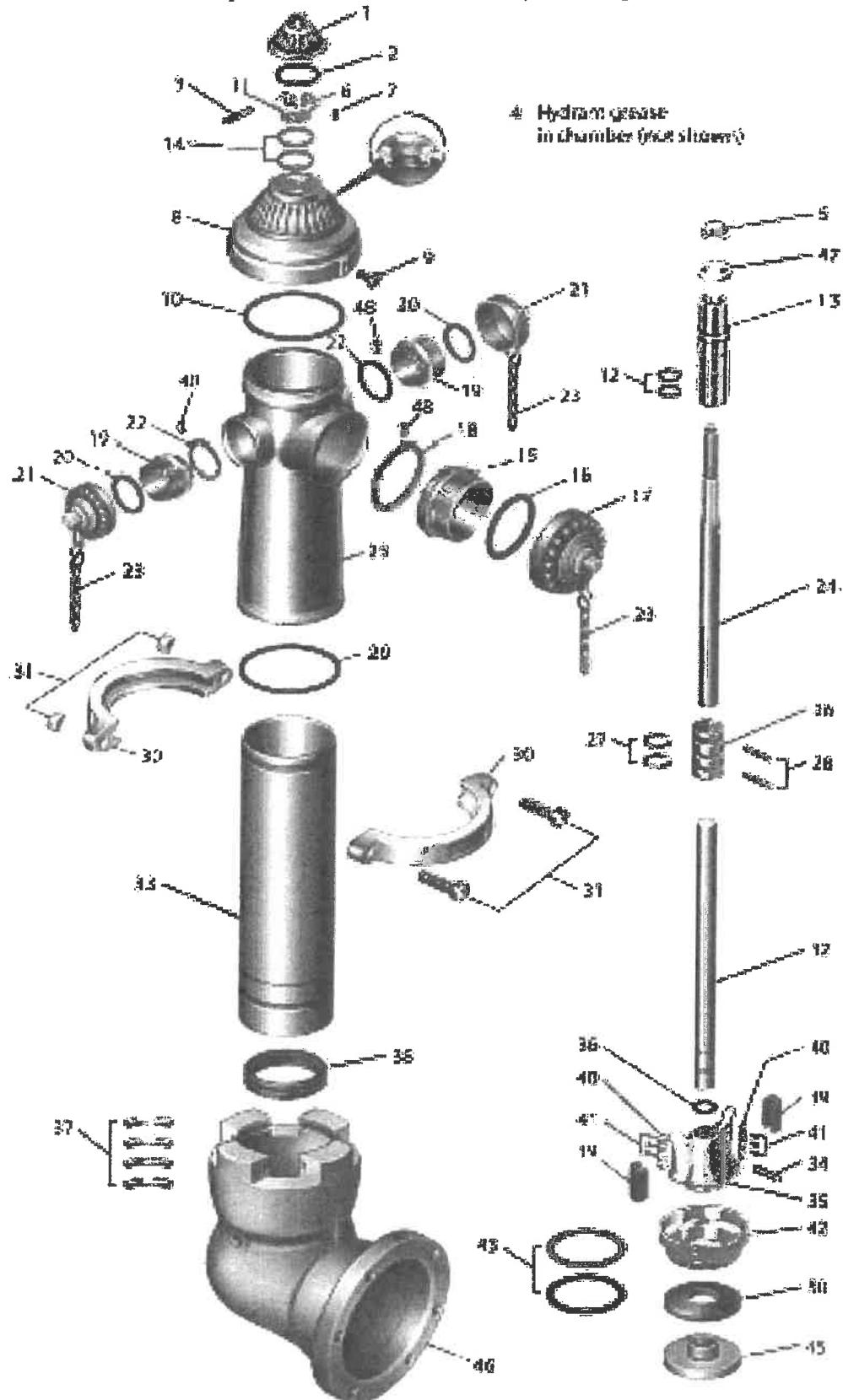
**OPTION 611**

**TYPE 410 STAINLESS STEEL UPPER & LOWER STEM**

ITEM NO.	DESCRIPTION	NET WT-1000	PER AWWA C900
58	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
59	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
60	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
61	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
62	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
63	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
64	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
65	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
66	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
67	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
68	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
69	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
70	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
71	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
72	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
73	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
74	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
75	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
76	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
77	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
78	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
79	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
80	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
81	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
82	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
83	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
84	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
85	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
86	OPERATING NUT	1/2" DIA. - 1/2" DIA. - 1/2" DIA.	
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# Trenton Water Works – 2025 Fire Hydrant Part Order Bid Proposal & Specifications

## U.S. PIPE Metropolitan M-250 Series Fire Hydrant (Open Left) Parts List

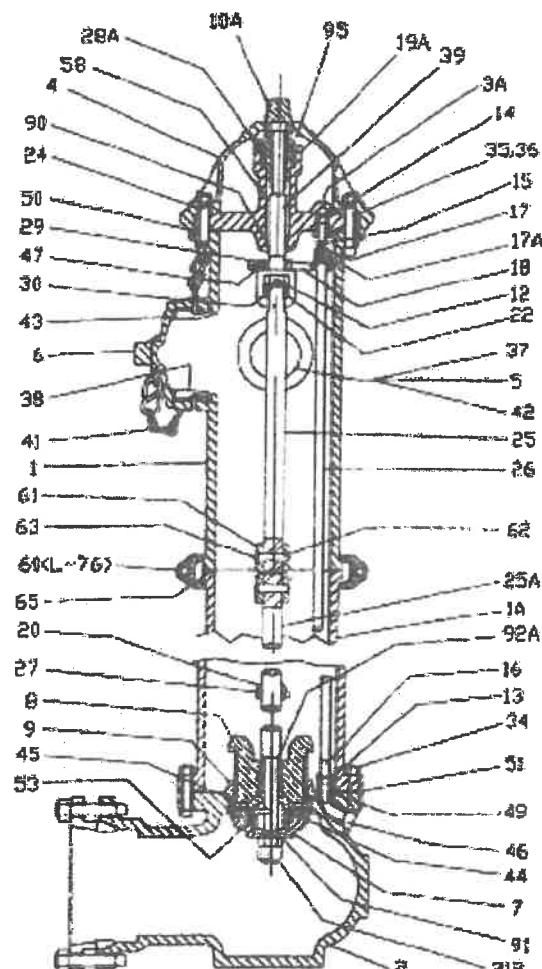


**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

A.P. SMITH Series S Fire Hydrant (Open Left Handed)

**HYDRANT PARTS LIST**

PART NO	NAME OF PART	NO. REQD.
1	STANDPIPE - UPPER SECTION	1
1A	STANDPIPE - LOWER SECTION	1
2	ELBOW	1
3A	"O" RING SEAL PLATE	1
4	BONNET	1
5	2 1/2" HOSE NOZZLE CAP	1
6	STEAMER NOZZLE CAP	1
7	MAIN VALVE BOTTOM PLATE	1
8	MAIN VALVE TOP PLATE	1
9	MAIN VALVE SEAT RING	1
10A	OPERATING NUT	1
12	SPRING PIN	1
13	DRAIN CUP	1
14	DRAIN ROD GUIDE	1
15	DRAIN ROD - UPPER EXTENSION	1
16	DRAIN ROD - LOWER EXTENSION	1
17	DRAIN ROD NUT	1
17A	DRAIN ROD LOCK NUT	1
18	CROSS BAR	1
19A	HOLD DOWN NUT	1
20	WRENCH GUIDE	1
21B	MAIN VALVE ROD BOTTOM CAP NUT	1
22	SPRING	1
24	NOZZLE CAP CHAIN BOLT AND NUT	1
25	MAIN VALVE ROD - UPPER SECTION	1
25A	MAIN VALVE ROD - LOWER SECTION	1
26	DRAIN ROD	1
27	WRENCH GUIDE SCREW	1
28A	HOLD DOWN NUT SCREW	1
29	CROSS BAR SET SCREW	1
30	SPRING WASHER	1
34	ELBOW BOLT AND NUT	1
35	"O" RING SEAL PLATE BOLT AND NUT	1
36	BONNET BOLT AND NUT	1
37	2 1/2" HOSE NOZZLE	1
38	STEAMER NOZZLE	1
39	YOKE STEM (BRONZE SHEATHED)	1
41	NOZZLE CAP CHAIN COMPLETE	1
42	12 FT" NOZZLE CAP GASKET	1
43	STEAMER NOZZLE CAP GASKET	1
44	MAIN VALVE	1
45	MAIN VALVE SEAT RING OASKET	1
46	DRAIN HOLE LINING	1
47	CROSS BAR SET SCREW LOCK NUT	1
49	DRAIN CUP GASKET	1
50	TOP FLANGE GASKET	1
51	BOTTOM FLANGE GASKET	1
53	KEY PIN FOR MAIN VALVE ROD	1
58	LUBRICANT	1
60	STANDPIPE COUPLING	1
61	MAIN ROD COUPING PIN	1
62	MAIN ROD COUPLING PINS	2
63	MAIN ROD COUPLING SPRINGS	2
64	MIDDLE FLANGE GASKET	1
90	SEAL PLATE "O" RING	2
91	MAIN VALVE ROD BOTTOM GASKET	1
92A	TOP PLATE GASKET	1
93	HOLD DOWN NUT "O" RING	1



**STANDARD HYDRANT**  
**AP SMITH #L-76**

\*As Required

	HYDRANT SIZE		
** #34 Elbow Bolt & Nut	6	8	8
*** #35 "O" Ring Seal Plate Bolt & Nut	6	8	6

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**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

**Bid Proposal:** The undersigned proposes to furnish and deliver all materials per the specifications in the requested quantities as needed (F.O.B. with price for goods including the delivery with no extra freight charge line item) to the Trenton Water Works Cortland Street Yard at 333 Cortland Street, Trenton NJ. No Substitute.

Item #	Part/Kit #	Material Description	Qty	Unit	Unit Price	Total Price
1	4000001719	Metropolitan M-94 Fire Hydrant, Safety Flange Repair Kit for 4-1/2" & 5-1/4" Hydrants	75	Each	\$ 291.00	\$ 21,825.00
2	2000003404	Metropolitan M-94 Fire Hydrant, Fire Hydrant Tool – 7/32" Allen Wrench	6	Each	\$ 28.00	\$ 168.00
3	2000003402	Metropolitan M-94 Fire Hydrant, Fire Hydrant Tool – 1/8" Allen Wrench	6	Each	\$ 16.00	\$ 96.00
4	4000021709	Metropolitan M-94 Fire Hydrant, Fire Hydrant Tool – Spanner Wrench	24	Each	\$ 395.00	\$ 9,480.00
5	4000023774	Metropolitan M-94 Fire Hydrant, Fire Hydrant Tool – Seat Removal Wrench	2	Each	\$ 365.00	\$ 730.00
6	6000001721	Metropolitan M-94 Fire Hydrant, Fire Hydrant Tool – Hydrant Wrench	2	Each	\$ 108.00	\$ 216.00
7	240750-1	Metropolitan M-94 Fire Hydrant, Fire Hydrant Nozzle Tool – Nozzle Wrench (2-1/2" & 4-1/2")	2	Each	\$ 155.00	\$ 310.00
8	2000004508	Metropolitan M-94 Fire Hydrant, Fire Hydrant Nozzle Tool – Nozzle Wrench (2-1/2" & 4")	2	Each	\$ 168.00	\$ 564.00
9	143129	Metropolitan M-94 Fire Hydrant, Fire Hydrant Nozzle Tool – Nozzle Wrench (2-1/2")	2	Each	\$ 155.00	\$ 310.00
10	143131	Metropolitan M-94 Fire Hydrant, Fire Hydrant Nozzle Tool – Nozzle Wrench (4-1/2")	2	Each	\$ 168.00	\$ 336.00
11	197673	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Operating Nut Seal (4-1/2" & 5-1/4"); Diagram # 2	12	Each	\$ 9.00	\$ 108.00
12	2000001797	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Operating Nut Locking Pin (4-1/2" & 5-1/4"); Diagram # 3	24	Each	\$ 8.75	\$ 210.00
13	200005281	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Hydrant Grease; Diagram # 4	24	Quart	\$ 8.25	\$ 198.00
14	2000001760	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Travel Stop Nut (4-1/2" & 5-1/4"); Diagram # 5	24	Each	\$ 27.00	\$ 648.00
15	4000019547	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Hold Down Nut (4-1/2" & 5-1/4"); Diagram # 6	48	Each	\$ 55.00	\$ 2,640.00
16	2000001868	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Hold Down Screw (4-1/2" & 5-1/4"); Diagram # 7	48	Each	\$ 6.00	\$ 288.00

**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

Item #	Part/Kit #	Material Description	Qty	Unit	Unit Price	Total Price
17	2000001754	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Bonnet Lock Screw (4-1/2" & 5-1/4"); Diagram # 9	24	Each	\$ 12.00	\$ 288.00
18	2000002938	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Bonnet Seal (4-1/2" & 5-1/4"); Diagram # 10	24	Each	\$ 25.00	\$ 600.00
19	197083	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Revolving Nut O-Ring (4-1/2" & 5-1/4"); Diagram # 11	96	Each	\$ 6.00	\$ 576.00
20	195705	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Hold Down Nut O-Ring (4-1/2" & 5-1/4"); Diagram # 12	96	Each	\$ 6.00	\$ 576.00
21	2874981	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts - Revolving Nut (Open Left); Diagram #13	48	Each	\$ 283.00	\$ 13,584.00
22	194556	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts - Inner Revolving Nut O-Ring; Diagram #14	96	Each	\$ 6.50	\$ 624.00
23	4000019560	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts - Inner Revolving Nut O-Ring (Open Left); Diagram #24	12	Each	\$ 335.00	\$ 4,020.00
24	2000001790	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Rod Coupling Pins; Diagram #28	36	Each	\$ 10.50	\$ 378.00
25	2000001814	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Valve Plate Pin (Shear-Proof); (4-1/2" & 5-1/4") Diagram # 34	36	Each	\$ 12.00	\$ 432.00
26	4000000624	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Bottom Valve Plate (5-1/4") Diagram # 45	24	Each	\$ 98.00	\$ 2,352.00
27	2000001704	Metropolitan M-94 Fire Hydrant, Fire Hydrant Parts – Anti-Friction Bearing; (4-1/2" & 5-1/4") Diagram # 47	24	Each	\$ 12.00	\$ 288.00
28	4000021011	Metropolitan M-250 Series Fire Hydrant, Safety Flange Repair Kit for 4-1/2" Hydrants	30	Each	\$ 284.00	\$ 8,520.00
29	4000001718	Metropolitan M-250 Series Fire Hydrant, Safety Flange Repair Kit for 5-1/4" Hydrants	30	Each	\$ 314.00	\$ 9,420.00
30	2000001716	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Hold Down Screw (4-1/2" & 5-1/4") Diagram # 7	24	Each	\$ 6.00	\$ 144.00
31	2000001820	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Top Valve Plate Pin; (4-1/2" & 5-1/4") Diagram # 34	12	Each	\$ 12.00	\$ 144.00
32	194607	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Lower Stem O-Ring; (4-1/2" & 5-1/4") Diagram # 36	24	Each	\$ 6.50	\$ 156.00
33	2000001711	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Guide Plate (4-1/2" & 5-1/4"); 2 required; Diagram # 40	12	Each	\$ 27.50	\$ 330.00

**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

Item #	Part/Kit #	Material Description	Qty	Unit	Unit Price	Total Price
34	2000001861	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Main Valve (4-1/2"); Diagram # 44	10	Each	\$ 83.00	\$ 830.0
35	2000001631	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Main Valve (5-1/4"); Diagram # 44	10	Each	\$ 99.00	\$ 990.00
36	4000022311	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Bottom Valve Plate (4-1/2"); Diagram # 45	10	Each	\$ 86.00	\$ 860.00
37	4000022300	Metropolitan M-250 Series Fire Hydrant, Fire Hydrant Parts – Bottom Valve Plate (5-1/4"); Diagram # 45	10	Each	\$ 96.00	\$ 960.00
38	4000020962	AP Smith Series S Fire Hydrant Kits – Safety Flange Repair Kit (4-1/4" & 4-1/2")	36	Each	\$ 372.00	\$ 12,392.00
39	4000020964	AP Smith Series S Fire Hydrant Kits – Safety Flange Repair Kit (5")	36	Each	\$ 396.00	\$ 14,256.00
40	241333	AP Smith Series S Fire Hydrant Parts, Operating Nut (4") - Open Left; Diagram S10A	12	Each	\$ 340.00	\$ 4,808.00
41	4000019626	AP Smith Series S Fire Hydrant Parts, Operating Nut (4-1/4") - Open Left; Diagram S10A; NST, #7 Pentagon	24	Each	\$ 340.00	\$ 8,160.00
42	4000021780	AP Smith Series S Fire Hydrant Parts, Operating Nut (5") - Open Left; Diagram S10A	18	Each	\$ 298.00	\$ 5,364.00
43	4000021785	AP Smith Series S Fire Hydrant Parts, Drip Rod Guide (4"); Diagram S14	12	Each	\$ 49.00	\$ 588.00
44	4000019545	AP Smith Series S Fire Hydrant Parts, Drip Rod Guide (4-1/4" & 5"); Diagram S14	12	Each	\$ 49.00	\$ 588.00
45	2000001611	AP Smith Series S Fire Hydrant Parts, Drip Rod Nut (4"); Diagram S17	24	Each	\$ 47.00	\$ 1,128.00
46	2000001753	AP Smith Series S Fire Hydrant Parts, Drip Rod Nut (4-1/4" & 5"); Diagram S17	24	Each	\$ 13.00	\$ 312.00
47	2000001611	AP Smith Series S Fire Hydrant Parts, Drip Rod Lock Nut (4"); Diagram S17A	12	Each	\$ 46.00	\$ 552.00
48	2000001753	AP Smith Series S Fire Hydrant Parts, Drip Rod Lock Nut (4-1/4" & 5"); Diagram S17A	24	Each	\$ 12.50	\$ 300.00
49	4000021787	AP Smith Series S Fire Hydrant Parts, Cross Bar (4"); Diagram S18	24	Each	\$ 61.00	\$ 1,464.00
50	4000019550	AP Smith Series S Fire Hydrant Parts, Cross Bar (4-1/4"); Diagram S18	24	Each	\$ 61.00	\$ 1,464.00

**Trenton Water Works – 2025 Fire Hydrant Part Order**  
**Bid Proposal & Specifications**

Item #	Part/Kit #	Material Description	Qty	Unit	Unit Price	Total Price
51	4000021788	AP Smith Series S Fire Hydrant Parts, Cross Bar (5"); Diagram S18	24	Each	\$ 61.00	\$ 1,464.00
52	4000021786	AP Smith Series S Fire Hydrant Parts, Hold Down Nut (4"); Diagram S19A	24	Each	\$ 61.00	\$ 1,464.00
53	4000019546	AP Smith Series S Fire Hydrant Parts, Hold Down Nut (4-1/4" & 5"); Diagram S19A	24	Each	\$ 90.00	\$ 2,160.00
54	2000001708	AP Smith Series S Fire Hydrant Parts, Hold Down Nut Screw (4", 4-1/4" & 5"); Diagram S28A	18	Each	\$ 5.00	\$ 90.00
55	2000001646	AP Smith Series S Fire Hydrant Parts, Cross Bar Set Screw (4", 4-1/4" & 5"); Diagram S29	18	Each	\$ 5.00	\$ 90.00
56	40000195570	AP Smith Series S Fire Hydrant Parts, Yoke Stem (4-1/4") – Open Left; Diagram S39	18	Each	\$ 250.00	\$ 4,500.00
57	4000021740	AP Smith Series S Fire Hydrant Parts, Yoke Stem (5") – Open Left; Diagram S39	18	Each	\$ 308.00	\$ 5,544.00
58	2000001811	AP Smith Series S Fire Hydrant Parts, Hose Nozzle Cap Gasket (4", 4-1/4" & 5"); Diagram S42	60	Each	\$ 6.00	\$ 360.00
59	2000001794	AP Smith Series S Fire Hydrant Parts, Pumper Nozzle Cap Gasket (4", 4-1/4" & 5"); Diagram S43	60	Each	\$ 23.00	\$ 1,380.00
60	2000001715	AP Smith Series S Fire Hydrant Parts, Cross Bar Set Screw Lock Nut (4", 4-1/4" & 5"); Diagram S47	24	Each	\$ 5.00	\$ 120.00
61	2000001685	AP Smith Series S Fire Hydrant Parts, Drain Cup Gasket (4"); Diagram S49	12	Each	\$ 6.00	\$ 72.00
62	2000001733	AP Smith Series S Fire Hydrant Parts, Drain Cup Gasket (4-1/4" & 5"); Diagram S49	12	Each	\$ 6.00	\$ 72.00
Grand Total >>						\$ 153,163.00

Bids shall be awarded based on the lowest responsible and responsive bid meeting the specifications.