

# RESOLUTION

25-295

No.

Date of Adoption AUG 07 2025

Approved as to Form and Legality

Factual content certified by

WESLEY BRIDGES, ESQ., DIRECTOR OF LAW

SEAN SEMPLE, DIRECTOR OF WATER & SEWER

Councilman /woman \_\_\_\_\_ presents the following Resolution:

SPONSORED BY: \_\_\_\_\_

**RESOLUTION EXERCISING THE OPTION TO EXTEND THE CONTRACT TO LOCKWOODS ELECTRIC MOTOR SERVICE, INC. FOR QUARTERLY INSPECTION AND MAINTENANCE SERVICES OF ELECTRIC MOTORS FOR THE DEPARTMENT OF WATER AND SEWER, WATER FILTRATION PLANT FOR AN ADDITIONAL ONE (1) YEAR FROM JUNE 7, 2025, TO JUNE 6, 2026 IN AN AMOUNT NOT TO EXCEED \$114,500.00 - BID2024-04**

**WHEREAS**, on June 6, 2024, Resolution No. 24-233 awarded a contract to Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 for Quarterly Inspection and Maintenance Services of Electric Motors in an amount not to exceed \$114,500.00 for a period of one (1) year with an option to extend the contract for an additional one (1) year in an amount not to exceed \$114,500.00 for the City of Trenton, Department of Water and Sewer, Water Filtration Plant; and

**WHEREAS**, pursuant to N.J.S.A. 40A:11-15 provides that service contracts may be extended for no more than (1) one two-year or (2) two one-year extensions; and

**WHEREAS**, The City of Trenton, Department of Water and Sewer, Water Filtration Plant, has determined that Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 has provided Quarterly Inspection and Maintenance Services of Electric Motors for the City of Trenton in a satisfactory manner, and it is in the best interest of the city to exercise the option to extend the contract for an additional one (1) year from June 7, 2025, to June 6, 2026; and

**WHEREAS**, funds in an amount not to exceed \$114,500.00 have been certified to be available in the following account number: 05-05- -55-5506-813-002. The City of Trenton shall exercise the option to extend this contract from June 7, 2025, to June 6, 2026.

**NOW, THEREFORE, IT IS RESOLVED**, by the City Council of the City of Trenton that the Mayor is hereby authorized to exercise the option to extend the contract for an additional one (1) year from June 7, 2025, to June 6, 2026, awarded to Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 for Quarterly Inspection and Maintenance Services of Electric Motors for the City of Trenton, Department of Water and Sewer, Water Filtration Plant for the said purpose in the manner prescribed by law.

MOTION: <i>Frisby</i>					SECOND: <i>Figueroa Kettenburg</i>									
	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
EDWARDS	✓				FRISBY	✓				GONZALEZ	✓			
FELICIANO	✓				HARRISON				✓					
FIGUEROA KETTENBURG	✓				WILLIAMS	✓								

This Resolution was adopted at a Meeting of the City Council of the City of Trenton on AUG 07 2025

Yazmany Gonzalez  
President of Council

[Signature]  
City Clerk

PURCHASING



**RESOLUTION # 25-295**  
**EXERCISING THE OPTION TO EXTEND THE CONTRACT FOR AN ADDITIONAL ONE (1) YEAR**  
**WITH LOCKWOODS ELECTRIC MOTOR SERVICE, INC FOR QUARTERLY INSPECTION AND MAINTENANCE SERVICES OF**  
**ELECTRIC MOTORS FOR THE DEPARTMENT OF WATER AND SEWER, WATER FILTRATION PLANT FROM JUNE 7, 2025, TO JUNE**  
**6, 2026 BID2024-04**

**THE AGREEMENT** made this **8<sup>th</sup> day of AUGUST 2025**, by and between the **CITY OF TRENTON**, a municipal corporation, of the State of New Jersey, with principal offices located at **319 EAST STATE STREET, TRENTON, NEW JERSEY 08608** (hereinafter the "City") and **LOCKWOODS ELECTRIC MOTOR SERVICE, INC., 2239 NOTTINGHAM WAY, TRENTON, NEW JERSEY 08619** (hereinafter "CONTRACTOR")

**WHEREAS**, on June 6, 2024, Resolution No. 24-233 awarded a contract to Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 for Quarterly Inspection and Maintenance Services of Electric Motors in an amount not to exceed \$114,500.00 for a period of one (1) year with an option to extend the contract for an additional one (1) year in an amount not to exceed \$114,500.00 for the City of Trenton, Department of Water and Sewer, Water Filtration Plant; and

**WHEREAS**, pursuant to N.J.S.A. 40A:11-15 provides that service contracts may be extended for no more than (1) one two-year or (2) two one-year extensions; and

**WHEREAS**, The City of Trenton, Department of Water and Sewer, Water Filtration Plant, has determined that Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 has provided Quarterly Inspection and Maintenance Services of Electric Motors in a satisfactory manner and it is in the best interest of the city to exercise the option to extend the contract for an additional one (1) year from June 7, 2025, to June 6, 2026; and

**WHEREAS**, funds in the amount not to exceed \$114,500.00 to exercise the option to extend the contract for an additional one (1) year. The City of Trenton shall award this contract from June 7, 2025, to June 6, 2026.

**NOW, THEREFORE, IT IS RESOLVED**, by the City Council of the City of Trenton that the Mayor hereby authorized to exercise the option to extend the contract for an additional one (1) year from June 7, 2025, to June 6, 2026 with Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 in amount not to exceed \$114,500.00 for the City of Trenton, Department of Water and Sewer, Water Filtration Plant for the said purposes in the manner prescribed by law.

**IN WITNESS WHEREOF**, the parties have hereunto set their bands and seals the day and year first above written.

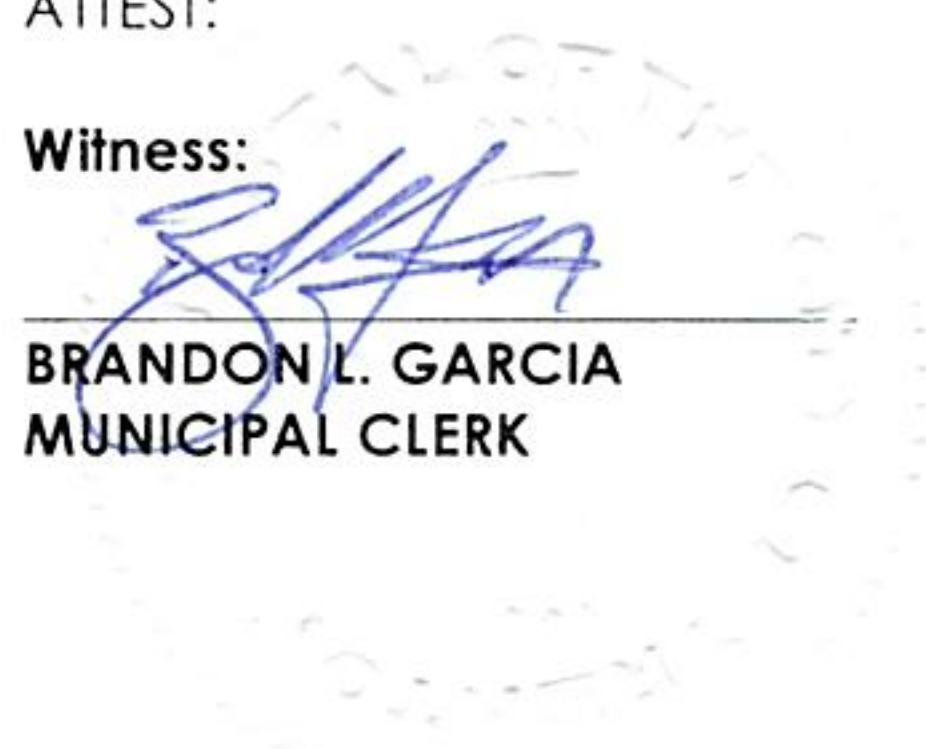
ATTEST:

CITY OF TRENTON

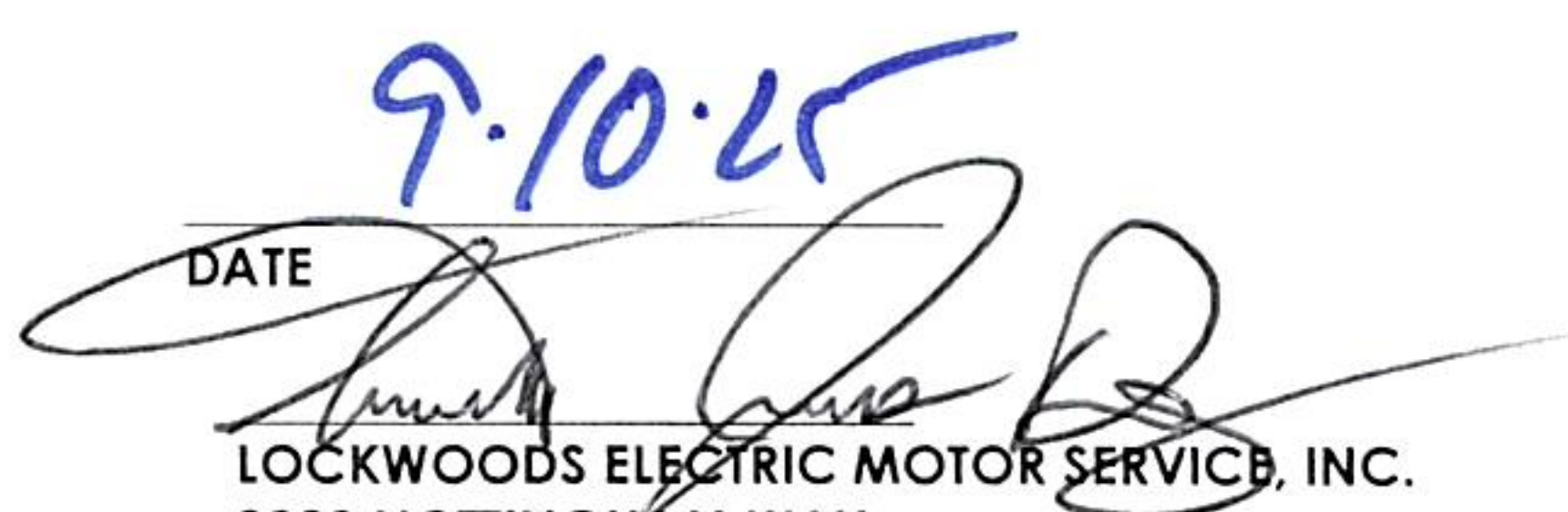
Witness:

  
BRANDON L. GARCIA  
MUNICIPAL CLERK

  
W. REED GUSCIORA, MAYOR

  
SEP 04 2025  
DATE

DATE

9.10.25  
  
LOCKWOODS ELECTRIC MOTOR SERVICE, INC.  
2239 NOTTINGHAM WAY  
TRENTON, NEW JERSEY 08619



**PROPOSAL FOR PROVIDING ONE ANNUAL AND  
FOUR QUARTERLY INSPECTIONS PLUS EMERGENCY  
SERVICE OF PRIMARY ELECTRIC MOTORS FOR  
THE CITY OF TRENTON WATER WORKS  
CY 2025**

I (We) hereby certify that I (we) have read the Contract together with the specifications attach hereto, and have also examined the site of work, and fully understand the meaning of them, and if awarded the Contract, hereby agree, that I (we) will comply with all the terms, covenants and agreements set forth therein.

I (We) agree to receive as full compensation for furnishing the service called for under these specifications, completed 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:

**Part I**

Equipment	Quarterly Fee	Times 2 Quarters	Annual Fee	Sub Total
Filt. Plant Highlift #1	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Highlift #2	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Highlift #3	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Highlift #4	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Lowlift #1	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Lowlift #2	\$200.00	\$800.00	\$360.00	\$1160.00
Filt. Plant Lowlift #3	\$200.00	\$800.00	\$360.00	\$1160.00
Central Pumping #1	\$200.00	\$800.00	\$360.00	\$1160.00
Central Pumping #2	\$200.00	\$800.00	\$360.00	\$1160.00
Central Pumping #3	\$200.00	\$800.00	\$360.00	\$1160.00
Central Pumping #4	\$200.00	\$800.00	\$360.00	\$1160.00
Ewing Booster #1	\$200.00	\$800.00	\$360.00	\$1160.00
Ewing Booster #2	\$200.00	\$800.00	\$360.00	\$1160.00
Ewing Booster #3	\$200.00	\$800.00	\$360.00	\$1160.00
Ewing Booster #4	\$200.00	\$800.00	\$360.00	\$1160.00
Klockner Booster #1	\$200.00	\$800.00	\$360.00	\$1160.00
Klockner Booster #2	\$200.00	\$800.00	\$360.00	\$1160.00
Klockner Booster #3	\$200.00	\$800.00	\$360.00	\$1160.00
TSMEB Mixer 1	\$200.00	\$800.00	\$360.00	\$1160.00
TSMEB Mixer 2			\$995.00	\$995.00
SMEB Mixer 1			\$995.00	\$995.00
SMEB Mixer 2			\$995.00	\$995.00
Mix Basin Mixer 1A			\$1165.00	\$1165.00
Mix Basin Mixer 1 B			\$1165.00	\$1165.00
Mix Basin Mixer 2 A			\$1165.00	\$1165.00
Mix Basin Mixer 2 B			\$1165.00	\$1165.00
<b>Grand Total for Part I</b>			\$1165.00	\$1165.00
				\$29,520.00

**Part II**

*Emergency Work	Fee per Hour	Times number of Hours	Total
24 hour allowance for Mon. - Fri. 7:30 am to 3:30 PM	\$120.00	30	\$3,600.00
16 hour allowance for Mon. - Fri. 3:30 PM to 7:30 am & all day Sat., Sun.	\$180.00	16	\$2,880.00
Fixed allowance for parts and materials			\$6,500.00
<b>GRAND TOTAL FOR PART II</b>			
			\$12,980.00

\* Emergency work as described in section 2 of the specifications



*Motor Rebuild Work	Qty	Total
Fixed allowance for labor, parts and materials & motor transport	2	\$ 36,000.00
GRAND TOTAL FOR PART III		
GRAND TOTAL FOR PARTS I, II & III		\$72,000.00
		\$114,500.00

**Respectfully Submitted:**

Company:

Signature of Representative:

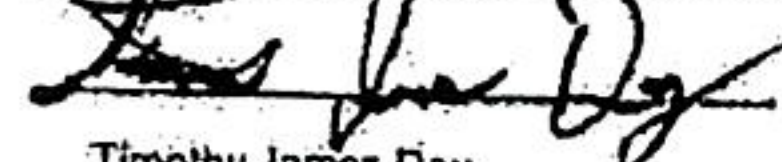
Print Name Listed Above:

Check list:

☒ Site visit

☒ Experiences & References (documentation)

Lockwoods Electric Motor Service, Inc.

  
Timothy James Day

Contact Name:

Telephone Number:

Timothy Day

609-587-2333



# AGREEMENT

CITY OF TRENTON, NEW JERSEY

BID2024-04

RES. NO. 24-233

**AWARDED TO LOCKWOODS ELECTRIC MOTOR SERVICE, INC.**

This Agreement, entered into this 7<sup>th</sup> Day of June, 2024 between the City of Trenton, a municipal corporation of the State of New Jersey, ('CITY') 319 EAST STATE STREET, TRENTON, NEW JERSEY 08608 and LOCKWOODS ELECTRIC MOTOR SERVICE, INC., 2239 NOTTINGHAM WAY, TRENTON, NEW JERSEY 08619 (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 \$114,500.00 FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD WITH AN OPTION TO EXTEND THE CONTRACT FOR AN ADDITIONAL ONE (1) YEAR IN AN AMOUNT NOT TO EXCEED \$114,500.00.**

**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 LOCKWOODS ELECTRIC MOTOR SERVICE, INC. FOR QUARTERLY INSPECTION AND MAINTENANCE SERVICES OF ELECTRIC MOTORS FOR TRENTON WATER WORKS, WATER FILTRATION PLANT FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$114,500.00 - BID 2024-04**

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

## **UPDATED CERTIFICATE OF INSURANCE WITH SIGNED CONTRACTS**

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

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

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

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



Provided, however, that the surety on the bond of Contractor for the faithful performance of this agreement shall be first notified of the necessity for such replacement and given the same time allowance for such replacement as is given Contractor.

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

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

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

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

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

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

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

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

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

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

e. All bidders and all contractors who are negotiating for a procurement or service contract with the public agency which is not subject to a federally approved or sanctioned affirmative action program



are required to submit to the public agency, prior to or at the time the contract is submitted for signing by the public agency (in accordance with N.J.A.C. 17:27-4.3 promulgated by the Treasurer pursuant to P.L. 1975, c. 127), one of the following three documents:

1. Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program; or
2. A certificate of employee information report approval issued in accordance N.J.A.C. 17:27-4; or
3. An initial employee information report consisting of forms provided by the affirmative action office and completed by the contractor in accordance with N.J.A.C. 17:27-4. (N.J.A.C. 17:27-3.3) (a)

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

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

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

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

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

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

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

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



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

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

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

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

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

**CITY OF TRENTON**

Attest:

  
Brandon L. Garcia, RMC  
Municipal Clerk

Date

8/1/24



W. Reed Gusclora, Esq. Mayor

Date

7-30-24

and

**LOCKWOODS ELECTRIC MOTOR SERVICE, INC., 2239 NOTTINGHAM WAY, TRENTON, NEW JERSEY 08619**

CONTRACTOR SIGNATURE

DATE

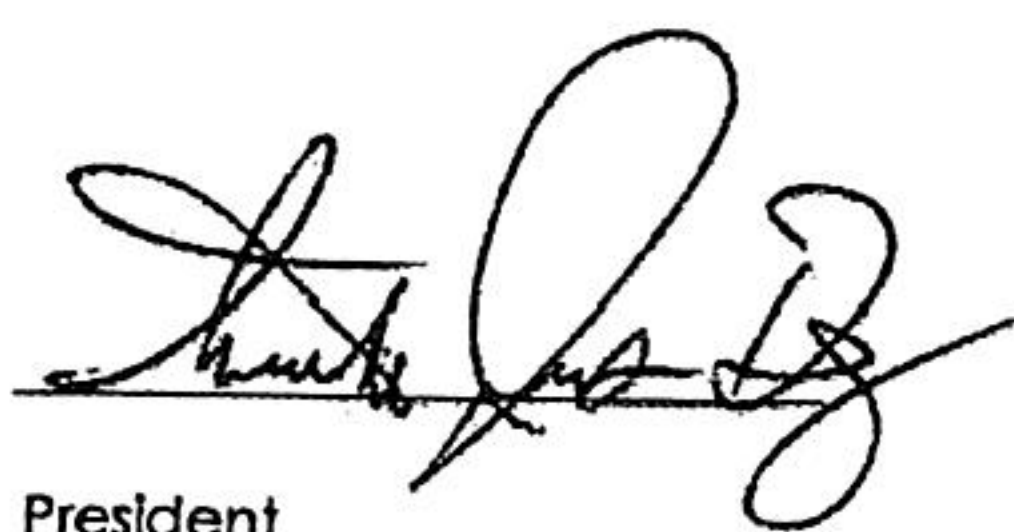
Attest:

Secretary

President

Date





7-15-24

07/15/24



# RESOLUTION

No. **24-233**

Date of Adoption **JUN 06 2024**

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:

**RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO LOCKWOODS ELECTRIC MOTOR SERVICE, INC. FOR QUARTERLY INSPECTION AND MAINTENANCE SERVICES OF ELECTRIC MOTORS, FOR TRENTON WATER WORKS, WATER FILTRATION PLANT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$114,500.00 – BID2024-04**

**WHEREAS**, one (1) sealed bid was received in the Division of Purchasing on February 21, 2024, at 11:00am, by the Purchasing Agent for Quarterly Inspection and Maintenance Services of Electric Motors for the City of Trenton, Department of Water & Sewer, Trenton Water Works, Water Filtration Plant, Central Pumping Station, Ewing Pump Station, and Klockner Booster Station for a period of one (1) year from the date of award with an option to extend the contract for one (1) additional year; and

**WHEREAS**, the sole bidder, Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 is made pursuant to 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 \$114,500.00 have been certified to be available in the following account number: 4-05- -55-5506-813-002 contingent upon the temporary/final adoption of CY'2024 budget. This contract shall be awarded for a period of one (1) year from the date of award; with an option to extend the contract for an additional one (1) year in an amount not to exceed \$114,500.00 contingent upon the temporary/final adoption of CY'2025 budget.

**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 Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 for Quarterly Inspection and Maintenance Services of Electric Motors in an amount not to exceed \$114,500.00; for the City of Trenton, Department of Water and Sewer, Trenton Water Works, Water Filtration Plant for the said purposes in the manner prescribed by law.

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

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

**JUN 06 2024**

President of Council

City Clerk



*Lockwood's* **ELECTRIC MOTOR SERVICE, INC.**

2239 NOTTINGHAM WAY • TRENTON, NEW JERSEY 08619

May 15, 2025

RE: 2025 Extension - Trenton Water Works BID# 2024-4

Ms. Taya Brown- Humphry

Lockwoods Electric Motor Service, Inc., would like to respectfully indicate our intent to extend our contract for Bid# 2024-4 with Trenton Water Works through the year 2025.

All pricing provided by Lockwoods Electric Motor Service, submitted in the original bid package, marked Electric Motor Service Testing at Multiple Locations – BID2024-4, will be honored by Lockwoods Electric Motor Service Inc., as written in document CY 2025.

Part I and Part II total being **\$42,500.00** and Part III being listed at **\$72,000.00**

Total for 2025 Extended Contract **\$114,500.00**

Lockwoods Electric Motor has served as a Vendor for the necessary maintenance and services in the past and will continue to provide quality services for listed equipment. Lockwoods Electric Motor Service would be honored to maintain our dedication and services to The City of Trenton – Department of Water and Sewer Trenton Water Facility.

Please contact us at 609-587-2333 if you have any questions or comments.

Sincerely



Timothy James Dey

President

Lockwood Electric Motor Service, Inc.





# RESOLUTION

No.

**24-233**

Date of Adoption

**JUN 06 2024**

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:

**RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO LOCKWOODS ELECTRIC MOTOR SERVICE, INC. FOR QUARTERLY INSPECTION AND MAINTENANCE SERVICES OF ELECTRIC MOTORS, FOR TRENTON WATER WORKS, WATER FILTRATION PLANT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF AWARD IN AN AMOUNT NOT TO EXCEED \$114,500.00 – BID2024-04**

**WHEREAS**, one (1) sealed bid was received in the Division of Purchasing on February 21, 2024, at 11:00am, by the Purchasing Agent for Quarterly Inspection and Maintenance Services of Electric Motors for the City of Trenton, Department of Water & Sewer, Trenton Water Works, Water Filtration Plant, Central Pumping Station, Ewing Pump Station, and Klockner Booster Station for a period of one (1) year from the date of award with an option to extend the contract for one (1) additional year; and

**WHEREAS**, the sole bidder, Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 is made pursuant to 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 \$114,500.00 have been certified to be available in the following account number: 4-05- -55-5506-813-002 contingent upon the temporary/final adoption of CY'2024 budget. This contract shall be awarded for a period of one (1) year from the date of award; with an option to extend the contract for an additional one (1) year in an amount not to exceed \$114,500.00 contingent upon the temporary/final adoption of CY'2025 budget.

**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 Lockwoods Electric Motor Service, Inc., 2239 Nottingham Way, Trenton, New Jersey 08619 for Quarterly Inspection and Maintenance Services of Electric Motors in an amount not to exceed \$114,500.00; for the City of Trenton, Department of Water and Sewer, Trenton Water Works, Water Filtration Plant for the said purposes in the manner prescribed by law.

MOTION: <i>Gonzalez</i>					SECOND: <i>Edwards</i>									
	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
EDWARDS	✓				GONZALEZ	✓				FELICIANO	✓			
FIGUEROA				✓	HARRISON	✓								
KETTENBURG														
FRISBY	✓				WILLIAMS				✓					

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

**JUN 06 2024**

President of Council

City Clerk



**TRENTON WATER WORKS  
ELECTRIC MOTOR SERVICE  
CY 2024**

**Location of Work**

1. Trenton Filtration Plant & Mechanical Dewatering Facility, NJ Highway Route 29, Trenton, NJ
2. Central Pumping Station, Pennington Avenue & Mellon Street, Trenton, NJ
3. Booster No #3 Pump Station, Sylvia Street, Ewing Township, NJ
4. Klockner Booster Station, Denow Road, Hopewell Township, NJ

**Site Visit**

The contractors shall completely satisfy themselves of the materials, labor, extent, and actual conditions under which the work is to be performed. It is therefore strongly recommended that all bidders shall visit and document the site visit. The bidders can document their site visit by signing a sign in log located at the Trenton Water Works Water Filtration Plant. Call at least five (5) work days in advance to schedule an appointment to visit and inspect the sites by contacting:

Taya Brown-Humphrey  
(609) 989-3640

**Experience and References**

The contractor shall provide with their bid a list of at least five (5) references for which the type of work has been performed as listed in the specification. These references shall be for the approximate size of devices as listed in the specification. The references shall include the company name or municipality, contract name, phone number, size of the devices, and manufacturer of the devices.

The contractor shall document with their bid five- (5) years experience in the testing and maintaining of electric motors similar in size as devices listed in this specification.

Bidders who cannot fully satisfy these requirements and who do not submit the requested experience data with their bid shall be rejected.

**Contract Terms**

The contract period shall be from award date through one year.

**Extension of Contract**

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 any contract for services other than professional services, the statutory length of which contract is for three years or less. Such contracts shall 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:11-15, shall be subject to the availability and annual appropriation of sufficient funds as many be required to meet the extended obligation and are subject to annual cancellation if said funds become unavailable.

## **General Clauses**

### **Equipment Covered by Contract:**

#### **Filtration Plant**

- #1 – High Lift Motor – Reliance, 888 rpm – 700 HP
- #2 – High Lift Motor – Reliance, 888 rpm – 700 HP
- #3 – High Lift Motor – Reliance, 888 rpm – 700 HP
- #4 – High Lift Motor – Reliance, 888 rpm – 700 HP

- #1 – Low Lift Motor – Reliance, 507 rpm – 400 HP
- #2 – Low Lift Motor – Reliance, 507 rpm – 400 HP
- #3 – Low Lift Motor – Reliance, 507 rpm – 400 HP

#### **Central Pumping Station**

- #1 – General Electric, 250 HP – 1200 rpm
- #2 – General Electric, 350 HP – 900 rpm
- #3 – Baldor Reliance, 600 HP – 900 rpm
- #4 – General Electric, 600 HP – 720 rpm

#### **Booster No. 3**

- #1 – Reliance Motor, 3 pH, 60 cycles, 50 HP – 1770 rpm
- #2 – Reliance Motor, 3 pH, 60 cycles, 50 HP – 1770 rpm
- #3 – Westinghouse Life-Line T AC Motor, 3 pH, 75 HP – 1775 rpm
- #4 – Reliance, 3 pH, 60 cycles, 75 HP – 1765 rpm

#### **Klockner Booster Station**

- #1 – U.S. Motor, 3 pH, 60 cycles, 40 HP – 1785 rpm
- #2 – U.S. Motor, 3 pH, 60 cycles, 40 HP – 1785 rpm
- #3 – U.S. Motor, 3 pH, 60 cycles, 40 HP – 1785 rpm

#### **Scope of the work**

The scope of the work covered under this contract will be divided into two (2) sections:  
Section I Routine Scheduled Inspection and Maintenance and Section II Emergency Work.

#### **Section I – Routine Scheduled Inspection & Maintenance**

##### **A. Annual Service Inspection and Routine Maintenance of the following:**



1. A megger test shall be performed on all motors. Written test results shall be provided.
2. The motor rotor and stator shall be thoroughly cleaned.
3. The annual service shall be completed by the month of June for the Filtration Plant, the Central Pumping Station, Klockner Booster and Booster No. 3. Only one motor may be down at one time per facility.

Note: Only the below motor bearings may be inspected. The other motors listed in the contract shall have additional vibrational testing as listed in Section I-B(2):

#1 – General Electric, 250 HP – 1200 rpm

#2 – General Electric, 350 HP – 900 rpm

#3 – General Electric, 600 HP – 720 rpm

4. Additionally, change the oil for four mixers at the MDF and four at the filtration plant per the manufacturer's O&M. Dispose of the waste oil. Document in the report and by tagging equipment.

B. Quarterly services shall be completed in the months of July, October, January and April.

1. Check bearing temperature with probe and record.
2. Check motor vibration to ascertain if within industry and/or manufacturers standards. Using method and equipment annotated under Predictive Maintenance Vibration Monitoring and record. Motors that have bearings that can not be inspected shall have additional readings would help in the predictions of premature bearing failures. The readings to include (BPFO) Ball frequency for the outer race, (BPFI) Ball pass frequency for the inner race, (BSF) Ball spin frequency and (FTF) Cage or retainer rotating speed. The different frequencies shall be matched to the ball bearing size used in each of the motors.
3. Check motor level and alignment, re-align and level if it is not within acceptable limits.
4. Check motor leads for looseness and wear, tighten when they are not within acceptable tolerance.
5. Perform all other recommended quarterly maintenance recommended by manufacturer.

\*NOTE: The contractor shall keep and maintain an adequate inventory of parts needed for the execution of the contract.

\*NOTE: Motors shall not be turned on between the hours of 7:30 a.m. to 10:30 p.m. Monday through Saturday. When it is necessary for a motor to be running between the hours of 7:30 a.m. and 10:30 p.m., it shall be scheduled with the Water Treatment Plant Superintendent (or his/her appointed representative), or testing shall be performed after hours. Non-emergency work, of this type, shall be considered part of the lump sum bid. Emergency work requiring equipment to be turned on, shall be scheduled and charged at the listed rates.

#### C. Maintenance Record Keeping



The service contractor shall complete the quarterly inspections as specified in the maintenance contract. Failure to complete the inspections and submit records in the period specified by the schedule may result in nonpayment or partial payment for the quarterly period. For scheduled maintenance the contractor shall provide for each quarterly inspection report, a 8 ½" by 11" typewritten bound report containing a separate typewritten sheet for each piece of equipment inspected and calibrated. At the minimum, each separate equipment quarterly inspection information sheet shall contain the following:

1. The name, manufacturer, location of the device
2. The model number and serial number of the device
3. The date the device was inspected
4. The manufacturer's specifications and/or calibration parameters of the device
5. The deviations found from the manufacturer's specifications or calibration parameters
6. The corrective action taken or the recommendations for corrective action
7. The end of the report shall contain a summary sheet of outstanding devices to be repaired and referenced to the applicable inspection sheet page.

This report shall be submitted to the Trenton Water Works for their records and review prior to the end of each quarterly period. For unscheduled maintenance, the service contractor shall complete the Trenton Water Works, Work Order Form. Failure of the contractor to provide the above documentation may result in the termination of contract, exclusion from future bidding, and/or partial payment.

## Section II – Emergency Service

The contractor agrees to be available to respond to an emergency call 24 hours a day, 7 days a week if the need should arise.

The contractor further agrees that the Superintendent or his/her representative shall have the authority to determine how many of the contractor's personnel may be assigned to any single job. Emergency telephone number(s) shall be provided for evenings, weekends and holidays.

NOTE: The General Superintendent of the Water Utility or his/her representative have the right to convert any balance of money allocated for parts and materials into labor at the agreed hourly rate, but not to exceed the total cost of the contract.

## Section III – Emergency Motor Rebuild Work

If there is a motor(s) that needs to be rebuilt, the contractor agrees to perform the following work:

- Lock out and tag motor controls.
- Disconnect electrically and remove electric boxes for removal.
- Remove motor.
- Remove coupling from drive end shaft.
- Disassemble and inspect induction motor.
- Clean and inspect all parts.
- Electrically test stator windings.
- Check, Test and inspect winding RTD's.
- Check, test and inspect resistance probes.



Check rotor for open or cracked bars.  
Wash stator windings, bake and test.  
Wash rotor and shaft, bake and inspect.  
Wash frame, bearings housings and screens.  
Reinsulate windings and back.  
Check shaft, straightness/concentricity.  
Check all fits, journals and seal area's dynamic balance rotor assembly.  
Furnish/Install (2) Insulated Bearings.  
Furnish/Install Pro-Aegis Grounding Ring.  
Reassemble and test run motor.  
Paint & mount coupling  
Transport motor to site and install.

The lump sum fee for emergency electric motor work shall include the labor, parts and materials and transportation for 2 motors. This work shall only be authorized by the Plant Superintendent.

### **Predictive Maintenance Vibration Monitoring**

Vibration analyses shall be performed quarterly in accordance with the following specifications. These services shall be under the direction of licensed Electrical Technician. The instrumentation used for vibration testing must store graphic spectrum displays in a permanent database. Hard copy printouts of all Fast Fourier Transform (FFT) spectra shall be provided with repair report. FFT spectra must display up to at least ten times running speed, and each reading shall consist of six averages. A preprogrammed single route for all machines in this program shall be used. High frequency discharged (HFD) reading shall be taken at each bearing and the bearing condition assessed. If requested, zooms of frequency ranges within 10% of operating speed and harmonics must be recorded and printed.

The analyzer used to record data shall have an FFT display. Memory shall be at least one megabyte, resolution to 6400 lines, 140 dB signal gain, and measurement range to 20 kHz. Analyzer shall have dual screen capability to display any combination of magnitude, phase, and time domain. Frequency indication accuracy shall be within .01% and amplitude 1%. Point by point data is then to be trended and stability level forecasted by linear regression analysis.

Readings shall be taken in the horizontal, vertical and axial planes at each bearing location.

Vibration spectral printout shall identify bearing location, reading direction, velocity in each/second, and identification of at least the eight highest peaks in the spectrum. Alarm levels shall initially be set at .20 in/sec as a warning level, a reading of .35 in/sec must be both verbally and in writing given to the Superintendent and/or Assistant Superintendent within one day of detection along with a corrective action plan.

A written engineering report shall be furnished within three days of completion of predictive maintenance services. Hard copy spectral printouts of all points on a machine in alarm shall be part of the report. Forecast trends shall be printed for all points projected by linear regression analysis to be in alarm prior to the next quarterly service. The engineer in responsible charge shall furnish corrective maintenance recommendations, including time period for action.



**Access to Facilities**

In the event the contractor required having access to secured areas, the Filtration Plant Superintendent shall issue the contractor a complete set of keys. The contractor shall sign for and be held responsible for the keys issued to him.

In the event that any key is lost/or damaged the contractor shall replace every lock with all locks keyed alike (every lock is to mean the entire security area).

Acceptable locks and keys shall be ABUS or better quality. No monies shall be paid to the contractor until all conditions stated above are met.

**Billing**

Trenton Water Works shall be billed for satisfactorily completed quarterly work for a total of four invoices. The Utility shall also be billed when the annual work has been satisfactorily completed. Emergency work shall be billed per incident.

**Parts and Materials**

Trenton Water Works shall make an allowance for \$6,500. This item is fixed at that amount. Trenton Water Works reserves the right to convert all or part of these monies into inspections and maintenance or emergency work.

**Payment**

Properly executed Trenton Water Works vouchers shall be submitted by the contractor based upon the actual work performed. The vouchers shall be processed by Trenton Water Works upon satisfactory completion of work.