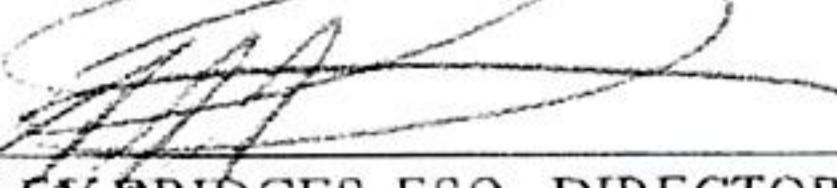


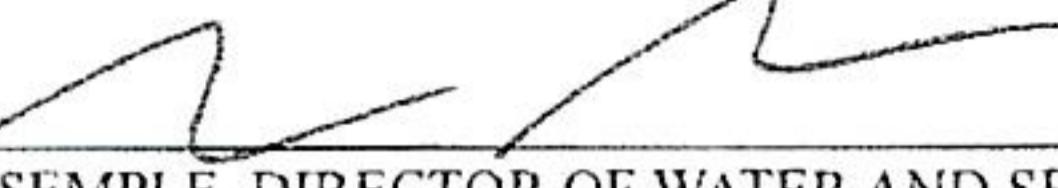
RESOLUTION

No. 25-338Date of Adoption SEP 04 2025

Approved as to Form and Legality


WESLEY BRIDGES, ESQ., DIRECTOR OF LAW

Factual content certified by


SEAN SEMPLE, DIRECTOR OF WATER AND SEWER

Councilman /woman _____ presents the following Resolution:

SPONSORED BY: _____

RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO MUNICIPAL MAINTENANCE COMPANY FOR TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR THE DEPARTMENT OF WATER AND SEWER, TRENTON WATER WORKS, WATER FILTRATION PLANT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$343,000.00 WITH THE OPTION TO EXTEND ONE (1) YEAR – BID2025-67

WHEREAS, one (1) sealed bid was received in the Division of Purchasing on July 22, 2025, at 11:00 am, by the Purchasing Agent for Tekkem Lime Slaking Maintenance Service for Various Equipment for the City of Trenton, Department of Water and Sewer, Trenton Water Works, Water Filtration Plant; and

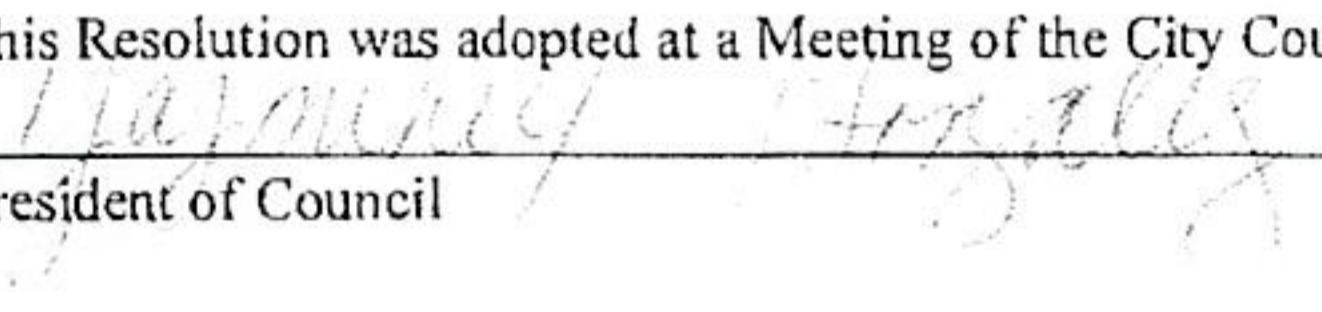
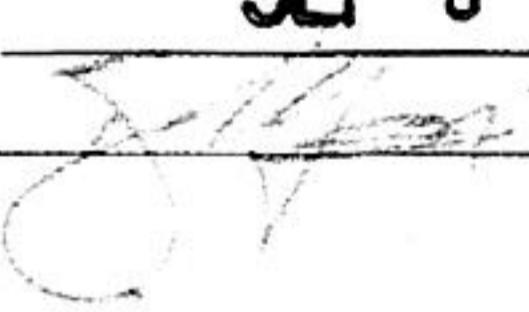
WHEREAS, The purpose of this resolution is to provide inspection and maintenance services for various pieces of equipment used for the lime feed. Lime is used to adjust the pH for the coagulation process and for corrosion control. The equipment requires monthly, quarterly and annual inspection and maintenance; and

WHEREAS, the sole bidder, Municipal Maintenance Company, 1352 Taylors Lane, Cinnaminson, NJ 08077, 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 \$343,000.00 have been certified to be available in the following account number: 05-05- -55-5506-823-006. This contract shall be awarded for a period of one (1) year from the date of award with the option to extend one (1) additional year in an amount not to exceed \$315,250.00 contingent upon the temporary and final adoption of CY' 26 utilizing account number 06-05- -55-5506-823-006; 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 Municipal Maintenance Company, 1352 Taylors Lane, Cinnaminson, NJ 08077, for Tekkem Lime Slaking Maintenance Service for Various Equipment for the City of Trenton, Department of Water and Sewer, Trenton Water Works, Water Filtration Plant for a period of one (1) year in an amount not to exceed \$343,000.00 from the date of award with the option to extend one (1) additional year for the said purposes in the manner prescribed by law.

MOTION: <u>FRISBY</u>						SECOND: <u>FELICIANO</u>										
	Aye	Nay	Abstain	Absent			Aye	Nay	Abstain	Absent			Aye	Nay	Abstain	Absent
EDWARDS					FRISBY						GONZALEZ					
FELICIANO					HARRISON											
FIGUEROA KETTENBURG					WILLIAMS											

SEP 04 2025This Resolution was adopted at a Meeting of the City Council of the City of Trenton on SEP 04 2025President of Council City Clerk 

PURCHASING

AGREEMENT

CITY OF TRENTON, NEW JERSEY

BID2025-67

RES. NO. 25-338

AWARDED TO MUNICIPAL MAINTENANCE COMPANY

FOR TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR THE DEPARTMENT OF WATER AND SEWER, TRENTON WATER WORKS, WATER FILTRATION PLANT

This Agreement, entered into this 5th Day of SEPTEMBER 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 **MUNICIPAL MAINTENANCE COMPANY, 1352 TAYLORS LANE, CINNAMINSON, NJ 08077** ("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 \$343,000.00 FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE AWARD WITH THE OPTION TO EXTEND ONE (1) ADDITIONAL YEAR IN AN AMOUNT NOT TO EXCEED \$315,250.00**;

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 MUNICIPAL MAINTENANCE COMPANY FOR TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR THE DEPARTMENT OF WATER AND SEWER, TRENTON WATER WORKS, WATER FILTRATION PLANT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$343,000.00 WITH THE OPTION TO EXTEND ONE (1) YEAR – BID2025-67

B. The contract shall be submitted 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 provision 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, RMC
Municipal Clerk

10/20/25

Date


W. Reed Gusciora, Esq. Mayor
10-19-25

Date

and

MUNICIPAL MAINTENANCE COMPANY, 1352 TAYLORS LANE, CINNAMINSON, NJ 08077

CONTRACTOR SIGNATURE

DATE

Attest:


Stephen Gauth
Secretary


Daniel Gauth
President

9123125

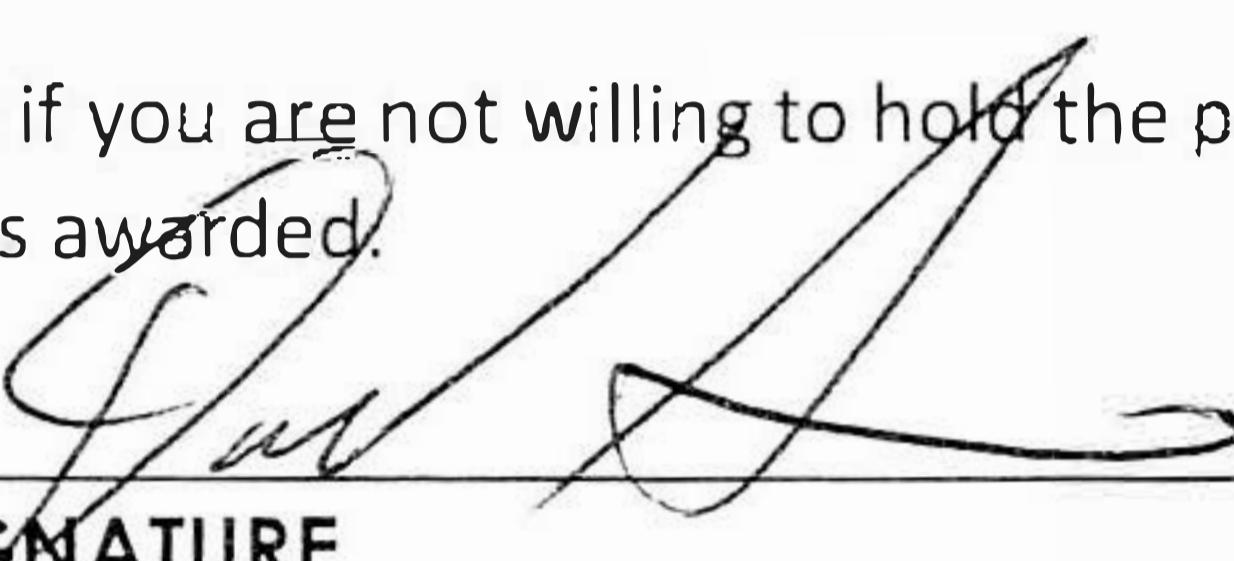
Date

CONTRACT AWARD

Upon opening bids, pricing shall remain firm for a period of sixty (60) calendar days. If the award is not made within sixty (60) calendar days, bidders may hold their bid consideration beyond sixty days or until the contract is awarded.

Check here if you are willing to hold the pricing consideration beyond sixty days or until the contract is awarded.

Check here if you are not willing to hold the pricing consideration beyond sixty days or until the contract is awarded.


AUTHORIZED SIGNATURE

**Maintenance Contract Tekkem
Lime Slaking Systems Bid2025-67
CY2025**

I (we) hereby certify that I (we) have read the contract together with the specifications attached hereto, and have also examined the site(s) of the work, and fully understand the meaning of the work to be completed, and if awarded the contract hereby agrees that I (we) shall comply with all of the terms, covenants, and agreements set forth herein.

I (we), agree to receive as full compensation for furnishing the services called for under these specifications, complete and finished in every detail, and in full accordance with the specifications which are hereby made part and parcel of the proposal the following sums:

SERVICE ITEM	HOURLY/UNIT COST	NUMBER OF HOURS/(other)	TOTAL PRICE
Monthly Service Items	2,100.00	12	25,200.00
Quarterly Service Items	1,200.00	4	4,800.00
Semi-Annual Service Items	2,000.00	2	4,000.00
Annual Service Items	2,500.00	1	2,500.00
Partial disassembly of lines from the Silo to the day tanks, cleaning lines, vacating, disposal, and reassembly	9,250.00	Allowance for 5 X's per contract as needed	46,250.00
Emergency Service (Work Day)	160.00	360 hours	57,600.00
Emergency Service (After Hours)	225.00	720 hours	162,000.00
Parts & Materials (fixed)			\$15,000.00
Ultra-Web Filter Cartridges For Tbv-2 Dust Collector	450.00	4	1,800.00
Roto-Bindicator Level Probe, 120V	1250.00	2	2,500.00
Adjustable Speed Responsive Switch for Rotary Airlock Feeders	1,000.00	1	1,000.00
Type K Thermocouple	225.00	1	225.00

TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

Kistler-Morse Load Disc 3	3,100.00	1	3,100.00
Bray 3" Resilient Seated Butterfly Valve With Double Acting Pneumatic Actuator	750.00	1	750.00
Bray 8" Resilient Seated Butterfly Valve With Double Acting Pneumatic Actuator	2,000.00	1	2,000.00
ASCO 2 Way General Service Solenoid Valve, Brass Body, 1/2"NPT	300.00	1	300.00
ASCO 2 Way General Service Solenoid Valve, Brass Body, 1"NPT	450.00	1	450.00
ASCO 2 Way General Service Solenoid Valve, Brass Body, 3/8"NPT	300.00	1	300.00
Siemens Sitrans, Two-wire Level Sensor, 4-20mA Output, 24BDC	2,990.00	1	2,990.00
Weir Pump Suction Side Liner, DL5VRA102	1,250.00	1	1,250.00
Weir Pump Impeller, DL5VRKC1003	1,500.00	1	1,500.00
Weir Pump Drive Side Liner, DL5VRB104	1,250.00	1	1,250.00
PLC Input Module, 16P, 120V, Series C	1,900.00	1	1,900.00
PLC Output Module, 16P, 120/240V	2,490.00	1	2,490.00
Fuse, 10A, Fast-Acting 1/4"x1 1/4", Glass	18.00	5	90.00
Fuse, 3A, Fast-Acting, 1/4"x1 1/4", Glass	12.00	5	60.00
Fuse, 1A, Fast-Acting 1/4"x1 1/4", Glass	75.00	5	375.00
Time Delay "Slo-Blow" Fuse, MDL Style, 10A	72.00	5	360.00
Fuse, 5A, Fast-Acting, 1/4"x1 1/4", Glass	12.00	5	60.00
Relay, 11 Pin, Manual Operator and Pilot Light, 120V Coil	300.00	3	900.00
Grand Total:			34300.00

TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

MAINTENANCE
CONTRACT TEKKEM
LIME SLAKING SYSTEMS
BID2025-67
CY2025

Grand Total from previous page: \$ 343,000.00

Respectfully Submitted:

municipal maintenance co

(Company)

Tom E

(Signature)

Thomas Gauthier Vice President

(Print Name Above)

856-786-9434

(Phone Number)

Include the following:

- Documentation for experience and references
- Documentation of qualifications
- Copy of Business Registration Certificate issued by the New Jersey Department of the Treasury, Division of Revenue

TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

**MAINTENANCE CONTRACT TEKKEM
LIME SLAKING SYSTEMS BID
OPTION TO EXTEND ONE (1) ADDITIONAL YEAR
CY2026**

I (we) hereby certify that I (we) have read the contract together with the specifications attached hereto, and have also examined the site(s) of the work, and fully understand the meaning of the work to be completed, and if awarded the contract hereby agrees that I (we) shall comply with all of the terms, covenants, and agreements set forth herein.

I (we), agree to receive as full compensation for furnishing the services called for under these specifications, complete and finished in every detail, and in full accordance with the specifications which are hereby made part and parcel of the proposal the following sums:

SERVICE ITEM	HOURLY UNIT COST	NUMBER OF HOURS/(other)	TOTAL PRICE
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Semi-Annual Service Items	2,000.00	2	4,000.00
Annual Service Items	2,500.00	1	2,500.00
Partial disassembly of lines from the Silo to the day tanks, cleaning lines, vactroring, disposal, and reassembly	9,250.00	Allowance for 2 X's per contract as needed	18,500.00
Emergency Service (Work Day)	160.00	360 hours	57,600.00
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Adjustable Speed Responsive Switch for Rotary Airlock Feeders	1,000.00	1	1,000.00
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TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

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ASCO 2 Way General Service Solenoid Valve, Brass Body, 1" NPT	450.00	1	450.00
ASCO 2 Way General Service Solenoid Valve, Brass Body, 3/8" NPT	300.00	1	300.00
Siemens Sitrans, Two-wire Level Sensor, 4-20mA Output, 24VDC	2,990.00	1	2,990.00
Weir Pump Suction Side Liner, DI.5VRA102	1,250.00	1	1,250.00
Weir Pump Impeller, DI.5VRKC1003	1,500.00	1	1,500.00
Weir Pump Drive Side Liner, DI.5VRB104	1,250.00	1	1,250.00
PLC Input Module, 16P, 120V, Series C	1,900.00	1	1,900.00
PLC Output Module, 16P, 120/240V	2,490.00	1	2,490.00
Fuse, 10A, Fast-Acting 1/4" x 1 1/4", Glass	18.00	5	90.00
Fuse, 3A, Fast-Acting, 1/4" x 1 1/4", Glass	12.00	5	60.00
Fuse, 1A, Fast-Acting 1/4" x 1 1/4", Glass	75.00	5	375.00
Time Delay "Slow-Blow" Fuse, MDL Style, 10A	72.00	5	360.00
Fuse, SA, Fast-Acting, 1/4" x 1 1/4", Glass	12.00	5	60.00
Relay, 11 Pin, Manual Operator and Pilot Light, 120V Coil	300.00	3	900.00
Grand Total:			315,250.00

TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

MAINTENANCE
CONTRACT TEKKEM LIME
SLAKING SYSTEMS BID
OPTION TO EXTEND ONE (1) YEAR CY2026

Grand Total from previous page: \$ 315,250.00

Respectfully Submitted:
Municipal Maintenance Co

(Company)
Mr

(Signature)
Thomas Gush V.C President

(Print Name Above)
856-786-9434

(Phone Number)

Include the following:

- Documentation for experience and references
- Documentation of qualifications
- Copy of Business Registration Certificate issued by the New Jersey Department of the Treasury, Division of Revenue

TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO EXTEND ONE (1) ADDITIONAL YEAR FOR THE CITY OF TRENTON DEPARTMENT OF WATER AND SEWER TRENTON WATER WORKS WATER FILTRATION PLANT - BID OPENING JULY 22, 2025, AT 11:00AM

Maintenance Contract Specification

RDP Technologies Tekkem Lime Slaking Systems

**For The
City of Trenton**



TRENTON WATER WORKS

**TEKKEM LIME SLAKING MAINTENANCE SERVICE FOR VARIOUS EQUIPMENT FOR A PERIOD OF ONE (1) YEAR WITH AN OPTION TO
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Section 1: Introduction

The contractor shall furnish all labor necessary to perform periodic preventative maintenance and inspections for the RDP Tekkem Lime Slaking Systems provided for the Trenton Water Filtration Plant. The work is limited to just the equipment that is unique to the RDP Lime Storage, Feed and Slaking Systems. Maintenance and inspection services shall be conducted on a monthly basis. At the completion of each service visit, a written report shall be forwarded to the Water Treatment Plant Superintendent summarizing the work completed including the results, as well as any recommendations.

Section 2: Equipment and Schedule

This proposal covers the periodic preventative maintenance and inspection of the following equipment and accessories. The Equipment components are listed by PI&D tag number from the original project plans and specifications.

<u>Equipment</u>	<u>P&ID Tag</u>	<u>Equipment</u>	<u>P&ID Tag</u>
Lime Truck	LCP-200T-01	Pneumatic Convey	PLC-200-03
Unloading Panel		Control Panel	
Lime Storage Silo	200T-1	DayTank#1	200T-02
Dust Collector	200CE-01/200S-22	Dust Collector	200CE-08/200S-13
High Level Probe	LSH-1309	High Level Probe	LSH-1307
Reorder Level Probe	LSL-1309A	Low Level Probe	LSL-1307
Low Level Probe	LSLL-1309B	Bin Activator	200CE-10
Fill Limit Switch	ZS-1308	Lime Feed Screw #1	210CAJ
Bin Activator	200CE-02	Motor	200CE-12
Rotary Feeder	200CE-03	DayTank#2	200T-03
Rotary Airlock	200CE-05	Dust Collector	200CE-09/200S-21
Duty Lime Blower	200CE-06	High Level Probe	LSH-1308
Enclosure Fan	200CE-24	Low Level Probe	LSL-1308
Standby Lime		Bin Activator	200CE-11
Blower	200CE-07		
Enclosure Fan	200CE-25	Lime Feed Screw #1	210CBJ
Slide Diverter Valve	200V-8A/-8B	Motor	200CE-13
Slaking System #1	PLC-200-01	Slaking System #2	PLC-200-02
Control Panel		Control Panel	
Tekkem Slaker #1	200T-04	Tekkem Slaker #2	200T-05
Mixer	200CE-14	Mixer	200CE-15
Slaker Temperature	TE-1395	Slaker Temperature	TE-1396
Feed Water Valve	200S-10V3	Feed Water Valve	200S-18V3
(2) Cleaning Water	200S-08V5	(2) Cleaning Water	200S-16V5
Valves	200S-09V6	Valves	200S-17V6
Dust Arrestor Valve	200S-11V4	Dust Arrestor Valve	200S-19V4
Lime Inlet Valve	200V-11	Lime Inlet Valve	200V-21
Discharge Valve	200V-14	Discharge Valve	200V-24
Load Discs	WE-1393A	Load Discs	WE-1395A
	WE-1393B		WE-1395B
	WE-1393C		WE-1395C
Transfer Pump #1	200CP-01	Transfer Pump #2	200CP-02
Aging Tank #1	200T-06	Aging Tank #2	200T-07
Mixer	200CE-20	Mixer	200CE-21

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<u>Equipment</u>	<u>P&ID Tag</u>	<u>Equipment</u>	<u>P&ID Tag</u>
Level Probe	LIT-1394	Level Probe	LIT-1397
Grit Classifier #1		Grit Classifier #2	
Grit Screw Motor	200CE-18	Grit Screw Motor	200CE-19
Classifier Loop Pump	200CP-07	Classifier Loop Pump	200CP-08
Slurry Feed Sys #1		Slurry Feed Sys #2	
Dosing Pump #2 (Pre-Lime)	200CP-04	Dosing Pump #4 (Pre-Lime)	200CP-06
Dosing Pump #1 (Post-Lime)	200CP-03	Dosing Pump #3 (Post-Lime)	200CP-05

The contractor shall provide the periodic maintenance and inspection services in accordance with the following schedule.

Monthly:

<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Pneumatic Conveying Package	Blower Bearings	Lubricate bearings using Mobilux EP2 or other NLGI #2 grease.
	Blowers	Check and clean air filters
	Blower Gears	Check relief valve for proper operation Check oil level and quality. Add oil as necessary.
Lime Feed Screws	Tail Bearings	Lubricate using Mobilux EP2 or other NLGI #2 grease.
Tekkem Slaker	Tank	Check and clean inside tank and impeller assembly. Remove all build up and scaling.
	Spray Nozzles	Check and clean nozzles. Remove all scale and build up.
	Lime Inlet Valve	Check and clean valve. Remove lime dust build up.
Slurry Aging Tank	Tank	Check and clean inside tank and impeller assembly. Remove all build up and scaling.

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<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Weir Slurry Pumps	Pump Shaft Seal	Lubricate using Mobilux EP2 or other NLGI #2 grease.
	Pump Bearing	Check oil level and quality. Add oil as necessary.
Fine Grit Classifiers	Tail Bearing	Lubricate end bearings using Mobilux EP2 or other NLGI #2 grease.
Post-Lime Hose Pumps	Hose Lubricant	Check for pumphead for leakage. Check lubricant level and quality. Add as necessary.
	Gearbox	Check oil level and quality. Add oil as necessary.
System Control Panels	Panel push button and indicating lights	Perform self test (push-to-test) on all mounted indicator lights

Quarterly (In addition to the Monthly Checks)

<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Lime Storage Silo and Day Tanks	Pressure Vacuum Relief Valve	Inspect pressure relief valve for clear and free operation. Replace damaged or worn components as required.
Bin Activators	Sleeves and Isolators	Check clamp tightness for flexible sleeve. Inspect sleeve and isolators for wear or corrosion. Re-torque all bolts, especially vibrator mounting bolts.
Rotary Feeder/Airlock	Chain Drive	Lubricate drive chain using Mobilux EP2 or other NLGI #2 grease.

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Semi-Annually (In addition to the Monthly Checks)

<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Lime Storage Silo and Day Tanks	Ladders and Handrails	Inspect guardrails and ladders for looseness or damage. Repair or replace as required.
Dust Collectors	Filter Cartridges	Check operation of the shaker mechanism, filter fabric and integrity of all dust seals and replace as required.
	Fan Chamber	Check fan chamber, which should be free of any dust build up.
Pneumatic Conveying Package	Blower Gears	Change oil using Tuthill PneuLube (ISO 100) or Mobile DTE Oil Extra Heavy.
	Blower Drives	Inspect sheaves and belts for wear and cleanliness. Check sheave alignment and correct as required. Check and tension belts. Belts should have about $\frac{1}{2}$ " play.
Rotary Feeder/Airlock	Gearmotor	Check oil level and quality, add oil as necessary.
	Chain Drive	Check sprocket wear. If teeth have hooked appearance, replace sprocket. Check chain elongation. If actual length is $2\frac{1}{2}\%$ longer than calculated, replace chain. Check alignment. Check chain sag/tension. Adjust as necessary for slack side. Chain should ride smoothly on sprockets.
Lime Feed Screws	Gearmotor	Check oil level and quality, add oil as necessary.
	Screw Augers	Inspect augers for wear and cleanliness. Scrape build up from augers. Clean as required.
Tekkem Slakers	Temperature Probe	Inspect probe for cleanliness. Clean as required.

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<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Slurry Aging Tanks	Gearmotor	Check oil level and quality, add oil as necessary. Change oil using Mobil 600W Super. Lubricate motor bearings using Mobilux EP2 or other NLGI #2 grease.
Weir Slurry Pumps		Inspect and retighten mounting and piping bolts. Inspect trunnions Check and adjust V-belt drive
Fine Grit Classifier	Gearmotor	Check oil level and quality, add oil as necessary.
	Screw Augers	Inspect augers for wear and cleanliness. Scrape build up from augers. Clean as required.
System Control Panels	Panel interior Programmable Logic Computer (PLC) Universal Power Supply	General inspection of panel interior Confirm status light for battery (red "BAT") is off Perform self test, when equipment is not in use

Allowance for up to 5 cleanings of the piping from the Silo to the Day tanks. Work includes, but is not necessarily limited to, labor and materials to disassemble the piping to allow for the vacating and scouring of the piping to remove built up lime, furnishing all equipment including vactor truck(s), disposal of the material vacuumed by the vactor truck(s), reassembly of the piping, and testing of the equipment.

Annually (In addition to the Monthly Checks)

<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Lime Storage Silo and Day Tanks	General	Verify all bolted connections are properly torqued. Re-tighten loose connections and re-examine in 3 months.
Dust Collectors	Blower Motor	Lubricate fan motor using Mobilux EP2 or other NLGI #2 grease.

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<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
Bin Activators	Vibrator Motor	Lubricate vibrator motor using Shell Aeroshell #5 grease or Kluber Staburags NBU8EP.
	Level Indicators	Inspect paddle and shaft for wear.
Rotary Feeder/Airlock	Gearmotor	Change oil using Mobile DTE Oil Extra Heavy or other AGMA Grade 4 oil.
	General	Check flexible transitions for failures. Inspect Seals and Gaskets for damage or leakage. Check Emergency/Safety Devices for proper operation
Lime Feed Screws	Gearmotor	Change oil using Mobilgear 629 or 630 or other AGMA Grade 4 or 5 oil. Lubricate motor bearings using Mobilux EP2 or other NLGI #2 grease.
	Coupling Bolts	Inspect for wear or loss.
Tekkem Slakers	Gearmotor	Lubricate motor bearings using Mobilux EP2 or other NLGI #2 grease.
Fine Grit Classifiers	Gearmotor	Change oil using Mobilgear 629 or 630 or other AGMA Grade 4 or 5 oil. Lubricate motor bearings using Mobilux EP2 or other NLGI #2 grease.
	Coupling Bolts	Inspect for wear or loss.
Weir Slurry Pumps	Pump Bearing	Change oil.
Post-Lime Hose Pumps	Hose Lubricant	Change hose lubricant after every 2 nd hose or 5000 hours.
	Gearbox	Change oil using AGMA Grade 4 or 5 oil.
System Control Panels	Termination blocks	Inspect termination blocks for corrosion, security, and appearance
	Circuit Breakers	Cycle circuit breakers when equipment is not in use

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<u>Equipment</u>	<u>Component</u>	<u>Activity</u>
	Control Panel Switches	Cycle switches from all positions and confirm operation

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Spare Parts

The following list is for spare parts stocking for the RDP Lime Storage, Feed and Slaking Systems that the contractor shall furnish within the first 30 days of this contract.

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
4	Ultra-Web Filter Cartridges For Tbv-2 Dust Collector	#PI 4581-016-436
2	Roto-Indicator Level Probe, 120V	#RA-H-2
1	Adjustable Speed Responsive Switch for Rotary Airlock Feeders	#SRC
1	Type K Thermocouple	#NB2-CASS-14U-4
1	Kistler-Morse Load Disc 3	#LD3-01K-X-015-X-X
1	Bray 3" Resilient Seated Butterfly Valve With Double Acting Pneumatic Actuator	#30-119U/C BFV w/92-63
1	Bray 8" Resilient Seated Butterfly Valve With Double Acting Pneumatic Actuator	#30-119U/C BFV w/92- 118
1	ASCO 2 Way General Service Solenoid Valve, Brass Body, ½"NPT	#8210G94-120/60
1	ASCO 2 Way General Service Solenoid Valve, Brass Body, 1"NPT	#8210G4-120/60
1	ASCO 2 Way General Service Solenoid Valve, Brass Body, 3/8"NPT	#8210G93-120/60
1	Siemens Sitrans, Two-wire Level Sensor, 4-20mA Output, 24BDC	#7ML5221-2BA1 1-ZY15
1	Weir Pump Suction Side Liner, D1.5VRA102	#13854
1	Weir Pump Impeller, D1.5VRKC1003	#17007
1	Weir Pump Drive Side Liner, D1.5VRB104	#14987
1	PLC Input Module, 16P, 120V, Series C	#1746-IA16
1	PLC Output Module, 16P, 120/240V	#1746-OW16
5	Fuse, IOA, Fast-Acting ¼"x1¼", Glass	#ACG-10
5	Fuse, 3A, Fast-Acting, ¼"x1¼", Glass	#AGC-3
5	Fuse, IA, Fast-Acting ¼"x1¼", Glass	#AGC-1
5	Time Delay "Slo-Blow" Fuse, MDL Style, 10A	#MDL-IO
5	Fuse, 5A, Fast-Acting, ¼"x1¼", Glass	#AGC-5
3	Relay, 11 Pin, Manual Operator and Pilot Light, 120V Coil	#8501KU13M1P14V20

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I. BUSINESS REGISTRATION OF PUBLIC CONTRACTORS – PRIOR TO AWARD

Pursuant to P.L. 2004, c 57 (Chapter 57) NJSA 52:32-44, all prospective bidders (as well as any subcontractors) must provide proof of a State of New Jersey Business Registration Certificate issued by the New Jersey Department of the Treasury Division of Revenue.

New Jersey Business Registration Requirements for Construction Contracts

The contractor shall provide written notice to its subcontractors and suppliers of their responsibility to submit proof of business registration to the contractor. The requirement of proof of business registration extends through all levels (tiers) of the project and is required before the commencement of all work by the contractor and subcontractor.

Before final payment on the contract is made by the contracting agency, the contractor shall submit an accurate list and proof of business registration of each subcontractor or supplier used in the fulfillment of the contract or shall attest that no subcontractors were used.

For the term of the contract, the contractor and each of its affiliates and subcontractor(s) and each of its affiliates pursuant to [N.J.S.A. 52:32-44(g)(3)] shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the Sales and Use Tax Act on all sales of tangible personal property delivered into this State, regardless of whether the tangible personal property is intended for a contract with a contracting agency.

A business organization that fails to provide a copy of a business registration as required pursuant to section I of P.L.2001, c.134 (C.52:32-44 et al.) or subsection c. or f. of section 92 of P.L.1977, c.110 (C.5:12-92), or that provides false business registration information under the requirements of either of those sections, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000 for each business registration copy not properly provided under a contract with a contracting agency."

Site Visit

A site visit is highly suggested at the Trenton Water Works Water Filtration Plant in Trenton, New Jersey. To schedule a visit, contractors shall contact Taya Brown-Humphrey by calling 609-989-3213 at least 5 working days prior to the proposed visit date. Contractors shall use the site visit to familiarize themselves with the conditions under which the work shall be conducted.

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Contract Extension

The contracting unit at its sole discretion and pursuant to the authority granted to it in accordance with N.J.S.A. 40A:11-15 may extend the time of any contract for services, other than professional services, the statutory length of which contract is for three years or less. Such contracts should be limited to no more than one two-year extension or two one-year extensions and shall be subject to the limitations contained in this section. All multi-year contracts entered into pursuant to this section, including any two year or one year extensions, with the exception of those contracts identified in subsections (1), (9), (12), (16), (17), (18), (19), (24), (30), (31), (34), (35), (36) and (37) of N.J.S.A. 40A:1 1-15, shall be subject to the availability and annual appropriation of sufficient funds as may be required to meet the extended obligation and are subject to annual cancellation if said funds become unavailable.

Contractor Qualifications

The contractor shall document with their bid their ability to repair mechanical, electrical, and control systems related to the operation of the Lime slaking and feed system. The contractor shall also document 5 or more years of experience with the installation and/or service of the RDP Technologies Tekkem Lime Slaking System with their bid.

Emergency Call/Breakdown

The contractor shall provide a telephone number for 24 hours a day, seven days a week contact.

The contractor shall provide Emergency Call/Break down service. The contractor shall provide a Service Technician within 12 hours of the reported Lime Slaking System breakdown preventing Plant operation or production. If periodic service is due and can be completed in conjunction with an Emergency Call, there shall be no additional charge. Otherwise, Emergency Call services shall be billed at the rate entered on the proposal page.

Fixed Parts Allowance

Parts that fail that are not in inventory shall be obtained by the contractor and billed against a \$15,000 fixed parts allowance. These parts shall only be ordered if the contractor is authorized by the Water Treatment Plant Superintendent or the Assistant Water Treatment Plant Superintendent. Trenton Water Works shall only pay for parts approved for purchase and billed at the market rate. The contractor shall only be reimbursed for the amount of items actually supplied and therefore Trenton Water Works reserves the right to decrease the total amount listed in the contract.

Contract Term

From the date of the award through one (1) year, with the option to extend one (1) additional year at the discretion of the contracting unit .