

**BID2020-78 REPAIR OF WATER DISTRIBUTION INFRASTRUCTURE ON AN AS NEEDED BASIS  
FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER BIDS OPENED ON  
11/18/2020AT 11:00AM**

BID2020-78 REPAIR OF WATER DISTRIBUTION INFRASTRUCTURE ON AN AS NEEDED BASIS FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER				
NUMBER OF RESPONDENTS:	<b>4</b>			
NAME OF BIDDER	<b>DEWCON, INC.</b>	<b>WATERS AND BUGBEE, INC.</b>	<b>JOSEPH JINGOLI AND SON, INC.</b>	<b>TED DOLCI, INC.</b>
ADDRESS	P.O. BOX 439	75 SOUTH GOLD DRIVE	100 LENOX DRIVE, SUITE 100 LAWRENCEVILLE, NJ 08648	340 PATTERSON AVENUE
CITY, STATE, ZIP	BASKING RIDGE, NJ 07920	HAMILTON, NJ 08691		HAMILTON, NJ 08610
CONTACT NAME	<b>FRANK S. DEWEY</b>	<b>JEFFREY S. WATERS, PRESIDENT</b>	<b>PATRICK REAGER</b>	<b>ADAM REYMANN</b>
TELEPHONE	908-832-5710	609-584-1100	609-896-3111	609-890-7402
FAX	908-832-0784	609-584-2200	609-219-0799	609-584-7379
E-MAIL	<a href="#">N/A</a>	<a href="mailto:BIDS@WATERSANDBUGBEE.COM">BIDS@WATERSANDBUGBEE.COM</a>	<a href="mailto:PREAGER@JINGOLI.COM">PREAGER@JINGOLI.COM</a>	<a href="mailto:AREYMANN@TDOLCI.COM">AREYMANN@TDOLCI.COM</a>
STATEMENT OF OWNERSHIP DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED
BID GUARANTEE	10% PHILADELPHIA INSURANCE COMPANIES W.P.O.A/LISA NOSAL	10% FIDELITY AND DEPOSIT COMPANY OF MARYLAND W.P.O.A JANE L. FEDORCZYK	10% LIBERTY MUTUAL INSURANCE COMPANY W.P.O.A/LORI N. BAYBUTT	BONDING AND INSURANCE COMPANY W.P.O.A./CARMEN J. CAVALIERE
CONSENT OF SURETY	PHILADELPHIA INSURANCE COMPANIES <b>REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS</b>	FIDELITY AND DEPOSIT COMPANY OF MARYLAND <b>REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS</b>	LIBERTY MUTUAL INSURANCE COMPANY <b>REQUIRED FROM AWARDED VENDOR WITH SIGNED</b>	CONTRACTORS BONDING AND INSURANCE COMPANY <b>REQUIRED FROM AWARDED VENDOR WITH SIGNED CONTRACTS</b>
PERFORMANCE BOND AND LABOR AND MATERIAL PAYMENT BOND				
AFFIRMATIVE ACTION REGULATIONS QUESTIONNAIRE	INCLUDED	INCLUDED	INCLUDED	INCLUDED
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A	INCLUDED	INCLUDED	INCLUDED	INCLUDED
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT B	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA #1	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA #1 AND #2	INCLUDED	INCLUDED	INCLUDED	INCLUDED
NJ BUSINESS REGISTRATION CERTIFICATE OF CONTRACTOR	<b>REQUIRED FROM AWARDED VENDOR</b>	INCLUDED	INCLUDED	INCLUDED
NJPW CONTRACTOR REGISTRATION CERTIFICATE FROM CONTRACTOR	CERT.#632659 EXP. 09/15/2021	CERT.#60176 EXP. 04/03/2022	CERT.#603510 EXP. 04/23/2022	
NOTICE OF INTENT TO SUBCONTRACT	YES	YES	NO	YES
SUBCONTRACTOR(S)	GRES PAVING CO, INC.(PAVING)	ATLANTIC INFRARED, INC.(INFRARE RESTORATION)	NO	RUSLING PAVING AND CONCRETE, LLC(PAVING)
NJ BUSINESS REGISTRATION CERTIFICATE FROM SUBCONTRACTOR(S)	GRES PAVING CO, INC.(PAVING)-INCLUDED	ATLANTIC INFRARED, INC.(INFRARE RESTORATION)- INCLUDED	NO	RUSLING PAVING AND CONCRETE, LLC(PAVING)
NJPW CONTRACTOR REGISTRATION CERTIFICATE FROM SUB-CONTRACTOR(S)	GRES PAVING CO, INC.(PAVING) CERT.#67716 EXP. 05/05/2022	ATLANTIC INFRARED, INC.(INFRARE RESTORATION)CERT.#640490 EXP.09/18/2022	NO	RUSLING PAVING AND CONCRETE, LLC(PAVING)
PREVAILING WAGE STATEMENT	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EQUIPMENT CERTIFICATION	INCLUDED	INCLUDED	INCLUDED	INCLUDED
NON-COLLUSION AFFADAVIT	INCLUDED	INCLUDED	INCLUDED	INCLUDED
AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE	INCLUDED	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ETHIC COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED
DEBARMENT NOTICE CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED	INCLUDED
CERTIFICATE OF INSURANCE	<b>REQUIRED FROM AWARDED VENDOR</b>	<b>REQUIRED FROM AWARDED VENDOR</b>	<b>REQUIRED FROM AWARDED VENDOR</b>	<b>REQUIRED FROM AWARDED VENDOR</b>
60-DAY EXTENSION COMPLIANCE	NO	YES	YES	YES
COMPLIANCE WITH EMERGENCY SERVICES	YES	YES	YES	YES
REFERENCES	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EXCEPTIONS (IF ANY)	NONE	NONE	YES SEE ATTACHED	NONE
TOTAL SUPPLEMENTARY BID ITEMS TOTAL	<b>\$638,650.00</b>	<b>\$521,200.00</b>	<b>\$730,200.00</b>	<b>\$604,600.00</b>
TOTAL BASE BID PRICE	<b>\$1,416,250.00</b>	<b>\$1,858,275.00</b>	<b>\$2,132,550.00</b>	<b>\$2,331,708.00</b>
FATAL FLAW	NONE	NONE	NONE	NONE

*Dawson  
INC. (1)*

BID FORM Section 00400

City of Trenton, Department of Water and Sewer –

Division of Water – Trenton Water Works (TWW)

Request for Bid: Repair of Water Distribution Infrastructure on an As Needed Basis

Bid form unit prices shall include all labor as specified in Summary of Work 01010. Bidders shall assume base bid work for normal working hours (7:30 AM – 5:30 PM Monday-Friday). Bid form unit prices shall include bidder traffic control costs, and exclude uniformed police for traffic control. When needed, uniformed police traffic control expenses will be passed directly through to TWW with no markup applied.

BIDDER: PLEASE COMPLETE COSTS FOR EACH ITEM

Item No.	Description of Items
A.	REPAIR OF WATER SERVICE & MAIN LEAKS AND BREAKS
A-1.	REPAIR OF WATER SERVICE LEAKS
A-1a.	Repair of Water Service Leaks above 2 inches up to 4 inches diameter pipes <p>\$ <u>5,000.00</u> per each</p> <p><i>Five Thousand Dollars</i> (write unit price in words)</p>
A-2.	REPAIR OF WATER MAIN LEAKS BY RE-CAULKING AND/OR USING JOINING CLAMPS OR REPAIR CLAMPS
A-2a.	4-inch up to 6-inch diameter mains <p>\$ <u>6,200.00</u> per each</p> <p><i>Six Thousand Two Hundred Dollars</i> (write unit price in words)</p>
A-2b.	8 inch up to 10 inch diameter mains <p>\$ <u>7,200.00</u> per each</p> <p><i>Seven Thousand Two Hundred Dollars</i> (write unit price in words)</p>
A-2c.	12-inch up to 16-inch diameter mains \$ <u>12,500.00</u> per each <p><i>Twelve Thousand Five Hundred Dollars</i> (write unit price in words)</p>

A-2d.	20 inch diameter mains \$ <u>15,000.00</u> per each <u>Fifteen Thousand Dollars</u> (write unit price in words)
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND/OR WELDING
A-3a	48-inch diameter mains \$ <u>16,000.00</u> per each <u>Sixteen Thousand Dollars</u> (write unit price in words)
A-4.	REPLACEMENT OF LEAKING WATER VALVES
A-4a.	4-inch up to 6-inch diameter mains \$ <u>6,000.00</u> per each <u>Six Thousand Dollars</u> (write unit price in words)
A-4b.	8-inch up to 10-inch diameter mains \$ <u>6,800.00</u> per each <u>Sixty-Eight Hundred Dollars</u> (write unit price in words)
A-4c.	12-inch up to 16-inch diameter mains \$ <u>17,000.00</u> per each <u>Seventeen Thousand Dollars</u> (write unit price in words)
A-4d.	20-inch diameter mains \$ <u>18,500.00</u> per each <u>Eighteen Thousand-Five Hundred Dollars</u> (write unit price in words)

A-4e.	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level  \$ <u>250.00</u> per each  <u>Two Hundred + Fifty Dollars</u> (write unit price in words)
A-5.	REPAIR OF WATER MAINS BY REPLACEMENT OF FITTINGS (including 2 LF of pipe on each side of fitting and couplings)
A-5a.	4-inch up to 6-inch diameter mains  \$ <u>6,300.00</u> per each.  <u>Sixty - Three Hundred Dollars</u> (write unit price in words)
A-5b.	8-inch up to 10-inch diameter mains  \$ <u>6,300.00</u> per each  <u>Sixty - Three Hundred Dollars</u> (write unit price in words)
A-5c.	12-inch up to 16-inch diameter mains  \$ <u>12,500.00</u> per each  <u>Twelve Thousand - Five Hundred Dollars</u> (write unit price in words)
A-5d.	20-inch diameter mains  \$ <u>14,500.00</u> per each.  <u>Fourteen Thousand - Five Hundred Dollars</u> (write unit price in words)
A-6.	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (less than 6 linear feet)
A-6a.	4-inch up to 6-inch diameter mains  \$ <u>6,300.00</u> per each  <u>Sixty - Three Hundred Dollars</u> (write unit price in words)

A-6b.	8-inch up to 10-inch diameter mains \$ <u>6,500.00</u> per each <u>Fifty - Five Hundred Dollars</u> (write unit price in words)
A-6c.	12 up to 16-inch diameter mains \$ <u>9,000.00</u> per each <u>Nine Thousand Dollars</u> (write unit price in words)
A-6d.	20-inch diameter mains \$ <u>11,000.00</u> per each <u>Eleven Thousand Dollars</u> (write unit price in words)
A-7	REPLACEMENT OF ADDITIONAL PIPE (BEYOND 6 FT.) AS DIRECTED
A-7a.	4-inch up to 6-inch diameter mains \$ <u>500.00</u> per LF <u>Five Hundred Dollars</u> (write unit price in words)
A-7b.	8-inch up to 10-inch diameter mains \$ <u>500.00</u> per LF <u>Five Hundred Dollars</u> (write unit price in words)
A-7c.	12-inch up to 16-inch diameter mains \$ <u>500.00</u> <u>600.00</u> per LF <u>Five Hundred Dollars</u> (write unit price in words)
A-7d.	20-inch diameter mains \$ <u>500.00</u> <u>600.00</u> per LF <u>Five Hundred Dollars</u> (write unit price in words)

B.	<b>INSTALLATION OF WATER MAIN EXTENSION</b> (in local roads only) LESS THAN 6 FT. DEEP
B-1.	Installation of 4-inch up to 6-inch diameter water main extension  \$ <u>100.00</u> per LF <u>One Hundred Dollars</u> (write unit price in words)
B-2	Installation of 8-inch up to 10-inch diameter water main extension  \$ <u>125.00</u> per LF <u>One Hundred - Twenty - Five Dollars</u> (write unit price in words)
B-3	Installation of 12-inch up to 16-inch diameter water main extension  \$ <u>150.00</u> per LF <u>One Hundred + Fifty Dollars</u> (write unit price in words)
B-4	Installation of 20-inch diameter water main extension  \$ <u>310.00</u> per LF <u>Three Hundred + Ten Dollars</u> (write unit price in words)
C.	<b>HYDRANTS</b>
C-1	Hydrant Replacement  \$ <u>4,200.00</u> per each <u>Four Thousand - Two Hundred Dollars</u> (write unit price in words)
<b>TRAFFIC CONTROL EXPENSES</b>	
Directly passed through to TWW on an as needed basis.	
D.	<b>TEST PITS and DEEP EXCAVATIONS</b>
D-1	Test pits/ holes less than 6 ft deep  \$ <u>100.00</u> per pit/hole <u>One Hundred Dollars</u> (write unit price in words)
D-2	Deep Excavations ( trenches and test pits greater than or equal to 6 FT deep)

	<p>\$ <u>100.00</u> /per cu.yd.</p> <p>@ <u>One Hundred Dollars</u> (write unit price in words)</p>
E.	COUNTY and STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION
E-1	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads</p> <p>\$ <u>450.00</u> per sq yd</p> <p>\$ <u>Four Hundred + Fifty Dollars</u> (write unit price in words)</p>
E-2	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course and 8 inch Superpave Base Course 9HMA25M64) in Mercer County Roads</p> <p>\$ <u>425.00</u> per sq.yd</p> <p>\$ <u>Four Hundred + Twenty-Five Dollars</u> (write unit price in words)</p>
E-3	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) in NJDOT Roads</p> <p>\$ <u>160.00</u> per sq.yd</p> <p>\$ <u>One Hundred + Sixty Dollars</u> (write unit price in words)</p>
E-4	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course in Mercer County Roads</p> <p>\$ <u>145.00</u> per sq.yd</p> <p>\$ <u>One Hundred + Forty-Five Dollars</u> (write unit price in words)</p>
F.	<p>WATER SERVICES</p> <p>For 3/4 -inch, 1-inch, 1-1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. <u>Prices in item F include sidewalk and curb restoration.</u></p>

F-1	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.</p> <p>\$ <u>3,400.00</u> per Service</p> <p>\$ <u>Thirty - Four Hundred Dollars</u> (Write Unit Price)</p>
F-2	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.</p> <p>\$ <u>3,300.00</u> per Service</p> <p>\$ <u>Thirty - Three Hundred Dollars</u> (Write Unit Price)</p>
F-3	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.</p> <p>\$ <u>3,400.00</u> per Service</p> <p>\$ <u>Thirty - Four Hundred Dollars</u> (Write Unit Price)</p>
F-4	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.</p> <p>\$ <u>3,300.00</u> per Service</p> <p>\$ <u>Thirty - Three Hundred Dollars</u> (Write Unit Price)</p>



F-5	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.</p> <p>\$ <u>4,500.00</u> per Service</p> <p>\$ <u>Forty - Five Hundred Dollars</u> (Write Unit Price)</p>
F-6	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.</p> <p>\$ <u>4,300.00</u> per Service</p> <p>\$ <u>Forty - Three Hundred Dollars</u> (Write Unit Price)</p>
F-7	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.</p> <p>\$ <u>4,500.00</u> per Service</p> <p>\$ <u>Forty - Five Hundred Dollars</u> (Write Unit Price)</p>
F-8	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads with corporation tapping.</p> <p>\$ <u>4,300.00</u> per service</p> <p>\$ <u>Forty - Three Hundred Dollars</u> (Write Unit Price)</p>

F-9	<p data-bbox="415 184 1084 226">For Excavation and Replacement of leaking curb stops</p> <p data-bbox="415 237 1182 294">\$ <u>1,300.00</u> per Service</p> <p data-bbox="415 346 1198 441">\$ <u>Thirteen Hundred Dollars</u> (Write Unit Price)</p>
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**SUPPLEMENTARY BID LIST ITEMS**

**ITEM S-1      NOT USED**

**ITEM S-2: FOR ADDITIONAL PAVEMENT, CONCRETE REPAIR AND MATERIALS:**

Item S2-1      Concrete

\$ 250.00 per CY

\$ Two Hundred + Fifty Dollars  
(Write Unit Price)

Item S2-2      Infra-red Pavement Repair and Patching

\$ 85.00 per sq yd

\$ Eighty - Five Dollars  
(Write Unit Price)

Item S2-3      Clean Stone

\$ 45.00 per CY

\$ Forty - Five Dollars  
(Write Unit Price)

Item S2-4 Dense Graded Aggregate

\$ 55.00 per CY

\$ Fifty - Five Dollars  
(Write Unit Price)

Item S2-5 Final Road Restoration in Township and City Roads

\$ 400.00 per SY

\$ Four Hundred Dollars  
(Write Unit Price)

**S-3. LABOR and EQUIPMENT RATES**

Labor rates specified in Supplementary Bid Item S-3 apply to normal working hours 7:30 AM – 5:30 PM Monday through Friday.

For work performed outside of normal working hours, the Contractor will be compensated for overtime labor at a rate of 1.5x the rate specified in Supplementary Bid Item S-3. This applies to work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days.

For all bid items that are to include labor as specified in Section 01010 Summary of Work, the Contractor shall be compensated for overtime pay for work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days. The additional overtime pay compensation shall be at a rate of 0.5X the rate specified in Supplementary Bid Item S-3.

Item S3-1 Foreman

Labor Rate:

\$ 130.00 per hour

\$ One Hundred + Thirty Dollars  
(write unit price in words)

Item S3-2 Water Repairer

Labor Rate:

\$ 130.00 per hour

\$ One Hundred + Thirty Dollars  
(write unit price in words)

Item S3-3 Laborer

Labor Rate:

\$ 127.00 per hour

\$ One Hundred + Twenty - Seven Dollars  
(write unit price in words)

Item S3-4 Heavy Equipment Operator

Regular Rate:

\$ 144.00 per hour

\$ One Hundred + Forty Four Dollars  
(write unit price in words)

Item S3-5 Dump Truck Driver

Regular Rate:

\$ 130.00 per hour

\$ One Hundred + Thirty Dollars  
(write unit price in words)

Item S3-6 Flagman

Regular Rate:

\$ 95.00 per hour

\$ Thirty - Five Dollars  
(write unit price in words)

Item S3-7 Dump Truck

\$ 60.00 per hour

\$ Sixty Dollars  
(write unit price in words)

Item S3-8 Pickup Truck

\$ 25.00 per hour

\$ Twenty Five Dollars  
(write unit price in words)

Item S3-9 Back-hoe

\$ 70.00 per hour

\$ Seventy Dollars  
(write unit price in words)

Item S3-10 Utility Truck

\$ 45.00 per hour

\$ Forty Five Dollars  
(write unit price in words)

Item S3-11 Water Pump

\$ 5.00 per hour

\$ Five Dollars  
(write unit price in words)

Item S3-12 Tamper

\$ 25.00 per hour

\$ Twenty Five Dollars  
(write unit price in words)

Item S3-13 Attenuator Truck

\$ 75.00 per hour

\$ Seventy - Five Dollars  
(write unit price in words)

Item S3-14 Generator

\$ 10.00 per hour

\$ Ten Dollars  
(write unit price in words)

Item S3-15 Jackhammer

\$ 1.00 per hour

\$ One Dollar  
(write unit price in words)

Item S3-16 Air Compressor

\$ 25.00 per hour

\$ Twenty - Five Dollars  
(write unit price in words)

TWW-Bid Evaluation formula - Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS					Bidder	
Item No	Description	Est. Qty	Unit	Unit Price	Amount	
A	REPAIR OF WATER SERVICE & MAIN LEAKS					
A-1	REPAIR OF WATER SERVICE LEAKS					
A1-a	Repair of water Service Leaks above 2 inches up to 4 inches diameter pipes	5	EA	\$ 5,000.00	\$ 25,000.00	
A-2	REPAIR OF WATER LEAKS BY RECAULKING AND /OR USING JOINING CLAMPS OR REPAIR CLAMPS		EA			
A-2a	4-inch up to 6 - inch diameter mains	7	EA	\$ 6,200.00	\$ 43,400.00	
A-2b	8 - inch up to 10 - inch diameter mains	7	EA	\$ 7,200.00	\$ 50,400.00	
A-2c	12 - inch up to 16 - inch diameter mains	7	EA	\$ 12,500.00	\$ 87,500.00	
A-2d	20 inch diameter mains	2	EA	\$ 15,000.00	\$ 30,000.00	
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND / OR WELDING					
A-3a	48 - inch diameter mains	1		\$ 16,000.00	\$ 16,000.00	
A-4	REPLACEMENT OF LEAKING WATER VALVES					
A-4a	4-inch up to 6-inch diameter mains	7	EA	\$ 6,000.00	\$ 42,000.00	
A-4b	8-inch up to 10-inch diameter mains	20	EA	\$ 6,800.00	\$ 136,000.00	
A-4c	12-inch up to 16-inch diameter mains	10	EA	\$ 17,000.00	\$ 170,000.00	
A-4d	20-inch diameter mains	1	EA	\$ 18,500.00	\$ 18,500.00	
A-4e	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level	150	EA	\$ 250.00	\$ 37,500.00	
A-5	REPAIRS OF WATER MAINS BY REPLACEMENT OF FITTINGS					
A-5a	4-inch up to 6-inch diameter mains	10	EA	\$ 6,300.00	\$ 63,000.00	
A-5b	8-inch up to 10-inch diameter mains	3	EA	\$ 6,300.00	\$ 18,900.00	
A-5c	12-inch up to 16-inch diameter mains	1		\$ 12,500.00	\$ 12,500.00	
A-5d	20-inch diameter mains	1		\$ 14,500.00	\$ 14,500.00	
A-6	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (LESS THAN 6 FT.)					
A-6a	4-inch up to 6-inch diameter mains	13	per/sectn	\$ 6,300.00	\$ 81,900.00	
A-6b	8-inch up to 10-inch diameter mains	7	per/sectn	\$ 6,500.00	\$ 45,500.00	
A-6c	12-inch up to 16-inch diameter mains	5	per/sectn	\$ 9,000.00	\$ 45,000.00	
A-6d	20-inch diameter mains	5	per/sectn	\$ 11,000.00	\$ 55,000.00	
A-7	REPLACEMENT OF ADDITIONAL PIPE ( BEYOND 6FT.) AS DIRECTED					
A-7a	4-inch up to 6-inch diameter mains	50	LF	\$ 500.00	\$ 25,000.00	
A-7b	8-inch up to 10-inch diameter mains	25	LF	\$ 500.00	\$ 12,500.00	
A-7c	12-inch up to 16-inch diameter mains	12	LF	\$ 600.00	\$ 7,200.00	
A-7d	20-inch diameter mains	25	LF	\$ 600.00	\$ 15,000.00	
B	INSTALLATION OF WATER MAIN EXTENSION (in local Roads only) LESS THAN 6 FT. DEEP					
B-1	Installation of 4-inch up to 6-inch diameter water main extension	100	LF	100.00	\$ 10,000.00	
B-2	Installation of 8-inch up to 10-inch diameter	50	LF	125.00	\$ 6,250.00	
B-3	Installation of 12-inch up to 16-inch diameter	100	LF	150.00	\$ 15,000.00	
B-4	Installation of 20-inch diameter	25	LF	310.00	\$ 7,750.00	
C	HYDRANTS					
C-1	Hydrant replacement	12	EA	4,200.00	\$ 50,400.00	
	TRAFFIC CONTROL ALLOWANCE					
	Pass through expenses only - no mark ups					
D	EXCAVATION AND BACKFILL OF TEST PITS					
D-1	Test pits/holes less than 6 ft. deep	25	EA	100.00	\$ 2,500.00	
D-2	Deep Excavations (trenches and test pits greater than or equal to 6 ft. deep)	15	Cu Yds	100.00	\$ 1,500.00	
E	COUNTY AND STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION					
E-1	Furnishing and installing 2 in. Superpave top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads	50	Sq. Yds	450.00	\$ 22,500.00	
E-2	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course and 8 in. Superpave Base Course (9HMA25M64) in Mercer County Roads	150	Sq. Yds	425.00	\$ 63,750.00	
E-3	Furnishing and installing 2 in. Superpave Top course (MHS 12.5M76) in NJDOT Roads	25	Sq. Yds.	160.00	\$ 4,000.00	
E-4	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course in Mercer County Roads	40	Sq. Yds.	145.00	\$ 5,800.00	
F	WATER SERVICES - For 3/4 -inch, 1-inch, 1-1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. Prices in Item F include sidewalk and curb restoration.					
F-1	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.	7	per service	3,400.00	\$ 23,800.00	
F-2	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.	15	per service	3,300.00	\$ 49,500.00	
F-3	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.	5	per service	3,400.00	\$ 17,000.00	
F-4	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.	5	per service	3,300.00	\$ 16,500.00	
F-5	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.	2	per service	4,500.00	\$ 9,000.00	
F-6	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.	2	per service	4,300.00	\$ 8,600.00	
F-7	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.	2	per service	4,500.00	\$ 9,000.00	
F-8	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in new Jersey State Highway Roads with corporation tapping.	2	per service	4,300.00	\$ 8,600.00	
F-9	For Excavation and Replacement of Leaking Curb Stops	25	per service	1,300.00	\$ 32,500.00	
	TOTAL BASE BID PRICE				\$ 1,416,250.00	



## Appendix C

		SUPPLEMENTARY BID LIST ITEMS			Bidder	
S-1		Not used.	Est. Qty	Unit	Unit Price	Amount
S-2		SUPPLEMENTARY PAVEMENT AND CONCRETE REPAIR AND MATERIALS				
		PAVEMENT AND CONCRETE REPAIR AND REPLACEMENT				
	S2-1	Concrete	50	CY	250.00	\$ 12,500.00
	S2-2	Infra-red Pavement Repair and Patching	500	CY	85.00	\$ 42,500.00
	S2-3	Clean Stone	500	CY	45.00	\$ 22,500.00
	S2-4	Dense graded aggregate	500	CY	55.00	\$ 27,500.00
	S2-5	Final Road Restoration in Township and City Roads	100	Sq. Yds	400.00	\$ 40,000.00
S-3		LABOR AND EQUIPMENT RATES				
	S3-1	Foreman	450	per hour	130.00	\$ 58,500.00
	S3-2	Water Repairer	450	per hour	130.00	\$ 58,500.00
	S3-3	Laborer	450	per hour	127.00	\$ 57,150.00
	S3-4	Heavy Equipment Operator	450	per hour	144.00	\$ 64,800.00
	S3-5	Dump Truck Driver	450	per hour	130.00	\$ 58,500.00
	S3-6	Flagman	450	per hour	95.00	\$ 42,750.00
	S3-7	Dump Truck	450	per hour	60.00	\$ 27,000.00
	S3-8	Pickup Truck	450	per hour	25.00	\$ 11,250.00
	S3-9	Back-hoe	450	per hour	70.00	\$ 31,500.00
	S3-10	Utility Truck	450	per hour	45.00	\$ 20,250.00
	S3-11	Water Pump	450	per hour	5.00	\$ 2,250.00
	S3-12	Tamper	450	per hour	25.00	\$ 11,250.00
	S3-13	Attenuator Truck	450	per hour	75.00	\$ 33,750.00
	S3-14	Generator	450	per hour	10.00	\$ 4,500.00
	S3-15	Jackhammer	450	per hour	1.00	\$ 450.00
	S3-16	Air Compressor	450	per hour	25.00	\$ 11,250.00
TOTAL SUPPLEMENTARY BID ITEMS						\$ 638,650.00

PROVIDE A LIST SUB-CONTRACTORS  
COPY OF LICENSES SUBMITTED WITH BID

(MANDATORY)

NAME GAGE PAVING Co. Inc Home N/A Pa  
ADDRESS 2475 East State St  
CITY, STATE, ZIP Trenton NJ 08619  
TELEPHONE: 609-890-6046  
FAX NO. 609-890-7767  
TRADE Paving  
LICENSE NO. 0649122

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

2

Waters  
& Bugbee  
Inc.

BID FORM Section 00400

City of Trenton, Department of Water and Sewer –

Division of Water – Trenton Water Works (TWW)

**Request for Bid: Repair of Water Distribution Infrastructure on an As Needed Basis**

Bid form unit prices shall include all labor as specified in Summary of Work 01010. Bidders shall assume base bid work for normal working hours (7:30 AM – 5:30 PM Monday-Friday). Bid form unit prices shall include bidder traffic control costs, and exclude uniformed police for traffic control. When needed, uniformed police traffic control expenses will be passed directly through to TWW with no markup applied.

**BIDDER: PLEASE COMPLETE COSTS FOR EACH ITEM**

Item No.	Description of Items
A	REPAIR OF WATER SERVICE & MAIN LEAKS AND BREAKS
A-1.	REPAIR OF WATER SERVICE LEAKS
A-1a.	Repair of Water Service Leaks above 2 inches up to 4 inches diameter pipes  \$ <u>6,800.00</u> per each  <b>Six Thousand Eight Hundred Dollars and Zero Cents</b> (write unit price in words)
A-2.	REPAIR OF WATER MAIN LEAKS BY RE-CAULKING AND/OR USING JOINING CLAMPS OR REPAIR CLAMPS
A-2a.	4-inch up to 6-inch diameter mains  \$ <u>7,000.00</u> per each  <b>Seven Thousand Dollars and Zero Cents</b> (write unit price in words)
A-2b.	8 inch up to 10 inch diameter mains  \$ <u>9,500.00</u> per each  <b>Nine Thousand Five Hundred Dollars and Zero Cents</b> (write unit price in words)
A-2c.	12-inch up to 16-inch diameter mains \$ <u>15,250.00</u> per each  <b>Fifteen Thousand Two Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)

A-2d.	20 inch diameter mains \$ <u>22,850.00</u> per each  <b>Twenty Two Thousand Eight Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND/OR WELDING
A-3a	48-inch diameter mains \$ <u>29,200.00</u> per each  <b>Twenty Nine Thousand Two Hundred Dollars and Zero Cents</b> (write unit price in words)
A-4.	REPLACEMENT OF LEAKING WATER VALVES
A-4a.	4-inch up to 6-inch diameter mains \$ <u>5,600.00</u> per each  <b>Five Thousand Six Hundred Dollars and Zero Cents</b> (write unit price in words)
A-4b.	8-inch up to 10-inch diameter mains \$ <u>7,000.00</u> per each  <b>Seven Thousand Dollars and Zero Cents</b> (write unit price in words)
A-4c.	12-inch up to 16-inch diameter mains \$ <u>15,250.00</u> per each  <b>Fifteen Thousand Two Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)
A-4d.	20-inch diameter mains \$ <u>23,750.00</u> per each  <b>Twenty Three Thousand Seven Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)

A-4e.	<p>Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level</p> <p>\$ <b>1,100.00</b> _____ per each</p> <p><b>One Thousand One Hundred Dollars and Zero Cents</b> (write unit price in words)</p>
A-5.	REPAIR OF WATER MAINS BY REPLACEMENT OF FITTINGS (including 2 LF of pipe on each side of fitting and couplings)
A-5a.	<p>4-inch up to 6-inch diameter mains</p> <p>\$ <b>10,250.00</b> _____ per each.</p> <p><b>Ten Thousand Two Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)</p>
A-5b.	<p>8-inch up to 10-inch diameter mains</p> <p>\$ <b>15,850.00</b> _____ per each</p> <p><b>Fifteen Thousand Eight Hundred Fifty Dollars and Zero Cents</b> (write unit price in words)</p>
A-5c.	<p>12-inch up to 16-inch diameter mains</p> <p>\$ <b>34,200.00</b> _____ per each</p> <p><b>Thirty Four Thousand Two Hundred Dollars and Zero Cents</b> (write unit price in words)</p>
A-5d.	<p>20-inch diameter mains</p> <p>\$ <b>52,300.00</b> _____ per each.</p> <p><b>Fifty Two Thousand Three Hundred Dollars and Zero Cents</b> (write unit price in words)</p>
A-6.	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (less than 6 linear feet)
A-6a.	<p>4-inch up to 6-inch diameter mains</p> <p>\$ <b>3,500.00</b> _____ per each</p> <p><b>Three Thousand Five Hundred Dollars and Zero Cents</b> (write unit price in words)</p>

A-6b.	8-inch up to 10-inch diameter mains \$ <u>7,000.00</u> per each <u>Seven Thousand Dollars and Zero Cents</u> (write unit price in words)
A-6c.	12 up to 16-inch diameter mains \$ <u>10,500.00</u> per each <u>Ten Thousand Five Hundred Dollars and Zero Cents</u> (write unit price in words)
A-6d.	20-inch diameter mains \$ <u>14,000.00</u> per each <u>Fourteen Thousand Dollars and Zero Cents</u> (write unit price in words)
A-7	REPLACEMENT OF ADDITIONAL PIPE (BEYOND 6 FT.) AS DIRECTED
A-7a.	4-inch up to 6-inch diameter mains \$ <u>455.00</u> per LF <u>Four Hundred Fifty Five Dollars and Zero Cents</u> (write unit price in words)
A-7b.	8-inch up to 10-inch diameter mains \$ <u>705.00</u> per LF <u>Seven Hundred Five Dollars and Zero Cents</u> (write unit price in words)
A-7c.	12-inch up to 16-inch diameter mains \$ <u>875.00</u> per LF <u>Eight Hundred Seventy Five Dollars and Zero Cents</u> (write unit price in words)
A-7d.	20-Inch diameter mains \$ <u>975.00</u> per LF <u>Nine Hundred Seventy Five Dollars and Zero Cents</u> (write unit price in words)

B	INSTALLATION OF WATER MAIN EXTENSION (in local roads only) LESS THAN 6 FT DEEP
B-1.	Installation of 4-inch up to 6-inch diameter water main extension  \$ <b>120.00</b> _____ per LF  <u><b>One Hundred Twenty Dollars and Zero Cents</b></u> (write unit price in words)
B-2	Installation of 8-inch up to 10-inch diameter water main extension  \$ <b>185.00</b> _____ per LF  <u><b>One Hundred Eighty Five Dollars and Zero Cents</b></u> (write unit price in words)
B-3	Installation of 12-inch up to 16-inch diameter water main extension  \$ <b>205.00</b> _____ per LF  <u><b>Two Hundred Five Dollars and Zero Cents</b></u> (write unit price in words)
B-4	Installation of 20-inch diameter water main extension  \$ <b>575.00</b> _____ per LF  <u><b>Five Hundred Seventy Five Dollars and Zero Cents</b></u> (write unit price in words)
C	HYDRANTS
C-1	Hydrant Replacement  \$ <b>6,500.00</b> _____ per each  <u><b>Six Thousand Five Hundred Dollars and Zero Cents</b></u> (write unit price in words)
	TRAFFIC CONTROL EXPENSES
	Directly passed through to TWW on an as needed basis.
D	TEST PITS and DEEP EXCAVATIONS
D-1	Test pits/ holes less than 6 ft deep  \$ <b>725.00</b> _____ per pit/hole  <u><b>Seven Hundred Twenty Five Dollars and Zero Cents</b></u> (write unit price in words)
D-2	Deep Excavations ( trenches and test pits greater than or equal to 6 FT deep)

	<p>\$ <u>650.00</u> /per cu.yd.</p> <p>@ <u>Six Hundred Fifty Dollars and Zero Cents</u> (write unit price in words)</p>
E	COUNTY and STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION
E-1	<p>Furnishing and installing 2 Inch Superpave Top course (MHS 12.5M76) and 8 Inch Superpave Base Course (HMA25M64) in NJDOT Roads</p> <p>\$ <u>495.00</u> per sq yd</p> <p>\$ <u>Four Hundred Ninety Five Dollars and Zero Cents</u> (write unit price in words)</p>
E-2	<p>Furnishing and installing 2 Inch Super Pave (HMA9.5M64) top course and 8 inch Superpave Base Course (HMA25M64) in Mercer County Roads</p> <p>\$ <u>495.00</u> per sq.yd</p> <p>\$ <u>Four Hundred Ninety Five Dollars and Zero Cents</u> (write unit price in words)</p>
E-3	<p>Furnishing and installing 2 Inch Superpave Top course (MHS 12.5M76) in NJDOT Roads</p> <p>\$ <u>245.00</u> per sq.yd</p> <p>\$ <u>Two Hundred Forty Five Dollars and Zero Cents</u> (write unit price in words)</p>
E-4	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course in Mercer County Roads</p> <p>\$ <u>245.00</u> per sq.yd</p> <p>\$ <u>Two Hundred Forty Five Dollars and Zero Cents</u> (write unit price in words)</p>
F	<p>WATER SERVICES</p> <p>For 3/4 -inch, 1-inch, 1 1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. Prices in Item F include sidewalk and curb restoration.</p>



F-1	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.</p> <p>\$ <u>3,725.00</u> per Service</p> <p>\$ <u>Three Thousand Seven Hundred Twenty Five Dollars and Zero Cents</u> (Write Unit Price)</p>
F-2	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.</p> <p>\$ <u>3,800.00</u> per Service</p> <p>\$ <u>Three Thousand Eight Hundred Dollars and Zero Cents</u> (Write Unit Price)</p>
F-3	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.</p> <p>\$ <u>4,150.00</u> per Service</p> <p>\$ <u>Four Thousand One Hundred Fifty Dollars and Zero Cents</u> (Write Unit Price)</p>
F-4	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.</p> <p>\$ <u>4,225.00</u> per Service</p> <p>\$ <u>Four Thousand Two Hundred Twenty Five Dollars and Zero Cents</u> (Write Unit Price)</p>

F-5	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.</p> <p>\$ <u>4,575.00</u> per Service</p> <p>\$ <u>Four Thousand Five Hundred Seventy Five Dollars and Zero Cents</u> (Write Unit Price)</p>
F-6	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.</p> <p>\$ <u>4,650.00</u> per Service</p> <p>\$ <u>Four Thousand Six Hundred Fifty Dollars and Zero Cents</u> (Write Unit Price)</p>
F-7	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.</p> <p>\$ <u>4,975.00</u> per Service</p> <p>\$ <u>Four Thousand Nine Hundred Seventy Five Dollars and Zero Cents</u> (Write Unit Price)</p>
F-8	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads with corporation tapping.</p> <p>\$ <u>5,050.00</u> per service</p> <p>\$ <u>Five Thousand Fifty Dollars and Zero Cents</u> (Write Unit Price)</p>

F-9	<p data-bbox="435 260 1062 294">For Excavation and Replacement of leaking curb stops</p> <p data-bbox="435 310 1154 352">\$ <u>1,500.00</u> per Service</p> <p data-bbox="435 426 1170 499">\$ <u>One Thousand Five Hundred Dollars and Zero Cents</u> (Write Unit Price)</p>
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00400-9

**SUPPLEMENTARY BID LIST ITEMS**

**ITEM S-1      NOT USED**

**ITEM S-2: FOR ADDITIONAL PAVEMENT, CONCRETE REPAIR AND MATERIALS:**

Item S2-1      Concrete

\$ 1,000.00 per CY

\$ One Thousand Dollars and Zero Cents

(Write Unit Price)

Item S2-2      Infra-red Pavement Repair and Patching

\$ 40.00 per sq yd

\$ Forty Dollars and Zero Cents

(Write Unit Price)

Item S2-3      Clean Stone

\$ 37.50 per CY

\$ Thirty Seven Dollars and Fifty Cents

(Write Unit Price)

Item S2-4 Dense Graded Aggregate

\$ 37.50 per CY

\$ Thirty Seven Dollars and Fifty Cents

(Write Unit Price)

Item S2-5      Final Road Restoration in Township and City Roads

\$ 465.00 per SY

\$ Four Hundred Sixty Five Dollars and Zero Cents

(Write Unit Price)

**S-3.    LABOR and EQUIPMENT RATES**

Labor rates specified in Supplementary Bid Item S-3 apply to normal working hours 7:30 AM – 5:30 PM Monday through Friday.

For work performed outside of normal working hours, the Contractor will be compensated for overtime labor at a rate of 1.5x the rate specified in Supplementary Bid Item S-3. This applies to work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days.

For all bid items that are to include labor as specified in Section 01010 Summary of Work, the Contractor shall be compensated for overtime pay for work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days. The additional overtime pay compensation shall be at a rate of 0.5X the rate specified in Supplementary Bid Item S-3.

Item S3-1      Foreman

Labor Rate:

\$ 125.00 per hour

\$ One Hundred Twenty Five Dollars and Zero Cents

(write unit price in words)

Item S3-2      Water Repairer

Labor Rate:

\$ 112.50 per hour

\$ One Hundred Twelve Dollars and Fifty Cents  
(write unit price in words)

Item S3-3 Laborer  
Labor Rate:

\$ 105.00 per hour

\$ One Hundred Five Dollars and Zero Cents  
(write unit price in words)

Item S3-4 Heavy Equipment Operator  
Regular Rate:

\$ 135.00 per hour

\$ One Hundred Thirty Five Dollars and Zero Cents  
(write unit price in words)

Item S3-5 Dump Truck Driver  
Regular Rate:

\$ 105.00 per hour

\$ One Hundred Five Dollars and Zero Cents  
(write unit price in words)

Item S3-6 Flagman  
Regular Rate:

\$ 45.00 per hour

\$ Forty Five Dollars and Zero Cents  
(write unit price in words)

Item S3-7 Dump Truck

\$ 40.00 per hour

\$ Forty Dollars and Zero Cents  
(write unit price in words)

Item S3-8 Pickup Truck

\$ 2.50 per hour

\$ Two Dollars and Fifty Cents  
(write unit price in words)

Item S3-9 Back-hoe

\$ 75.00 per hour

\$ Seventy Five Dollars and Zero Cents  
(write unit price in words)

Item S3-10 Utility Truck

\$ 50.00 per hour

\$ Fifty Dollars and Zero Cents  
(write unit price in words)

Item S3-11 Water Pump

\$ 2.50 per hour

\$ Two Dollars and Fifty Cents  
(write unit price in words)

Item S3-12 Tamper

\$ 2.50 per hour

\$ Two Dollars and Fifty Cents  
(write unit price in words)

Item S3-13 Attenuator Truck

\$ 10.00 per hour

\$ Ten Dollars and Zero Cents  
(write unit price in words)

Item S3-14 Generator

\$ 2.50 per hour

\$ Two Dollars and Fifty Cents  
(write unit price in words)

Item S3-15 Jackhammer

\$ 1.00 per hour

\$ One Dollar and Zero Cents  
(write unit price in words)

Item S3-16 Air Compressor

\$ 2.50 per hour

\$ Two Dollars and Fifty Cents  
(write unit price in words)



TWW-Bid Evaluation formula - Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS				Waters & Bugbee, Inc.	
Item No	Description	Est. Qty	Unit	Unit Price	Amount
A	<b>REPAIR OF WATER SERVICE &amp; MAIN LEAKS</b>				
A-1	<b>REPAIR OF WATER SERVICE LEAKS</b>				
A1-a	Repair of water Service Leaks above 2 inches up to 4 inches diameter pipes	5	EA	\$ 6,800.00	\$ 34,000.00
A-2	<b>REPAIR OF WATER LEAKS BY RECAULKING AND /OR USING JOINING CLAMPS OR REPAIR CLAMPS</b>			EA	
A-2a	4-inch up to 6 - inch diameter mains	7	EA	\$ 7,000.00	\$ 49,000.00
A-2b	8 - inch up to 10 - inch diameter mains	7	EA	\$ 9,500.00	\$ 66,500.00
A-2c	12 - inch up to 16 - inch diameter mains	7	EA	\$ 15,250.00	\$ 106,750.00
A-2d	20 inch diameter mains	2	EA	\$ 22,850.00	\$ 45,700.00
A-3	<b>REPAIR OF STEEL WATER MAINS BY PLUGGING AND / OR WELDING</b>				
A-3a	48 - inch diameter mains	1		\$ 29,200.00	\$ 29,200.00
A-4	<b>REPLACEMENT OF LEAKING WATER VALVES</b>				
A-4a	4-inch up to 6-inch diameter mains	7	EA	\$ 5,600.00	\$ 39,200.00
A-4b	8-inch up to 10-inch diameter mains	20	EA	\$ 7,000.00	\$ 140,000.00
A-4c	12-inch up to 16-inch diameter mains	10	EA	\$ 15,250.00	\$ 152,500.00
A-4d	20-inch diameter mains	1	EA	\$ 23,750.00	\$ 23,750.00
A-4e	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level	150	EA	\$ 1,100.00	\$ 165,000.00
A-5	<b>REPAIRS OF WATER MAINS BY REPLACEMENT OF FITTINGS</b>				
A-5a	4-inch up to 6-inch diameter mains	10	EA	\$ 10,250.00	\$ 102,500.00
A-5b	8-inch up to 10-inch diameter mains	3	EA	\$ 15,850.00	\$ 47,550.00
A-5c	12-inch up to 16-inch diameter mains	1		\$ 34,200.00	\$ 34,200.00
A-5d	20-inch diameter mains	1		\$ 52,300.00	\$ 52,300.00
A-6	<b>REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (LESS THAN 6 FT.)</b>				
A-6a	4-inch up to 6-inch diameter mains	13	per/sectn	\$ 3,500.00	\$ 45,500.00
A-6b	8-inch up to 10-inch diameter mains	7	per/sectn	\$ 7,000.00	\$ 49,000.00
A-6c	12-inch up to 16-inch diameter mains	5	per/sectn	\$ 10,500.00	\$ 52,500.00
A-6d	20-inch diameter mains	5	per/sectn	\$ 14,000.00	\$ 70,000.00
A-7	<b>REPLACEMENT OF ADDITIONAL PIPE ( BEYOND 6FT.) AS DIRECTED</b>				
A-7a	4-inch up to 6-inch diameter mains	50	LF	\$ 455.00	\$ 22,750.00
A-7b	8-inch up to 10-inch diameter mains	25	LF	\$ 705.00	\$ 17,625.00
A-7c	12-inch up to 16-inch diameter mains	12	LF	875	\$ 10,500.00
A-7d	20-inch diameter mains	25	LF	975	\$ 24,375.00
B	<b>INSTALLATION OF WATER MAIN EXTENSION (in local Roads only) LESS THAN 6 FT. DEEP</b>				
B-1	Installation of 4-inch up to 6-inch diameter water main extension	100	LF	120	\$ 12,000.00
B-2	Installation of 8-inch up to 10-inch diameter	50	LF	185	\$ 9,250.00
B-3	Installation of 12-inch up to 16-inch diameter	100	LF	205	\$ 20,500.00
B-4	Installation of 20-inch diameter	25	LF	575	\$ 14,375.00
C	<b>HYDRANTS</b>				
C-1	Hydrant replacement	12	EA	6500	\$ 78,000.00
	<b>TRAFFIC CONTROL ALLOWANCE</b>				
	Pass through expenses only - no mark ups				
D	<b>EXCAVATION AND BACKFILL OF TEST PITS</b>				
D-1	Test pits/holes less than 6 ft. deep	25	EA	725	\$ 18,125.00
D-2	Deep Excavations (trenches and test pits greater than or equal to 6 ft. deep)	15	Cu Yds	650	\$ 9,750.00
E	<b>COUNTY AND STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION</b>				
E-1	Furnishing and installing 2 in. Superpave top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads	50	Sq. Yds	495	\$ 24,750.00
E-2	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course and 8 in. Superpave Base Course (9HMA25M64) in Mercer County Roads	150	Sq. Yds	495	\$ 74,250.00
E-3	Furnishing and installing 2 in. Superpave Top course (MHS 12.5M76) in NJDOT Roads	25	Sq. Yds.	245	\$ 6,125.00
E-4	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course in Mercer County Roads	40	Sq. Yds.	245	\$ 9,800.00
F	<b>WATER SERVICES - For 3/4 -inch, 1-inch, 1-1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. Prices in Item F include sidewalk and curb restoration.</b>				
F-1	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.	7	per service	3725	\$ 26,075.00
F-2	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.	15	per service	3800	\$ 57,000.00
F-3	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.	5	per service	4150	\$ 20,750.00
F-4	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.	5	per service	4225	\$ 21,125.00
F-5	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.	2	per service	4575	\$ 9,150.00
F-6	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.	2	per service	4650	\$ 9,300.00
F-7	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.	2	per service	4975	\$ 9,950.00
F-8	For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in new Jersey State Highway Roads with corporation tapping.	2	per service	5050	\$ 10,100.00
F-9	For Excavation and Replacement of Leaking Curb Stops	25	per service	1500	\$ 37,500.00
	<b>TOTAL BASE BID PRICE</b>				\$ 1,858,275.00

## Appendix C

		SUPPLEMENTARY BID LIST ITEMS			Bidder	Waters & Bugbee, Inc.
S-1		Not used.	Est. Qty	Unit	Unit Price	Amount
S-2		SUPPLEMENTARY PAVEMENT AND CONCRETE REPAIR AND MATERIALS				
		PAVEMENT AND CONCRETE REPAIR AND REPLACEMENT				
	S2-1	Concrete	50	CY	1000	\$ 50,000.00
	S2-2	Infra-red Pavement Repair and Patching	500	CY	40	\$ 20,000.00
	S2-3	Clean Stone	500	CY	37.5	\$ 18,750.00
	S2-4	Dense graded aggregate	500	CY	37.5	\$ 18,750.00
	S2-5	Final Road Restoration in Township and City Roads	100	Sq. Yds	465	\$ 46,500.00
S-3		LABOR AND EQUIPMENT RATES				
	S3-1	Foreman	450	per hour	125	\$ 56,250.00
	S3-2	Water Repairer	450	per hour	112.5	\$ 50,625.00
	S3-3	Laborer	450	per hour	105	\$ 47,250.00
	S3-4	Heavy Equipment Operator	450	per hour	135	\$ 60,750.00
	S3-5	Dump Truck Driver	450	per hour	105	\$ 47,250.00
	S3-6	Flagman	450	per hour	45	\$ 20,250.00
	S3-7	Dump Truck	450	per hour	40	\$ 18,000.00
	S3-8	Pickup Truck	450	per hour	2.5	\$ 1,125.00
	S3-9	Back-hoe	450	per hour	75	\$ 33,750.00
	S3-10	Utility Truck	450	per hour	50	\$ 22,500.00
	S3-11	Water Pump	450	per hour	2.5	\$ 1,125.00
	S3-12	Tamper	450	per hour	2.5	\$ 1,125.00
	S3-13	Attenuator Truck	450	per hour	10	\$ 4,500.00
	S3-14	Generator	450	per hour	2.5	\$ 1,125.00
	S3-15	Jackhammer	450	per hour	1	\$ 450.00
	S3-16	Air Compressor	450	per hour	2.5	\$ 1,125.00
TOTAL SUPPLEMENTARY BID ITEMS						\$ 521,200.00

**PROVIDE A LIST SUB-CONTRACTORS  
COPY OF LICENSES SUBMITTED WITH BID  
(MANDATORY)**

NAME Atlantic Infrared, Inc.  
ADDRESS PO Box 1826  
CITY, STATE, ZIP Point Pleasant Beach, NJ 08742  
TELEPHONE: 732-899-8994  
FAX NO. 732-899-8644  
TRADE Infrared Restoration  
LICENSE NO. N/A

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

Joseph Singola

11111-BID ITEMS PROPOSAL IAGF <Repair <11111 at 11111> Infrastructure on an As Needed Basis-2020-BASE-BID ITEMS				BIDDER	
Item No	Description	Est. Qty	Unit	Price	Amount
A	REPAIR OF WATER SERVICE & MAIN LEAKS				
A-1	REPAIR OF WATER SERVICE LEAKS				
A-1a	Repair of water Service Leaks above 2 inches up to 4 inches diameter pipes				
A-2	REPAIR OF WATER LEAKS BY RECAULKING AND/OR USING JOINING CLAMPS OR REPAIR CLAMPS				
A-2a	4-inch up to 6 - inch diameter mains	5	EA	7,400	\$37,000
A-2b	8 - inch up to 10 - inch diameter mains	7	EA	9,000	\$63,000
A-2c	12 - inch up to 16 - inch diameter mains	7	EA	11,300	\$79,100
A-2d	20 inch diameter mains	2	EA	13,500	\$94,500
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND/OR WELDING				
A-3a	18 - inch diameter mains	1	EA	15,800	\$15,800
A-4	REPLACEMENT OF LEAKING WATER VALVES				
A-4a	4-inch up to 6-inch diameter mains	7	EA	9,000	\$63,000
A-4b	8-inch up to 10-inch diameter mains	20	EA	11,300	\$226,000
A-4c	12-inch up to 16-inch diameter mains	10	EA	13,500	\$135,000
A-4d	20-inch diameter mains	1	EA	15,800	\$15,800
A-5	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level	150	EA	500	\$75,000
A-5a	REPAIRS OF WATER MAINS BY REPLACEMENT OF FITTINGS				
A-5b	4-inch up to 6-inch diameter mains	10	EA	9,000	\$90,000
A-5c	8-inch up to 10-inch diameter mains	3	EA	11,300	\$33,900
A-5d	12-inch up to 16-inch diameter mains	1		13,500	\$13,500
A-5e	20-inch diameter mains	1		15,800	\$15,800
A-6	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (LESS THAN 6 FT.)				
A-6a	4-inch up to 6-inch diameter mains	13	per/sect	9,000	\$117,000
A-6b	8-inch up to 10-inch diameter mains	7	per/sect	11,300	\$79,100
A-6c	12-inch up to 16-inch diameter mains	5	per/sect	13,500	\$67,500
A-6d	20-inch diameter mains	5	per/sect	15,800	\$79,000
A-7	REPLACEMENT OF ADDITIONAL PIPE BEYOND 6 FT. AS DIRECTED				
A-7a	4-inch up to 6-inch diameter mains	50	LF	500	\$25,000
A-7b	8-inch up to 10-inch diameter mains	25	LF	500	\$12,500
A-7c	12-inch up to 16-inch diameter mains	12	LF	500	\$6,000
A-7d	20-inch diameter mains	25	LF	500	\$12,500
B	INSTALLATION OF WATER MAIN EXTENSION (in local Roads only) LESS THAN 6 FT. DEEP				
B-1	Just a flat ion of 4-inch up to 6-inch diameter water main extension	100	LF	500	\$50,000
B-2	Installation of 8-inch up to 10-inch diameter	50	LF	500	\$25,000
B-3	Installation of 12-inch up to 16-inch diameter	100	LF	500	\$50,000
B-4	Installation of 20-inch diameter	25	LF	500	\$12,500
C	HYDRANTS				
C-1	Hydrant replacement	12	EA	7,400	\$88,800
D	TRAFFIC CONTROL ALLOWANCE				
D-1	Pass through expenses only- no mark ups				
D-2	EXCAVATION AND BACKFILL OF TEST PITS				
D-3	Test pits/holes less than 6 ft. deep	25	EA	500	\$12,500
D-4	Deep Excavations (trenches and test pits greater than or equal to 6 ft. deep)	15	Cu Yds	500	\$7,500
E	COUNTY AND STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION				
E-1	Furnishing and installing 2 in. Superpave top course (MHIS 12 SM76) and 8 inch Superpave Base Course (HMA23M64) in NJDOT Roads	50	Sq. Yds	350	\$17,500
E-2	Furnishing and installing 2 in. Superpave (HMA9 - SM64) top course and 8 in. Superpave Base Course (HMA23M64) in Mercer County Roads	150	Sq. Yds	350	\$52,500

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TWM-BIDDER'S PROPOSAL PAGE - Repair of Water Distribution Infrastructure on an As Needed Basis 2020-BASE BID ITEMS					
Item No	Description	Est. Qty	Unit	Price	Bidder Amount
E-3	Furnishing and installing 2 in. Superpave Top course (MHS 12 SM76) in NJDOT Roads	350	Sq. Yds.	350	\$ 8,750
E-4	Furnishing and installing 2 in. Superpave (HMA9 SM64) top course in Mercer County Roads	350	Sq. Yds.	350	\$ 14,000
	WATER SERVICES - for 3/4-inch, 1-inch, 1 1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. Prices in Item F include sidewalk and curb restoration.	40			
F-1	For 6/1 inch, 1 inch, 1 X inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.	7	per service	7,400	51,800
F-2	For 6/8 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.	15	per service	8,000	120,000
F-3	For 3 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.	5	per service	8,000	40,000
F-4	For 6/8 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.	5	per service	8,000	40,000
F-5	For 2 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.	2	per service	7,400	14,800
F-6	For 6/8 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.	2	per service	8,000	16,000
F-7	For 6/8 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.	2	per service	7,400	14,800
F-8	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in new Jersey State Highway Roads with corporation tapping.	2	per service	8,000	16,000
F-9	For Excavation and Replacement of Leaking Curb Stops	25	per service	3,700	92,500
	TOTAL BASE BID PRICE			\$2,132,550.00	

ItemNo		Desc:Tipton		Est. Qty		Unit		Bidder	
								Unit	Price
								Price	Amount
TWW-BIDDERS PROEOW PAGE Repair of Water Distribution Infrastructure Unit on an As Needed Basis-2020-8ASE BID n EMS									

TWW-BIDDER'S PROPOSAL PAGE		Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS		Bidder	
Item No	Description	Est. Qty	Unit	Unit Price	Amount

Appendix C

		SUPPLEMENTARY BID LIST ITEMS	Bidder			
S-1		Not used.	Est. Qty.	Unit	Unit Price	Amount
S-2		SUPPLEMENTARY PAVEMENT AND CONCRETE REPAIR AND MATERIALS PAVEMENT AND CONCRETE REPAIR AND REPLACEMENT				
	S2-1	Concrete	50	CY	\$800	\$ 40,000
	S2-2	Infra-red Pavement Repair and Patching	500	CY	\$100	\$ 50,000
	S2-3	Clean Stone	500	CY	\$40	\$ 20,000
	S2-4	Dense graded aggregate	500	CY	\$40	\$ 20,000
	S2-5	Final Road Restoration In Township and City Roads	100	Sq. Yds	\$350	\$ 35,000
S-3		LABOR AND EQUIPMENT RATES				
	S3-1	Foreman	450	per hour	\$150	\$ 67,500
	S3-2	Water Repairer	450	per hour	\$140	\$ 63,000
	S3-3	Laborer	450	per hour	\$140	\$ 63,000
	S3-4	Heavy Equipment Operator	450	per hour	\$200	\$ 90,000
	S3-5	Dump Truck Driver	450	per hour	\$140	\$ 63,000
	S3-6	Flagman	450	per hour	\$140	\$ 63,000
	S3-7	Dump Truck	450	per hour	\$55	\$ 24,750
	S3-8	Pickup Truck	450	per hour	\$11	\$ 4,950
	S3-9	Back-hoe	450	per hour	\$55	\$ 24,750
	S3-10	Utility Truck	450	per hour	\$35	\$ 15,750
	S3-11	Water Pump	450	per hour	\$10	\$ 4,500
	S3-12	Tamper	450	per hour	\$10	\$ 4,500
	S3-13	Attenuator Truck	450	per hour	\$125	\$ 56,250
	S3-14	Generator	450	per hour	\$10	\$ 4,500
	S3-15	Jackhammer	450	per hour	\$10	\$ 4,500
	S3-16	Air Compressor	450	per hour	\$25	\$ 11,250
TOTAL SUPPLEMENTARY BID ITEMS						\$ 730,200



**BID FORM Section 00400****City of Trenton, Department of Water and Sewer –****Division of Water – Trenton Water Works (TWW)****Request for Bid: Repair of Water Distribution Infrastructure on an As Needed Basis**

Bid form unit prices shall include all labor as specified in Summary of Work 01010. Bidders shall assume base bid work for normal working hours (7:30 AM – 5:30 PM Monday-Friday). Bid form unit prices shall include bidder traffic control costs, and exclude uniformed police for traffic control. When needed, uniformed police traffic control expenses will be passed directly through to TWW with no markup applied.

**BIDDER: PLEASE COMPLETE COSTS FOR EACH ITEM**

Item No.	Description of Items
<b>A.</b>	<b>REPAIR OF WATER SERVICE &amp; MAIN LEAKS AND BREAKS</b>
<b>A-1.</b>	<b>REPAIR OF WATER SERVICE LEAKS</b>
A-1a.	Repair of Water Service Leaks above 2 inches up to 4 inches diameter pipes  \$ 7,400 per each  Seven thousand four hundred dollars (write unit price in words)
A-2.	<b>REPAIR OF WATER MAIN LEAKS BY RE-CAULKING AND/OR USING JOINING CLAMPS OR REPAIR CLAMPS</b>
A-2a.	4-inch up to 6-inch diameter mains  \$ 9,000 per each  Nine thousand dollars (write unit price in words)
A-2b.	8 inch up to 10 inch diameter mains  \$ 11,300 per each  Eleven thousand three hundred dollars (write unit price in words)
A-2c.	12-inch up to 16-inch diameter mains \$ 13,500 per each  Thirteen thousand five hundred dollars (write unit price in words)

A-2d.	20 inch diameter mains \$ 15,800 per each  <u>Fifteen thousand eight hundred dollars</u> (write unit price in words)
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND/OR WELDING
A-3a	48-inch diameter mains \$ 15,800 per each  <u>Fifteen thousand eight hundred dollars</u> (write unit price in words)
A-4.	REPLACEMENT OF LEAKING WATER VALVES
A-4a.	4-inch up to 6-inch diameter mains \$ 9,000 per each  <u>Nine thousand dollars</u> (write unit price in words)
A-4b.	8-inch up to 10-inch diameter mains \$ 11,300 per each  <u>Eleven thousand three hundred dollars</u> (write unit price in words)
A-4c.	12-inch up to 16-inch diameter mains \$ 13,500 per each  <u>Thirteen thousand five hundred dollars</u> (write unit price in words)
A-4d.	20-inch diameter mains \$ 15,800 per each  <u>Fifteen thousand eight hundred dollars</u> (write unit price in words)

A-4e.	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level  \$ 500 per each  Five hundred dollars (write unit price in words)
A-5.	REPAIR OF WATER MAINS BY REPLACEMENT OF FITTINGS (including 2 LF of pipe on each side of fitting and couplings)
A-5a.	4-inch up to 6-inch diameter mains  \$ 9,000 per each.  Nine thousand dollars (write unit price in words)
A-5b.	8-inch up to 10-inch diameter mains  \$ 11,300 per each  Eleven thousand three hundred dollars (write unit price in words)
A-5c.	12-inch up to 16-inch diameter mains  \$ 13,500 per each  Thirteen thousand five hundred dollars (write unit price in words)
A-5d.	20-inch diameter mains  \$ 15,800 per each.  Fifteen thousand eight hundred dollars (write unit price in words)
A-6.	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (less than 6 linear feet)
A-6a.	4-inch up to 6-inch diameter mains  \$ 9,000 per each  Nine thousand dollars (write unit price in words)

A-6b.	8-inch up to 10-inch diameter mains \$ 11,300 per each Eleven thousand three hundred dollars (write unit price in words)
A-6c.	12 up to 16-inch diameter mains \$ 13,500 per each Thirteen thousand five hundred dollars (write unit price in words)
A-6d.	20-inch diameter mains \$ 15,800 per each Fifteen thousand eight hundred dollars (write unit price in words)
A-7	REPLACEMENT OF ADDITIONAL PIPE (BEYOND 6 FT.) AS DIRECTED
A-7a.	4-inch up to 6-inch diameter mains \$ 500 per LF Five hundred dollars (write unit price in words)
A-7b.	8-inch up to 10-inch diameter mains \$ 500 per LF Five hundred dollars (write unit price in words)
A-7c.	12-inch up to 16-inch diameter mains \$ 500 per LF Five hundred dollars (write unit price in words)
A-7d.	20-inch diameter mains \$ 500 per LF Five hundred dollars (write unit price in words)

B.	INSTALLATION OF WATER MAIN EXTENSION (in local roads only) LESS THAN 6 FT. DEEP
B-1.	<p>Installation of 4-inch up to 6-inch diameter water main extension</p> <p>\$ 500 per LF</p> <p>Five hundred dollars</p> <p>(write unit price in words)</p>
B-2	<p>Installation of 8-inch up to 10-inch diameter water main extension</p> <p>\$ 500 per LF</p> <p>Five hundred dollars</p> <p>(write unit price in words)</p>
B-3	<p>Installation of 12-inch up to 16-inch diameter water main extension</p> <p>\$ 500 per LF</p> <p>Five hundred dollars</p> <p>(write unit price in words)</p>
B-4	<p>Installation of 20-inch diameter water main extension</p> <p>\$ 500 per LF</p> <p>Five hundred dollars</p> <p>(write unit price in words)</p>
C.	HYDRANTS
C-1	<p>Hydrant Replacement</p> <p>\$ 7,400 per each</p> <p>Seven thousand four hundred dollars</p> <p>(write unit price in words)</p>
	TRAFFIC CONTROL EXPENSES
	Directly passed through to TWW on an as needed basis.
D.	TEST PITS and DEEP EXCAVATIONS
D-1	<p>Test pits/ holes less than 6 ft deep</p> <p>\$ 500 per pit/hole</p> <p>Five hundred dollars</p> <p>(write unit price in words)</p>
D-2	Deep Excavations ( trenches and test pits greater than or equal to 6 FT deep)

	<p>\$ 500 /per cu.yd.</p> <p>@ Five hundred dollars (write unit price in words)</p>
E.	COUNTY and STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION
E-1	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads</p> <p>\$ 350 per sq yd</p> <p>\$ Three hundred fifty dollars (write unit price in words)</p>
E-2	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course and 8 inch Superpave Base Course 9HMA25M64) in Mercer County Roads</p> <p>\$ 350 per sq.yd</p> <p>\$ Three hundred fifty dollars (write unit price in words)</p>
E-3	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) in NJDOT Roads</p> <p>\$ 350 per sq.yd</p> <p>\$ Three hundred fifty dollars (write unit price in words)</p>
E-4	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course in Mercer County Roads</p> <p>\$ 350 per sq.yd</p> <p>\$ Three hundred fifty dollars (write unit price in words)</p>
F.	<p>WATER SERVICES</p> <p>For 3/4 -inch, 1-inch, 1-1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. <u>Prices in item F include sidewalk and curb restoration.</u></p>

F-1	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.</p> <p>\$ <u>7,400</u> per Service</p> <p>\$ <u>Seven thousand four hundred dollars</u></p> <p>(Write Unit Price)</p>
F-2	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.</p> <p>\$ <u>8,000</u> per Service</p> <p>\$ <u>Eight thousand dollars</u></p> <p>(Write Unit Price)</p>
F-3	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.</p> <p>\$ <u>8,000</u> per Service</p> <p>\$ <u>Eight thousand dollars</u></p> <p>(Write Unit Price)</p>
F-4	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.</p> <p>\$ <u>8,000</u> per Service</p> <p>\$ <u>Eight thousand dollars</u></p> <p>(Write Unit Price)</p>

F-5	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.</p> <p>\$ <u>7,400</u> per Service</p> <p>\$ <u>Seven thousand four hundred dollars</u> (Write Unit Price)</p>
F-6	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.</p> <p>\$ <u>8,000</u> per Service</p> <p>\$ <u>Eight thousand dollars</u> (Write Unit Price)</p>
F-7	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.</p> <p>\$ <u>7,400</u> per Service</p> <p>\$ <u>Seven thousand four hundred dollars</u> (Write Unit Price)</p>
F-8	<p>For <math>\frac{3}{4}</math> inch, 1 inch, 1 <math>\frac{1}{2}</math> inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads with corporation tapping.</p> <p>\$ <u>8,000</u> per service</p> <p>\$ <u>Eight thousand dollars</u> (Write Unit Price)</p>



F-9	<p>For Excavation and Replacement of leaking curb stops</p> <p>\$ <u>3,700</u> per Service</p> <p>\$ <u>Three thousand seven hundred dollars</u> (Write Unit Price)</p>
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**SUPPLEMENTARY BID LIST ITEMS**

**ITEM S-1      NOT USED**

**ITEM S-2: FOR ADDITIONAL PAVEMENT, CONCRETE REPAIR AND MATERIALS:**

Item S2-1      Concrete

\$ 800 per CY

\$ Eight hundred dollars  
(Write Unit Price)

Item S2-2      Infra-red Pavement Repair and Patching

\$ 100 per sq yd

\$ One hundred dollars  
(Write Unit Price)

Item S2-3      Clean Stone

\$ 40 per CY

\$ Forty dollars  
(Write Unit Price)

Item S2-4 Dense Graded Aggregate

\$ 40 per CY

\$ Forty dollars  
(Write Unit Price)

Item S2-5      Final Road Restoration in Township and City Roads

\$ 350 per SY

\$ Three hundred fifty dollars  
(Write Unit Price)

**S-3.    LABOR and EQUIPMENT RATES**

Labor rates specified in Supplementary Bid Item S-3 apply to normal working hours 7:30 AM – 5:30 PM Monday through Friday.

For work performed outside of normal working hours, the Contractor will be compensated for overtime labor at a rate of 1.5x the rate specified in Supplementary Bid Item S-3. This applies to work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days.

For all bid items that are to include labor as specified in Section 01010 Summary of Work, the Contractor shall be compensated for overtime pay for work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days. The additional overtime pay compensation shall be at a rate of 0.5X the rate specified in Supplementary Bid Item S-3.

Item S3-1      Foreman

Labor Rate:

\$ 150 per hour

\$ One hundred fifty dollars  
(write unit price in words)

Item S3-2      Water Repairer

Labor Rate:

\$ 140 per hour

\$ One hundred forty dollars  
(write unit price in words)

Item S3-3 Laborer

Labor Rate:

\$ 140 per hour

\$ One hundred forty dollars  
(write unit price in words)

Item S3-4 Heavy Equipment Operator

Regular Rate:

\$ 200 per hour

\$ Two hundred dollars  
(write unit price in words)

Item S3-5 Dump Truck Driver

Regular Rate:

\$ 140 per hour

\$ One hundred forty dollars  
(write unit price in words)

Item S3-6 Flagman

Regular Rate:

\$ 140 per hour

\$ One hundred forty dollars  
(write unit price in words)

Item S3-7 Dump Truck

\$ 55 per hour

\$ Fifty-five dollars  
(write unit price in words)

Item S3-8 Pickup Truck

\$ 11 per hour

\$ Eleven dollars  
(write unit price in words)

Item S3-9 Back-hoe

\$ 55 per hour

\$ Fifty-five dollars  
(write unit price in words)

Item S3-10 Utility Truck

\$ 35 per hour

\$ Thirty-five dollars  
(write unit price in words)

Item S3-11 Water Pump

\$ 10 per hour

\$ Ten dollars  
(write unit price in words)

Item S3-12 Tamper

\$ 10 per hour

\$ Ten dollars  
(write unit price in words)

Item S3-13 Attenuator Truck

\$ 125 per hour

\$ One hundred twenty-five dollars  
(write unit price in words)

Item S3-14 Generator

\$ 10 per hour

\$ Ten dollars  
(write unit price in words)

Item S3-15 Jackhammer

\$ 10 per hour

\$ Ten dollars  
(write unit price in words)

Item S3-16 Air Compressor

\$ 25 per hour

\$ Twenty-five dollars  
(write unit price in words)

**EXCEPTIONS  
(MATERIAL DEVIATIONS ARE NOT ALLOWED)**

Clarifications;

Items S3-1 through S3-6 will be billed as follows as dictated in the collective bargaining agreements of the labor force.

Overtime @ 1.5 x Rate

Double Time @ 2.0 x Rate

Ted Bo/ci



TW-W-BIDDERS PROPOSAL PAGE 7 Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS					Bidder	
Item No	Description	Est. Qty	Unit	Price	Amount	
A-1	REPAIR OF WATER SERVICE & MAIN LEAKS					
A-1	REPAIR OF WATER SERVICE LEAKS					
A-1-a	Repair of water Service Leaks above 2 inches up to 4 inches diameter pipes	5	EA	6700	33500	
A-2	REPAIR OF WATER LEAKS BY RECAULKING AND /OR USING JOINING CLAMPS OR REPAIR CLAMPS					
A-2a	4-inch up to 6-inch diameter mains	7	EA	6700	46900	
A-2b	8-inch up to 10-inch diameter mains	7	EA	6700	46900	
A-2c	12-inch up to 16-inch diameter mains	7	EA	6700	46900	
A-2d	20-inch diameter mains	2	EA	5700	11400	
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND / OR WELDING					
A-3a	48-inch diameter mains	1		43700	43700	
A-4	REPLACEMENT OF LEAKING WATER VALVES					
A-4a	4-inch up to 6-inch diameter mains	7	EA	6700	46900	
A-4b	8-inch up to 10-inch diameter mains	20	EA	6700	134000	
A-4c	12-inch up to 16-inch diameter mains	10	EA	5700	57000	
A-4d	20-inch diameter mains	1	EA	18400	18400	
A-4e	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level	150	EA	2000	300000	
A-5	REPAIRS OF WATER MAINS BY REPLACEMENT OF FITTINGS					
A-5a	4-inch up to 6-inch diameter mains	10	EA	6700	67000	
A-5b	8-inch up to 10-inch diameter mains	3	EA	6700	20100	
A-5c	12-inch up to 16-inch diameter mains	1		9500	9500	
A-5d	20-inch diameter mains	1		20000	20000	
A-6	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (LESS THAN 6 FT.)					
A-6a	4-inch up to 6-inch diameter mains	13	per/sectn	6700	87100	
A-6b	8-inch up to 10-inch diameter mains	7	per/sectn	6700	46900	
A-6c	12-inch up to 16-inch diameter mains	5	per/sectn	9500	47500	
A-6d	20-inch diameter mains	5	per/sectn	15000	75000	
A-7	REPLACEMENT OF ADDITIONAL PIPE (BEYOND 6 FT.) AS DIRECTED					
A-7a	4-inch up to 6-inch diameter mains	50	LF	1116	55800	
A-7b	8-inch up to 10-inch diameter mains	25	LF	1116	27900	
A-7c	12-inch up to 16-inch diameter mains	12	LF	583	7000	
A-7d	20-inch diameter mains	25	LF	2500	62500	
B	INSTALLATION OF WATER MAIN EXTENSION (in local Roads only) LESS THAN 6 FT. DEEP					
B-1	Installation of 4-inch up to 6-inch diameter water main extension	100	LF	200	20000	
B-2	Installation of 8-inch up to 10-inch diameter	50	LF	200	10000	
B-3	Installation of 12-inch up to 16-inch diameter	100	LF	300	30000	
B-4	Installation of 20-inch diameter	25	LF	500	12500	
C	HYDRANTS					
C-1	Hydrant replacement	12	EA	6700	80400	
D	TRAFFIC CONTROL ALLOWANCE					
D-1	Excavation and backfill of test pits	25	EA	1000	25000	
D-2	Test pits/holes less than 6 ft. deep	15	Cu Yds	300	4500	
E	COUNTY AND STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION					
E-1	Furnishing and installing 2 in. Superpave top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads	50	Sq. Yds	150	7500	
E-2	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course and 8 in. Superpave Base Course (HMA25M64) in Mercer County Roads	150	Sq. Yds	150	22500	



TWM-BIDDER'S PROPOSAL PAGE - Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS					Bidder	
Item No	Description	Est. Qty	Unit	Price	Amount	
E-3	Furnishing and installing 2 in. Superpave Top course (MHs 12.5M76) in NJDOT Roads	25	Sq. Yds.	8000	200,000.00	
E-4	Furnishing and installing 2 in. Superpave (HMA9.5M64) top course in Mercer County Roads	40	Sq. Yds.	8000	320,000.00	
F	WATER SERVICES - For 3/4 - inch, 1-1/2 inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWM), service length up to 20 feet and depth of the holes up to 6 feet. Prices in item F include sidewalk and curb restoration.					
F-1	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.	7	per service	4866	34,062.00	
F-2	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.	15	per service	4966	74,490.00	
F-3	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.	5	per service	4966	24,830.00	
F-4	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.	5	per service	5066	25,330.00	
F-5	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.	2	per service	5800	11,600.00	
F-6	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.	2	per service	5900	11,800.00	
F-7	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.	2	per service	5700	11,400.00	
F-8	For 3/4 inch, 1 inch, 1 1/2 inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads with corporation tapping.	2	per service	6000	12,000.00	
F-9	For Excavation and Replacement of Leaking Curb Stops	25	per service	4500	112,500.00	
	<b>TOTAL BASE BID PRICE</b>				<b>\$2,331,708.00</b>	

\$2,331,708.00

## Appendix C

SUPPLEMENTARY BID LIST ITEMS			Bidder			
S-1	Not used.	Est. Qty	Unit	Unit Price	Amount	
S-2	SUPPLEMENTARY PAVEMENT AND CONCRETE REPAIR AND MATERIALS PAVEMENT AND CONCRETE REPAIR AND REPLACEMENT					
	S2-1 Concrete	50	CY	250	\$2500.-	
	S2-2 Infra-red Pavement Repair and Patching	500	CY	180	\$90000.-	
	S2-3 Clean Stone	500	CY	30	\$15000.-	
	S2-4 Dense graded aggregate	500	CY	10	\$5000.-	
	S2-5 Final Road Restoration In Township and City Roads	100	Sq. Yds	150	\$15000.-	
S-3	LABOR AND EQUIPMENT RATES					
	S3-1 Foreman	450	per hour	140	\$63000.-	
	S3-2 Water Repairer	450	per hour	130	\$58500.-	
	S3-3 Laborer	450	per hour	130	\$58500.-	
	S3-4 Heavy Equipment Operator	450	per hour	157	\$70650.-	
	S3-5 Dump Truck Driver	450	per hour	137	\$61650.-	
	S3-6 Flagman	450	per hour	123	\$55350.-	
	S3-7 Dump Truck	450	per hour	50	\$22500.-	
	S3-8 Pickup Truck	450	per hour	1	\$450.-	
	S3-9 Back-hoe	450	per hour	50	\$22500.-	
	S3-10 Utility Truck	450	per hour	5	\$2250.-	
	S3-11 Water Pump	450	per hour	5	\$2250.-	
	S3-12 Tamper	450	per hour	3	\$1350.-	
	S3-13 Attenuator Truck	450	per hour	100	\$45000.-	
	S3-14 Generator	450	per hour	1	\$450.-	
	S3-15 Jackhammer	450	per hour	1	\$450.-	
	S3-16 Air Compressor	450	per hour	5	\$2250.-	
TOTAL SUPPLEMENTARY BID ITEMS					\$604,600.-	

604,600.-

TWW-BIDDER'S PROPOSAL PAGE - Repair of Water Distribution Infrastructure on an As Needed Basis-2020-BASE BID ITEMS					Bidder	
Item No	Description	Est. Qty	Unit	Price	Amount	

Item S3-13 Attenuator Truck

\$ 100.<sup>00</sup> per hour

\$ ONE HUNDRED DOLLARS  
(write unit price in words)

Item S3-14 Generator

\$ 1.<sup>00</sup> per hour

\$ ONE DOLLAR  
(write unit price in words)

Item S3-15 Jackhammer

\$ 1.<sup>00</sup> per hour

\$ ONE DOLLAR  
(write unit price in words)

Item S3-16 Air Compressor

\$ 5.<sup>00</sup> per hour

\$ FIVE DOLLARS  
(write unit price in words)

\$ ONE HUNDRED TWENTY THREE DOLLARS  
(write unit price in words)

Item S3-7 Dump Truck

\$ 50.<sup>00</sup> per hour

\$ FIFTY DOLLARS  
(write unit price in words)

Item S3-8 Pickup Truck

\$ 1.<sup>00</sup> per hour

\$ ONE DOLLAR  
(write unit price in words)

Item S3-9 Back-hoe

\$ 50.<sup>00</sup> per hour

\$ FIFTY DOLLARS  
(write unit price in words)

Item S3-10 Utility Truck

\$ 5.<sup>00</sup> per hour

\$ FIVE DOLLARS  
(write unit price in words)

Item S3-11 Water Pump

\$ 5.<sup>00</sup> per hour

\$ FIVE DOLLARS  
(write unit price in words)

Item S3-12 Tamper

\$ 3.<sup>00</sup> per hour

\$ THREE DOLLARS  
(write unit price in words)

\$ ONE HUNDRED THIRTY DOLLARS  
(write unit price in words)

Item S3-3 Laborer  
Labor Rate:

\$ 130.<sup>00</sup> per hour

\$ ONE HUNDRED THIRTY DOLLARS  
(write unit price in words)

Item S3-4 Heavy Equipment Operator  
Regular Rate:

\$ 157.<sup>00</sup> per hour

\$ ONE HUNDRED FIFTY SEVEN DOLLARS  
(write unit price in words)

Item S3-5 Dump Truck Driver  
Regular Rate:

\$ 137.<sup>00</sup> per hour

\$ ONE HUNDRED THIRTY SEVEN DOLLARS  
(write unit price in words)

Item S3-6 Flagman  
Regular Rate:

\$ 123.<sup>00</sup> per hour

Item S2-5 Final Road Restoration in Township and City Roads

\$ 150.<sup>00</sup> per SY

\$ ONE HUNDRED FIFTY DOLLARS

(Write Unit Price)

### S-3. LABOR and EQUIPMENT RATES

Labor rates specified in Supplementary Bid Item S-3 apply to normal working hours 7:30 AM – 5:30 PM Monday through Friday.

For work performed outside of normal working hours, the Contractor will be compensated for overtime labor at a rate of 1.5x the rate specified in Supplementary Bid Item S-3. This applies to work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days.

For all bid items that are to include labor as specified in Section 01010 Summary of Work, the Contractor shall be compensated for overtime pay for work performed between the hours of 5:30 PM – 7:30 AM Monday -Friday, federal holidays and weekend days. The additional overtime pay compensation shall be at a rate of 0.5X the rate specified in Supplementary Bid Item S-3.

Item S3-1 Foreman

Labor Rate:

\$ 140.<sup>00</sup> per hour

\$ ONE HUNDRED FORTY DOLLARS

(write unit price in words)

Item S3-2 Water Repairer

Labor Rate:

\$ 130.<sup>00</sup> per hour

**SUPPLEMENTARY BID LIST ITEMS**

**ITEM S-1      NOT USED**

**ITEM S-2: FOR ADDITIONAL PAVEMENT, CONCRETE REPAIR AND MATERIALS:**

Item S2-1      Concrete

\$ 250.<sup>00</sup> per CY

\$ TWO HUNDRED FIFTY DOLLARS

(Write Unit Price)

Item S2-2      Infra-red Pavement Repair and Patching

\$ 180.<sup>00</sup> per sq yd

\$ ONE HUNDRED EIGHTY DOLLARS

(Write Unit Price)

Item S2-3      Clean Stone

\$ 30.<sup>00</sup> per CY

\$ THIRTY DOLLARS

(Write Unit Price)

Item S2-4 Dense Graded Aggregate

\$ 10.<sup>00</sup> per CY

\$ TEN DOLLARS

(Write Unit Price)



F-9	<p>For Excavation and Replacement of leaking curb stops</p> <p>\$ <u>2,500.<sup>00</sup></u> per Service</p> <p><u>TWO THOUSAND FIVE HUNDRED DOLLARS</u></p> <p>(Write Unit Price)</p>
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F-5	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads without corporation tapping.</p> <p>\$ <u>5,800.<sup>00</sup></u> per Service</p> <p>\$ <u>FIVE THOUSAND EIGHT HUNDRED DOLLARS</u> (Write Unit Price)</p>
F-6	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Mercer County Roads with corporation tapping.</p> <p>\$ <u>5,900.<sup>00</sup></u> per Service</p> <p>\$ <u>FIVE THOUSAND NINE HUNDRED DOLLARS</u> (Write Unit Price)</p>
F-7	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads without corporation tapping.</p> <p>\$ <u>5,900.<sup>00</sup></u> per Service</p> <p>\$ <u>FIVE THOUSAND NINE HUNDRED DOLLARS</u> (Write Unit Price)</p>
F-8	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in New Jersey State Highway Roads with corporation tapping.</p> <p>\$ <u>6,000.<sup>00</sup></u> per service</p> <p>\$ <u>SIX THOUSAND DOLLARS</u> (Write Unit Price)</p>

F-1	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads without corporation tapping.</p> <p>\$ <u>4,866.<sup>00</sup></u> per Service</p> <p>\$ <u>FOUR THOUSAND EIGHT HUNDRED SIXTY SIX DOLLARS</u> (Write Unit Price)</p>
F-2	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Leak Repair Complete in Asphalt Base, Township Roads with corporation tapping.</p> <p>\$ <u>4,966.<sup>00</sup></u> per Service</p> <p>\$ <u>FOUR THOUSAND NINE HUNDRED SIXTY SIX DOLLARS</u> (Write Unit Price)</p>
F-3	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads without corporation tapping.</p> <p>\$ <u>4,966.<sup>00</sup></u> per Service</p> <p>\$ <u>FOUR THOUSAND NINE HUNDRED SIXTY SIX DOLLARS</u> (Write Unit Price)</p>
F-4	<p>For ¾ inch, 1 inch, 1 ½ inch, and 2 inch Diameter Service Replacements Complete in Concrete Sub-base Roads with corporation tapping.</p> <p>\$ <u>5,066.<sup>00</sup></u> per Service</p> <p>\$ <u>FIVE THOUSAND SIXTY SIX DOLLARS</u> (Write Unit Price)</p>

	<p>\$ <u>300.<sup>00</sup></u> /per cu.yd.</p> <p>@ <u>THREE HUNDRED DOLLARS</u> (write unit price in words)</p>
E.	COUNTY and STATE ROAD TEMPORARY AND FINAL ROAD RESTORATION
E-1	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) and 8 inch Superpave Base Course (HMA25M64) in NJDOT Roads</p> <p>\$ <u>150.<sup>00</sup></u> per sq yd</p> <p>\$ <u>ONE HUNDRED FIFTY DOLLARS</u> (write unit price in words)</p>
E-2	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course and 8 inch Superpave Base Course 9HMA25M64) in Mercer County Roads</p> <p>\$ <u>150.<sup>00</sup></u> per sq.yd</p> <p>\$ <u>ONE HUNDRED FIFTY DOLLARS</u> (write unit price in words)</p>
E-3	<p>Furnishing and installing 2 inch Superpave Top course (MHS 12.5M76) in NJDOT Roads</p> <p>\$ <u>80.<sup>00</sup></u> per sq.yd</p> <p>\$ <u>EIGHTY DOLLARS</u> (write unit price in words)</p>
E-4	<p>Furnishing and installing 2 inch Super Pave (HMA9.5M64) top course in Mercer County Roads</p> <p>\$ <u>80.<sup>00</sup></u> per sq.yd</p> <p>\$ <u>EIGHTY DOLLARS</u> (write unit price in words)</p>
F.	<p>WATER SERVICES</p> <p>For 3/4 -inch, 1-inch, 1-1/2-inch and 2-inch diameter service repair and replacement complete including excavation, select backfill and temporary road restoration, labor, equipment (backfill material, saddles and repair materials provided by TWW), service length up to 20 feet and depth of the holes up to 6 feet. Prices in item F include sidewalk and curb restoration.</p>

B.	INSTALLATION OF WATER MAIN EXTENSION (in local roads only) LESS THAN 6 FT. DEEP
B-1.	Installation of 4-inch up to 6-inch diameter water main extension \$ <u>200.<sup>00</sup></u> per LF <u>TWO HUNDRED DOLLARS</u> (write unit price in words)
B-2	Installation of 8-inch up to 10-inch diameter water main extension \$ <u>200.<sup>00</sup></u> per LF <u>TWO HUNDRED DOLLARS</u> (write unit price in words)
B-3	Installation of 12-inch up to 16-inch diameter water main extension \$ <u>300.<sup>00</sup></u> per LF <u>THREE HUNDRED DOLLARS</u> (write unit price in words)
B-4	Installation of 20-inch diameter water main extension \$ <u>500.<sup>00</sup></u> per LF <u>FIVE HUNDRED DOLLARS</u> (write unit price in words)
C.	HYDRANTS
C-1	Hydrant Replacement \$ <u>6,700.<sup>00</sup></u> per each <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
	TRAFFIC CONTROL EXPENSES
	Directly passed through to TWW on an as needed basis.
D.	TEST PITS and DEEP EXCAVATIONS
D-1	Test pits/ holes less than 6 ft deep \$ <u>1,000.<sup>00</sup></u> per pit/hole <u>ONE THOUSAND DOLLARS</u> (write unit price in words)
D-2	Deep Excavations ( trenches and test pits greater than or equal to 6 FT deep)

A-6b.	8-inch up to 10-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-6c.	12 up to 16-inch diameter mains \$ <u>9,500.<sup>00</sup></u> per each <u>NINE THOUSAND FIVE HUNDRED DOLLARS</u> (write unit price in words)
A-6d.	20-inch diameter mains \$ <u>15,000.<sup>00</sup></u> per each <u>FIFTEEN THOUSAND DOLLARS</u> (write unit price in words)
A-7	REPLACEMENT OF ADDITIONAL PIPE (BEYOND 6 FT.) AS DIRECTED
A-7a.	4-inch up to 6-inch diameter mains \$ <u>1,116.<sup>00</sup></u> per LF <u>ONE THOUSAND ONE HUNDRED SIXTEEN DOLLARS</u> (write unit price in words)
A-7b.	8-inch up to 10-inch diameter mains \$ <u>1,116.<sup>00</sup></u> per LF <u>ONE THOUSAND ONE HUNDRED SIXTEEN DOLLARS</u> (write unit price in words)
A-7c.	12-inch up to 16-inch diameter mains \$ <u>1,583.<sup>00</sup></u> per LF <u>ONE THOUSAND FIVE HUNDRED EIGHTY THREE DOLLARS</u> (write unit price in words)
A-7d.	20-inch diameter mains \$ <u>2,500.<sup>00</sup></u> per LF <u>TWO THOUSAND FIVE HUNDRED DOLLARS</u> (write unit price in words)

A-4e.	Locating, uncovering, and cleaning of buried valve boxes and installation of valve box to grade level \$ <u>2,000.<sup>00</sup></u> per each <u>TWO THOUSAND DOLLARS</u> (write unit price in words)
A-5.	REPAIR OF WATER MAINS BY REPLACEMENT OF FITTINGS (including 2 LF of pipe on each side of fitting and couplings)
A-5a.	4-inch up to 6-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each. <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-5b.	8-inch up to 10-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-5c.	12-inch up to 16-inch diameter mains \$ <u>9,500.<sup>00</sup></u> per each <u>NINE THOUSAND FIVE HUNDRED DOLLARS</u> (write unit price in words)
A-5d.	20-inch diameter mains \$ <u>20,000.<sup>00</sup></u> per each. <u>TWENTY THOUSAND DOLLARS</u> (write unit price in words)
A-6.	REPAIR OF WATER MAINS BY REPLACEMENT OF PIPE (less than 6 linear feet)
A-6a.	4-inch up to 6-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)

A-2d.	20 inch diameter mains \$ <u>8,700.<sup>00</sup></u> per each  <u>EIGHT THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-3	REPAIR OF STEEL WATER MAINS BY PLUGGING AND/OR WELDING
A-3a	48-inch diameter mains \$ <u>12,700.<sup>00</sup></u> per each  <u>TWELVE THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-4.	REPLACEMENT OF LEAKING WATER VALVES
A-4a.	4-inch up to 6-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each  <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-4b.	8-inch up to 10-inch diameter mains \$ <u>6,700.<sup>00</sup></u> per each  <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-4c.	12-inch up to 16-inch diameter mains \$ <u>8,700.<sup>00</sup></u> per each  <u>EIGHT THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-4d.	20-inch diameter mains \$ <u>13,400.<sup>00</sup></u> per each  <u>THIRTEEN THOUSAND FOUR HUNDRED DOLLARS</u> (write unit price in words)



**BID FORM Section 00400**

**City of Trenton, Department of Water and Sewer –**

**Division of Water – Trenton Water Works (TWW)**

**Request for Bid: Repair of Water Distribution Infrastructure on an As Needed Basis**

**Bid form unit prices shall include all labor as specified in Summary of Work 01010. Bidders shall assume base bid work for normal working hours (7:30 AM – 5:30 PM Monday-Friday). Bid form unit prices shall include bidder traffic control costs, and exclude uniformed police for traffic control. When needed, uniformed police traffic control expenses will be passed directly through to TWW with no markup applied.**

**BIDDER: PLEASE COMPLETE COSTS FOR EACH ITEM**

Item No.	Description of Items
<b>A.</b>	<b>REPAIR OF WATER SERVICE &amp; MAIN LEAKS AND BREAKS</b>
<b>A-1.</b>	<b>REPAIR OF WATER SERVICE LEAKS</b>
A-1a.	Repair of Water Service Leaks above 2 inches up to 4 inches diameter pipes  \$ <u>6,700.00</u> per each  <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
<b>A-2.</b>	<b>REPAIR OF WATER MAIN LEAKS BY RE-CAULKING AND/OR USING JOINING CLAMPS OR REPAIR CLAMPS</b>
A-2a.	4-inch up to 6-inch diameter mains  \$ <u>6,700.00</u> per each  <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-2b.	8 inch up to 10 inch diameter mains  \$ <u>6,700.00</u> per each  <u>SIX THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)
A-2c.	12-inch up to 16-inch diameter mains \$ <u>7,700.00</u> per each  <u>SEVEN THOUSAND SEVEN HUNDRED DOLLARS</u> (write unit price in words)

PROVIDE A LIST SUB-CONTRACTORS  
COPY OF LICENSES SUBMITTED WITH BID

(MANDATORY)

NAME Rusling Paving & Concrete, LLC  
ADDRESS 204 Irven St.  
CITY, STATE, ZIP EWING, NJ 08638  
TELEPHONE: 609-771-4303  
FAX NO. 609-771-6802  
TRADE PAVING  
LICENSE NO. 13VH00329600

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
TRADE \_\_\_\_\_  
LICENSE NO. \_\_\_\_\_