

CONTRACT

This contract entered into this ____ day of _____, 2021 effective through October 1, 2021 by and between the City of Scranton, 340 North Washington Avenue, Scranton, PA 18503, hereinafter called "Scranton" and

GREEN TECH ENERGY SERVICES, INC.
122 E. KINGS HIGHWAY
SUITE 503
MAPLE SHADE, NEW JERSEY 08052

hereinafter called "Contractor".

WITNESSETH:

WHEREAS, Scranton desires the Contractor to perform certain work and services in accordance with the terms and conditions hereinafter set forth and the Contractor is ready, willing and able to perform such work and services.

NOW THEREFORE, in consideration of the promises contained herein and the promises each to the other made, the parties do agree and intend to be legally bound as follows:

ARTICLE I - CATEGORY OF WORK AND SERVICES

The work and services to be performed by Contractor shall be in the field of installing retrofit lighting for the City of Scranton "LED Lighting Retrofit" Project. The Contractor hereby covenants, contracts and agrees to furnish Scranton with the work and services outlined in the following:

CITY OF SCRANTON LED LIGHTING RETROFIT PER THE ATTACHED BID PROPOSAL AND SCRANTON'S SPECIFICATIONS

Said services to be furnished and delivered in strict and entire conformity with Scranton's Specifications marked as Exhibit "A" and the Scranton LED Project Inventory marked as Exhibit "B" which are both incorporated herein by reference thereto and the Bid Proposal submitted by GreenTech Energy Services, Inc. dated May 5, 2021 attached hereto marked as Exhibit "C" and incorporated herein by reference thereto. Said Bid Proposal and Specifications are hereby made part of this Agreement as fully and with the same effect as if set forth at length herein.

ARTICLE II - GENERAL

(1) In the performance of the work and services hereunder, the Contractor shall act solely as an independent contractor, and nothing contained or implied shall at any time be so construed as to create the relationship of employer and employee, partnership, principal/agent, or joint adventurer as between Scranton and the Contractor.

(2) Failure of either party to enforce any of its rights hereunder shall not constitute a waiver of such rights, or of any other rights hereunder.

ARTICLE III - FEES

Said services to be furnished and delivered in strict and entire conformity with the Bid Proposal and Specifications attached hereto. Said Bid Proposal and Specifications are

incorporated herein by reference as though set forth at length.

Scranton agrees to pay the Contractor for furnishing the above services if said services are provided in full compliance with the terms and conditions of this Contract to the satisfaction and approval of the Business Administrator. Such approval shall not be unreasonably withheld. The terms and conditions of this contract are set forth herein and may be supplemented by any attachments or exhibits incorporated herein by reference.

ARTICLE IV - INDEMNIFICATION

The Contractor shall indemnify, defend, and hold harmless Scranton from and against any and all claims and actions, based upon or arising out of damage to property or injuries to person or other acts caused or contributed to by Contractor or anyone acting under the Contractor's direction or control or on the Contractor's behalf in the course of the Contractor's performance under this contract.

ARTICLE V - INSURANCE

- (1) Contractor represents that it now carries, and agrees it will continue during the term of this Contract to carry, at a minimum: Workers' Compensation, Comprehensive General and Contractual Liability, and Professional Liability Insurance in the following amounts:

<u>TYPE OF INSURANCE</u>	<u>LIMITS OF LIABILITY</u>
Workers' Compensation	Statutory
Employer's Liability	\$ 500,000.00
Professional Liability	\$1,000,000.00 each occurrence \$1,000,000.00 aggregate
Comprehensive General Liability (including Blanket Contractual Liability Insurance)	
Bodily Injury	\$ 1,000,000 each person \$ 1,000,000 each occurrence \$ 1,000,000 aggregate
Property Damage	\$ 500,000 each occurrence
Personal Injury	\$ 500,000
Comprehensive Automobile Liability:	
Bodily Injury	\$ 300,000 each person \$ 500,000 each occurrence
Property Damage	\$ 500,000 each occurrence

- (2) Certificates of all insurance provided by the Contractor shall be available for Scranton's review and will be furnished to Scranton if requested. Such copies of certificates shall include the following:
- (a) Name of insurance company, policy number, and expiration data;
 - (b) The coverage required and the limits on each, including the amount of deductibles or self-insured retentions (which shall be for the account of the Contractor);
 - (c) A statement indicating Scranton shall receive thirty (30) days notice of cancellation or significant modification of any of the policies which may affect Scranton's interest;
 - (d) A statement confirming Scranton has been named an additional insured (except for Worker's Compensation) on all policies; and
 - (e) A statement confirming that Scranton, its agents and employees have been provided a waiver of any rights or subrogation, which the Contractor may have against them.

ARTICLE VI: TERMINATION OF CONTRACT

If through any cause the CONTRACTOR shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or in the event of violation of any of the covenants contained herein, or in the event of violation of the laws applicable to implementation of the project contemplated by this Agreement, or in the event of misuse of funds, mismanagement, criminal activity or malfeasance in the implementation of this Agreement, Scranton shall thereupon have the right to terminate this Agreement by giving written notice to the CONTRACTOR specifying the effective date of termination. Said notice shall be given in writing to the CONTRACTOR and will be effective upon receipt by the CONTRACTOR. In such an event, all project records, unused grant monies, and such amounts as may have been expended contrary to the terms of this Agreement shall be returned to the Scranton.

ARTICLE VII: DEFAULT

In the event of a default by Contractor under this Agreement, the defaulting party then shall reimburse the non-defaulting party for all costs and expenses incurred by the non-defaulting party in connection with the default, including without limitation, court costs and attorney's fees at the trial level and on appeal.

ARTICLE VIII: JURISDICTION

This Agreement shall be construed and interpreted in accordance with the laws of the Commonwealth of Pennsylvania and all obligations hereunder are to be performed in Lackawanna County, Pennsylvania. Jurisdiction over the subject matter and performance of this Agreement is therefore vested in the Lackawanna County Court of Common Pleas.

ARTICLE IX - ENTIRE AGREEMENT

This contract constitutes the entire agreement between Scranton and Contractor. It supersedes all prior contemporaneous communications, representations, or agreements, whether oral or written, with respect to the subject matter thereof and if it has been induced by no representations, statements, or agreements other than those expressed. No agreement hereafter made between the parties shall be binding on either party unless reduced to writing and signed by an authorized officer of the party sought to be bound thereby.

IT IS FURTHER UNDERSTOOD AND AGREED that this contract is entered into under and subject to the provisions of the Act of Assembly of the Commonwealth of Pennsylvania, approved March 7, 1901, its supplements and amendments, and the liability of the City of Scranton herein limited to the amount appropriated for the same and subject to the Section 6-13 of the Administrative Code of the City of Scranton which limits payments of money out of the City Treasury to appropriations made by the Council.

IN WITNESS WHEREOF the parties hereto have, in due form of law, caused this agreement to be executed the day and year first above written.

ATTEST:

[Signature]
CITY CLERK

BY: [Signature]
MAYOR

DATE: 7/27/2021

DATE: 7/26/2021

COUNTERSIGNED:

[Signature]
CITY CONTROLLER

[Signature]
DEPARTMENT DIRECTOR

DATE: 7/27/2021

DATE: 7/27/21

APPROVED AS TO FORM:

[Signature]
CITY SOLICITOR

DATE: 29 July 21

GREEN TECH ENERGY SERVICES, INC.

[Signature]
BY:

TITLE: VP of Sales

DATE: 8/9/2021



DEPARTMENT OF BUSINESS ADMINISTRATION

CITY HALL • 340 NORTH WASHINGTON AVENUE • SCRANTON, PENNSYLVANIA 18503 • PHONE: 570-348-4118 • FAX: 570-348-4225

Joe O'Brien
City Attorney
City Of Scranton
340 N. Washington Ave
Scranton, Pa 18503
RE: RFQ City of Scranton LED Retrofit

Via email

June 17th 2021

Joe,

Due to qualification discrepancies with the original contract award to Commonwealth Electric, we are awarding the contract to the next most qualified bidder 'GreenTech Energy Services'

Estimated annual savings for this project are \$115,000 ~ \$130,000 per Annum.

Please prepare a contract based on the attached proposal.

The execution of this project will bring immediate benefits to the City.

Sincerely,

Carl Deeley
Business Administrator
City of Scranton

CC. Mayor Cagnetti
Controller John Murray
Purchase Clerk Julie Reed
Legal Sally Locker
Building Maintenance – Paul O'Hora

Bids Received

Contractor	Bid Submitted
Utility Management	\$148,221
Joyce	\$125,487 Dismissed due to prior contract execution issues.
Green Tech	\$128,438
Commonwealth	\$124,499 Disqualified - Disclosure discrepancy
Atlantic Energy	\$169,606

LIGHTING SYSTEM ANALYSIS						
SITE	PRE-ANN-KWH	PST-ANN-KWH	ANN-KWH SAVED	% SAVED	ANN-\$ SAVED	
CITY HALL	135951	43277	92674	68%	\$ 6,509	
DPW GARAGE	42795	13675	29120	68%	\$ 1,986	
POLICE HQ	100045	27311	72735	73%	\$ 5,174	
SCR FIRE HQ	58522	20678.4	37843	65%	\$ 2,658	
ENGINE-2 PITTSTON AVE	19600	4829	14771	75%	\$ 1,174	
ENGINE-4 N. MAIN AVE	12818	6053	6765	53%	\$ 561	
ENGINE-7 LUZERNE ST	19498	6153	13345	68%	\$ 1,075	
ENGINE-8 MARKET ST	21084	5963	15121	72%	\$ 1,209	
ENGINE-10 E. MOUNTAIN ROAD	12486	3241	9244	74%	\$ 768	
RESCUE-1	31167	8762	22405	72%	\$ 1,847	
					TOTAL ANN SAVINGS	\$ 22,960
					TOTAL 5YR SAVINGS	\$ 114,799
TOTAL POTENTIAL REBATE @ .05 PER KWH SAVED					\$ 15,701	
TOTAL FIXTURES					1410	

City of Scranton

Invitation to Bid

Separate sealed bids will be received by the Office of the City Controller for the City of Scranton, 340 North Washington Avenue, Scranton, Pa. 18503 until Wednesday, May 5, 2021 at 11:00 a.m. at which time proposals will be opened in City Council Chambers and made available for public viewing at: www.youtube.com/user/electriccitytv570 for the following:

City of Scranton LED Lighting Retrofit

All bids shall be in accordance with the specifications which may be obtained from the City of Scranton Purchasing Department and which may be had by bona fide bidders. Copies can be obtained on the City of Scranton website at www.scrantonpa.gov. If you intend to submit a bid, you are required to notify Julie Reed, Purchasing Clerk for the City of Scranton via email at: jreed@scrantonpa.gov. If you fail to notify the Purchasing Clerk of your intent to submit a bid, you will not receive any Addenda or answers to any questions that may be submitted by other bidders.

Proposals will be received and identified by "The City of Scranton LED Lighting Retrofit". Due to the closure of City Hall, all proposals will be submitted electronically to John Murray, City Controller for the City of Scranton via: <https://www.dropbox.com/request/72eEDXVHbLpXX0vCITic> so as to arrive by the date and time specified above. The City will require a PDF document of this proposal.

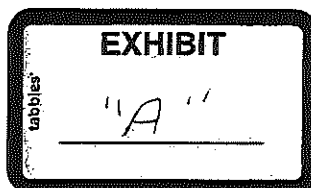
All proposals must be accompanied by signed Affirmative Action, Certificate of Non-Segregated Facilities, Non-Collusion Affidavit and Disclosure Forms.

There will be a mandatory Pre-Bid Conference on Wednesday, April 28, 2021 at 10:00 a.m. in the Governor's Room located on the second (2nd) floor in City Hall located at 340 North Washington Avenue, Scranton, Pa. 18503 for the purpose of receiving directions for the project. Because City Hall is closed to the public, participants will gather on the front steps of the building. Paul O'Hora will meet all potential bidders at that location and allow access into the building. Only bids from vendors attending the Pre-Bid Conference will be considered. Masks are required.

If you have any questions, please contact Paul O'Hora, Building Maintenance Manager at: pohora@scrantonpa.gov.

Paul O'Hora

Building Maintenance Manager



LIGHTING RETROFIT SPECIFICATION (GUIDELINE) For:

The City of Scranton

SUMMARY: Provide energy efficient lighting and lighting fixtures for a complete retrofit; with all necessary materials, labor, lifts, taxes, travelling expenses and any other costs required for a complete installation. This project will use Prevailing Wage.

Project is to begin on or after June 1, 2021 and be completed by no later than October 1, 2021.

MATERIAL REQUIREMENTS:

- A. All fixtures must have DLC Premium or Energy Star rating
- B. All fixtures and/or lamps must have Lumens per watt (LPW) of at least 150.
- C. All lighting fixtures shall bear the approval label of a testing laboratory recognized by the Code enforcing agency equal to UL.
- D. Fixtures shall conform to the specific location of installation such as "damp" or "wet".

SITE AUDITING:

- A. It is the Contractor's responsibility to conduct a thorough investment grade audit (IGA) of ALL Customers' facilities for a complete (comprehensive) retrofit. No change orders for the missed areas or fixtures will be accepted unless the auditor has clearly identified on audit documentation that area was inaccessible at time of audit despite reasonable attempts to gain access.

LIGHTING AUDIT REPORTING:

- A. The results of the Audit are to be presented to the City of Scranton in a form of room-by-room table with the "existing" vs. "proposed" fixtures with corresponding quantities, wattages and energy savings in kW, kWh and dollars based on the actual utility rates (will be provided by the City of Scranton).
- B. Following are the items that are required to be specifically identified in Contractor's proposal:
 - 1) Areas excluded from the retrofit (previously retrofitted or not) and excluded fixture-types.
 - 2) Previously retrofitted energy efficient fixtures (LED, etc.) that are excluded from Scope of Work. Fixtures excluded due to special conditions or circumstances.
 - 3) Any rooms locked/inaccessible during the time of the lighting audit. If possible, please provide a proposed lighting solution of any inaccessible rooms based on similar surrounding rooms.
 - 4) Any modifications or changes to pre-existing A/B switching or checker-board arrangements.
 - 5) Any (either excluded or to be retrofitted) existing motion sensors, dimming or other special arrangements.
 - 6) Decorative fixtures. If decorative fixtures are part of scope, please make a note of the trim color, so the proposed fixtures are not dissimilar in appearance.

DELIVERY, STORAGE, AND HANDLING:

- A. **Ordering and Delivery:** The confirmed order for purchase shall be placed after receipt of Notice to Proceed within an adequate time period to allow for the timely delivery of the materials per schedule coordinated with the City of Scranton Project Manager. If there is to be a delay in delivery, the Contractor shall give prompt notice of the delay to the City of Scranton. As a minimum, the Contractor shall secure an anticipated delivery date from its vendor at the time of ordering and follow up on this delivery date periodically until the order is received by the Contractor. If a delay occurs in delivery, Contractor shall make available to the City of Scranton all of the written records pertaining to the order.
- B. **Storage and Handling:** Store delivered fixtures indoors and in the factory cartons or packages until ready to install the fixtures. Transport and handle fixtures by methods that prevent damage or defacing to finishes, lenses, or fixture structure; promptly remove all damaged or defective fixtures from the site. The City of Scranton will reject damaged or flawed materials and product.

PROJECT/SITE CONDITIONS: Contractor shall coordinate with vendors of specified fixtures and assure submittals for approvals and subsequent orders and delivery dates will not conflict with the City of Scranton's Construction Schedule which has been agreed to by Contractor. Contractor shall maintain complete and accurate documentation of communications with the fixture suppliers, and request fixture submittals for approval of the Customer (if requested by the City of Scranton) within five days of notification of the award of Contract or Notice to Proceed.

OUTDOOR APPLICATIONS:

- A. The minimum starting temperature rating shall be compatible with local climatic conditions. The power supply shall be manufactured by a recognized manufacturer and bear the label of an approved testing laboratory appropriate to the location of the fixture. Power supply(s) will be considered faulty if noise emitted exceeds that of other fixtures of same type installed on the job and shall be replaced at the direction of the Customer. The Customer will reject lamps showing noticeable color shifts within sixty (60) days of initial installation.
- B. **Mounting:** All fixtures shall be furnished with necessary mounting devices and accessories. Install light fixtures with proper and appropriate structural support in or on existing structures. At a minimum, new fixture supports shall match existing whenever possible unless alternate mounting methodologies are approved in advance, in writing, by Customer and the City of Scranton. Contractor shall not be liable for any underlying structural deficiencies at the Customer site.
- C. All Exterior Fixtures must have surge suppression.

INTERIOR LIGHT FIXTURES:

- A. Unless instructed otherwise, all interior retrofits shall be based on the specified solution. Type B lamps and New fixtures where requested.
- B. **Fixture Support:**
 - 1) For fixtures installed into T-Bar grids, supplementary support may be provided consisting of 2 #10 AWG steel wires connected to the fixtures at diagonal corners and fastened securely to the structural system of the building if required by code and not currently in place. Contractor shall reuse existing supports whenever available.

AS-BUILTS: Upon project completion as-builts to include interior and exterior itemization with retrofitted fixtures.

WARRANTY: All lighting fixtures & components shall have minimum 60-month materials warranty. Labor warranty shall be a one (1) year workmanship warranty unless extended warranty option is purchased by Customer.

REBATE: It will be the contractor's responsibility to apply for any and all PPL rebate monies available for this project beginning June 1, 2021.

All questions regarding this bid should be directed to the Building Maintenance Manager via email only to: pohora@scrantonpa.gov. All questions must be received by **2:00 p.m. on Monday, April 26, 2021**. Inquiries received after 2:00 p.m. will not receive responses. To ensure consistent interpretation of certain items, answers to questions the City deems to be in the interest of all will be made available to all respondents in the form of an Addendum to the bid. No telephone calls with questions will be taken.

Attachment A. Affirmative Action Certification

During the term of this contract, Bidder agrees as follows:

- (1) Bidder shall not discriminate against any employee, applicant for employment, independent contractor or any other person because of race, color, religious creed, ancestry, national origin, age, sex or handicap. Bidder shall take affirmative action to insure that applicants are employed, and that employees or agents are treated during employment, without regard to their race, color, religious creed, ancestry, national origin, age, sex or handicap. Such affirmative action shall include, but is not limited to the following: employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training. Bidder shall post in conspicuous places, available to employees, agents, applicants for employment, and other persons, a notice to be provided by the contracting agency setting forth the provision of this affirmative action certification.
- (2) Bidder shall, in advertisements or requests for employment placed by it or on its behalf, state all qualified applicants will received consideration for employment without regard to race, color, religious creed, ancestry, national origin, age, sex or handicap.
- (3) Bidder shall send each labor union or workers' representative with which it has a collective bargaining agreement to other contract or understanding, a notice advising said labor union or worker's representative of its commitment to this affirmative action certification. Similar notice shall be sent to every other source of recruitment regularly utilized by bidder.
- (4) It shall be no defense to a finding of noncompliance with this affirmative action certification that bidder has delegated some of its employment practices to any union, training program, or other source of recruitment which prevents it from meeting its obligations. However, if the evidence indicates that the bidder was not on notice of the third-party discrimination or made a good faith effort to correct it, such a factor shall be considered in mitigation in determining appropriate sanctions.
- (5) Where the practices of a union or of any training program or other source of recruitment will result in the exclusion of minority group persons, so bidder will be unable to meet its obligations under this affirmative action certification, bidder shall then employ and fill vacancies through other affirmative action employment procedures.
- (6) Bidder shall comply with all state and federal laws prohibiting discrimination in hiring or employment opportunities. In the event of bidder's noncompliance with affirmative action certification of this contract or with any such laws, this contract may be terminated or suspended, in whole or in

part, and bidder may be declared temporarily ineligible for further City of Scranton contracts, and other sanctions may be imposed and remedies invoked.

- (7) Bidder shall furnish all necessary employment documents and records to, and permit access to its books, records, and accounts by, the City of Scranton Department of Business Administration, for purposes of investigation to ascertain Compliance with the provision of this certification. If bidder does not possess documents or records reflecting the necessary information requested, it shall furnish such information on reporting forms supplied by the City of Scranton Department of Business Administration.
- (8) Bidder shall actively recruit minority subcontractors or subcontractors with substantial minority representation among their employees.
- (9) Bidder shall include the provisions of this affirmative action certification in every subcontract, so that such provisions will be binding upon each subcontractor.
- (10) Bidder's obligations under this clause are limited to the bidder's facilities within Pennsylvania, or where the contract is for purchase of goods manufactured outside of Pennsylvania, the facilities at which such goods are actually produced.

DATE: _____

(Name of Bidder)

BY _____

TITLE _____

Attachment B. Certificate of Non-Segregated Facilities

The bidder certifies that he does not maintain or provide for his employees and segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The Bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The Bidder agrees that a breach of this certification will be a violation of the Equal opportunity clause in any contract resulting from acceptance of his bid. As used in this certification, the term "segregated Facilities," means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise. The Bidder agrees that (except where he has obtained identical certifications from proposal sub-contractors for specific time periods) he will obtain identical certifications from proposed sub-contractors prior to the award of sub-contracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain such certification in his files.

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. §1001.

DATE: _____

(Name of Bidder)

BY _____

TITLE _____

Attachment C. Non-Collusion Affidavit of Prime Bidder

STATE OF _____

COUNTY OF _____

_____, being first duly sworn, deposes and says that:

1. He is _____
(Owner, partner, officer, representative or agent)

of _____, the Bidder that has submitted the bid;

2. He is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, Representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, or to Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Scranton (Local Public Agency) or any person interested in the proposed Contract; and;
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

Non-Collusion Affidavit
Signature Page

Signed _____

(TITLE)

SUBSCRIBED AND SWORN TO BEFORE ME

THIS _____ DAY OF _____
_____, 20 _____

(TITLE)

MY COMMISSION EXPIRES _____
_____, 20 _____

D. Disclosures by Current Contractors

List of Municipal Officials

Mayor of Scranton
Scranton City Councilpersons
Scranton Controller
Scranton Tax Collector

1. Provide the names and titles of all individuals providing professional services to the City including advisors and subcontractors, if any. After each name, please provide the responsibilities of that person with regard to the professional services provided to the City of Scranton.
 - List the names of any of the above individuals who are current or former officials or employees of the City of Scranton and their position;
 - List the names of any of the above individuals who has been a registered federal or state lobbyist and the date of the most recent renewal/registration.
2. Since January 1, 2015, have any of the individuals identified in paragraph two above been employed by the City of Scranton. If yes, please identify the individual by his/her name and position with the City of Scranton and dates of employment.
3. Since January 1, 2015, has the Contractor employed paid compensation to a third party intermediary, agent, or lobbyist to directly or indirectly communicate with any individual on the list of municipal officials in connection with any transaction or investment involving the Contractor and the City of Scranton. This question does not apply to any officer or employee of the Contractor who is acting within the scope of the Contractor's standard professional duties on behalf of the Contractor including the actual provision of legal, accounting, engineering, real estate, or other professional advice, services or assistance pursuant to its professional services contract with the City of Scranton.
4. Since January 1, 2015 has any agent, officer, director, or employee of the Contractor solicited a third party to make a political contribution to any municipal official or candidate for municipal office in the City of Scranton or to the political party or political committee for whom the solicitation was made. If yes, please identify the agent, officer, director, or employee who made the solicitation; the individual or individuals who were solicited, and the municipal officers, candidates, political party, or political committee for whom the solicitation was made.
5. Since January 1, 2015, has the contractor, officer, director, executive-level employee, or owner of at least five percent (5%) of the company made any contribution to a municipal official or candidate for municipal office in the City of Scranton. If yes, please identify the recipient, the amount, and the date of the contribution.
6. Does the Contractor have a direct financial, commercial, or business relationships with any individual on the List of Municipal Officials. With regard to every municipal official for which the answer is yes, identify that individual and provide a detailed written description of that relationship.
7. Since January 1, 2015, has the Contractor, officer, director, executive-level employee, or owner of at least five percent (5%) of the company conferred any gift of more than nominal value to any

individual on the list of Municipal Officials. A gift includes money, services, loans, travel, and entertainment, at value or discounted value. With regard to every municipal official for which the answer is yes, identify the recipient, the gift, and the date it was conferred.

8. Regarding the provision of professional services to the City of Scranton, are you aware of any conflicts of interest, whether apparent, potential, or actual, with respect to any officer, director, or employee of the Contractor and officials or employees of the City of Scranton. If yes, please provide a detailed written explanation of the circumstances which you believe provide a basis to conclude that an apparent, potential, or actual conflict of interest may exist.

9. Please provide the name(s) and person(s) completing this form. One of the individuals identified by the Contractor in paragraph two must participate in completing this form and must sign the verification statement below.

VERIFICATION

I, _____, hereby state that I am the owner of

_____ and that I am authorized to make this verification.

I verify that the facts set forth herein for entities providing professional services to the City of Scranton are true and correct to the best of my knowledge, information, and belief. I understand that false statements herein are made subject to penalties of 18 P.A.C.S section 4904 relating to unsworn falsification to authorities.

Signed: _____

Date: _____

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project Name:	City of Scranton LED Lighting Retrofit
Awarding Agency:	City of Scranton
Contract Award Date:	5/29/2021
Serial Number:	21-02675
Project Classification:	Building
Determination Date:	4/6/2021
Assigned Field Office:	Scranton
Field Office Phone Number:	(570)963-4577
Toll Free Phone Number:	(877)214-3962
Project County:	Lackawanna County

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	7/1/2016		\$32.48	\$18.52	\$51.00
Asbestos & Insulation Workers	7/1/2018		\$32.83	\$19.17	\$52.00
Asbestos & Insulation Workers	7/1/2019		\$33.33	\$19.67	\$53.00
Asbestos & Insulation Workers	7/1/2020		\$33.33	\$20.67	\$54.00
Asbestos & Insulation Workers	7/1/2021		\$34.58	\$20.67	\$55.25
Asbestos & Insulation Workers	7/1/2022		\$35.83	\$20.67	\$56.50
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2017		\$28.52	\$18.22	\$46.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2018		\$29.52	\$18.22	\$47.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2019		\$29.26	\$18.48	\$47.74
Boilermakers	1/1/2018		\$46.26	\$33.36	\$79.62
Boilermakers	3/1/2018		\$45.89	\$33.73	\$79.62
Boilermakers	1/1/2019		\$45.51	\$34.11	\$79.62
Boilermakers	8/1/2019		\$47.21	\$34.11	\$81.32
Boilermakers	1/1/2021		\$49.32	\$34.90	\$84.22
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2017		\$33.82	\$16.56	\$50.38
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2018		\$34.44	\$16.74	\$51.18
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2019		\$35.15	\$16.93	\$52.08
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/3/2020		\$34.94	\$18.14	\$53.08
Bricklayers, Stone Masons, Pointers, Caulkers, Cleaners	5/1/2021		\$36.82	\$17.36	\$54.18
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2016		\$28.53	\$16.08	\$44.61
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	6/1/2018		\$29.53	\$17.43	\$46.96
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2019		\$30.18	\$17.93	\$48.11
Carpenters, Drywall Hangers, Framers, Instrument Men, Lathers, Soft Floor Layers	5/1/2020		\$30.88	\$18.43	\$49.31
Cement Finishers	6/1/2016		\$32.43	\$11.35	\$43.78
Cement Masons	5/1/2019		\$34.08	\$13.00	\$47.08
Cement Masons	6/1/2020		\$34.78	\$13.50	\$48.28
Drywall Finisher	5/1/2017		\$27.81	\$18.17	\$45.98
Drywall Finisher	5/1/2019		\$28.61	\$20.04	\$48.65
Drywall Finisher	5/1/2020		\$29.19	\$20.71	\$49.90
Electricians	6/1/2012		\$33.37	\$15.19	\$48.56
Electricians	6/1/2013		\$33.77	\$16.04	\$49.81
Electricians	6/1/2014		\$34.36	\$16.95	\$51.31
Electricians	6/1/2015		\$34.36	\$17.80	\$52.16
Electricians	6/1/2016		\$34.36	\$18.80	\$53.16
Electricians	6/1/2017		\$34.36	\$19.85	\$54.21
Electricians	6/1/2020		\$41.23	\$20.31	\$61.54

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Electricians	12/1/2020		\$41.23	\$20.81	\$62.04
Elevator Constructor	1/1/2016		\$45.04	\$30.28	\$75.32
Elevator Constructor	1/1/2018		\$47.48	\$33.00	\$80.48
Glazier	5/1/2016		\$29.02	\$15.51	\$44.53
Glazier	5/1/2019	4/30/2020	\$29.57	\$17.36	\$46.93
Glazier	5/1/2020	4/30/2021	\$29.57	\$18.36	\$47.93
Glazier	5/1/2021		\$29.57	\$19.36	\$48.93
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2017		\$32.32	\$28.42	\$60.74
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2018		\$33.07	\$28.42	\$61.49
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2019		\$32.76	\$29.88	\$62.64
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2020		\$33.76	\$30.13	\$63.89
Laborers (Class 01 - See notes)	5/1/2017		\$21.15	\$16.88	\$38.03
Laborers (Class 01 - See notes)	5/1/2018		\$21.40	\$17.63	\$39.03
Laborers (Class 01 - See notes)	5/1/2019	4/30/2020	\$21.70	\$18.33	\$40.03
Laborers (Class 01 - See notes)	5/1/2020		\$22.05	\$19.32	\$41.37
Laborers (Class 01 - See notes)	5/2/2021		\$25.37	\$19.68	\$45.05
Laborers (Class 01 - See notes)	5/1/2022		\$25.82	\$20.33	\$46.15
Laborers (Class 01 - See notes)	4/30/2023		\$26.32	\$21.03	\$47.35
Laborers (Class 02 - See notes)	5/1/2017		\$23.15	\$16.88	\$40.03
Laborers (Class 02 - See notes)	5/1/2018		\$23.40	\$17.63	\$41.03
Laborers (Class 02 - See notes)	5/1/2019		\$23.70	\$18.33	\$42.03
Laborers (Class 02 - See notes)	5/1/2020		\$24.05	\$19.03	\$43.08
Laborers (Class 02 - See notes)	5/3/2020		\$26.47	\$19.03	\$45.50
Laborers (Class 02 - See notes)	5/2/2021		\$26.87	\$19.68	\$46.55
Laborers (Class 02 - See notes)	5/1/2022		\$27.32	\$20.33	\$47.65
Laborers (Class 02 - See notes)	4/30/2023		\$27.82	\$21.03	\$48.85
Laborers (Class 03 - See notes)	5/1/2017		\$23.67	\$17.17	\$40.84
Laborers (Class 03 - See notes)	5/1/2018		\$24.02	\$17.92	\$41.94
Laborers (Class 03 - See notes)	5/1/2019		\$24.47	\$18.62	\$43.09
Laborers (Class 03 - See notes)	5/3/2020		\$26.97	\$19.03	\$46.00
Laborers (Class 03 - See notes)	5/2/2021		\$27.37	\$19.68	\$47.05
Laborers (Class 03 - See notes)	5/1/2022		\$27.82	\$20.33	\$48.15
Laborers (Class 03 - See notes)	4/30/2023		\$28.32	\$21.03	\$49.35
Laborers (Class 04 - See notes)	5/1/2017		\$25.17	\$17.17	\$42.34
Laborers (Class 04 - See notes)	5/1/2018		\$25.52	\$17.92	\$43.44
Laborers (Class 04 - See notes)	5/1/2019		\$25.97	\$18.62	\$44.59
Laborers (Class 04 - See notes)	5/3/2020		\$24.62	\$19.03	\$43.65
Laborers (Class 04 - See notes)	5/2/2021		\$25.02	\$19.68	\$44.70
Laborers (Class 04 - See notes)	5/1/2022		\$25.47	\$20.33	\$45.80
Laborers (Class 04 - See notes)	4/30/2023		\$25.97	\$21.03	\$47.00
Laborers (Class 05 - See notes)	5/1/2017		\$25.67	\$17.17	\$42.84
Laborers (Class 05 - See notes)	5/1/2018		\$26.02	\$17.92	\$43.94

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 05 - See notes)	5/1/2019		\$23.70	\$18.33	\$42.03
Laborers (Class 05 - See notes)	5/1/2020		\$24.05	\$19.03	\$43.08
Laborers (Class 05 - See notes)	5/3/2020		\$26.12	\$19.03	\$45.15
Laborers (Class 05 - See notes)	5/2/2021		\$26.52	\$19.68	\$46.20
Laborers (Class 05 - See notes)	5/1/2022		\$26.97	\$20.33	\$47.30
Laborers (Class 05 - See notes)	4/30/2023		\$27.47	\$21.03	\$48.50
Laborers (Class 06 - See notes)	5/1/2017		\$23.92	\$16.88	\$40.80
Laborers (Class 06 - See notes)	5/1/2018		\$24.17	\$17.63	\$41.80
Laborers (Class 06 - See notes)	5/1/2019		\$24.47	\$18.33	\$42.80
Laborers (Class 06 - See notes)	5/1/2020		\$24.82	\$19.03	\$43.85
Laborers (Class 06 - See notes)	5/3/2020		\$26.62	\$19.03	\$45.65
Laborers (Class 06 - See notes)	5/2/2021		\$27.02	\$19.68	\$46.70
Laborers (Class 06 - See notes)	5/1/2022		\$27.47	\$20.33	\$47.80
Laborers (Class 06 - See notes)	4/30/2023		\$27.97	\$21.03	\$49.00
Marble Mason	5/1/2017		\$31.03	\$15.10	\$46.13
Marble Mason	5/1/2018		\$31.85	\$15.28	\$47.13
Marble Mason	5/1/2019		\$32.66	\$15.47	\$48.13
Marble Mason	5/1/2020		\$33.45	\$15.68	\$49.13
Marble Mason	5/1/2021		\$34.23	\$15.90	\$50.13
Millwright	5/1/2017		\$33.79	\$18.16	\$51.95
Millwright	5/1/2018	4/30/2019	\$34.41	\$18.64	\$53.05
Millwright	5/1/2019	4/30/2020	\$35.30	\$18.90	\$54.20
Millwright	5/1/2020		\$36.04	\$19.31	\$55.35
Operators (Building, Class 01 - See Notes)	5/1/2017		\$35.24	\$24.58	\$59.82
Operators (Building, Class 01 - See Notes)	5/1/2018		\$36.78	\$25.03	\$61.81
Operators (Building, Class 01 - See Notes)	5/1/2019		\$36.78	\$27.03	\$63.81
Operators (Building, Class 01 - See Notes)	5/1/2020		\$38.32	\$27.49	\$65.81
Operators (Building, Class 01 - See Notes)	5/1/2021		\$39.87	\$27.94	\$67.81
Operators (Building, Class 01A - See Notes)	5/1/2017		\$37.49	\$25.23	\$62.72
Operators (Building, Class 01A - See Notes)	5/1/2018		\$39.03	\$25.69	\$64.72
Operators (Building, Class 01A - See Notes)	5/1/2019		\$39.03	\$27.69	\$66.72
Operators (Building, Class 01A - See Notes)	5/1/2020		\$40.57	\$28.15	\$68.72
Operators (Building, Class 01A - See Notes)	5/1/2021		\$42.12	\$28.60	\$70.72
Operators (Building, Class 02 - See Notes)	5/1/2017		\$34.96	\$24.49	\$59.45
Operators (Building, Class 02 - See Notes)	5/1/2018		\$36.50	\$24.95	\$61.45
Operators (Building, Class 02 - See Notes)	5/1/2019		\$36.50	\$26.94	\$63.44
Operators (Building, Class 02 - See Notes)	5/1/2020		\$38.05	\$27.39	\$65.44
Operators (Building, Class 02 - See Notes)	5/1/2021		\$39.59	\$27.85	\$67.44
Operators (Building, Class 02A - See Notes)	5/1/2016		\$36.43	\$23.93	\$60.36
Operators (Building, Class 02A - See Notes)	5/1/2017		\$37.21	\$25.16	\$62.37
Operators (Building, Class 02A - See Notes)	5/1/2018		\$38.75	\$25.61	\$64.36
Operators (Building, Class 02A - See Notes)	5/1/2019		\$38.75	\$27.61	\$66.36
Operators (Building, Class 02A - See Notes)	5/1/2020		\$40.30	\$28.06	\$68.36
Operators (Building, Class 02A - See Notes)	5/1/2021		\$41.84	\$28.52	\$70.36

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Building, Class 03 - See Notes)	5/1/2017		\$32.23	\$23.68	\$55.91
Operators (Building, Class 03 - See Notes)	5/1/2018		\$33.78	\$24.12	\$57.90
Operators (Building, Class 03 - See Notes)	5/1/2019		\$33.78	\$26.13	\$59.91
Operators (Building, Class 03 - See Notes)	5/1/2020		\$35.32	\$26.59	\$61.91
Operators (Building, Class 03 - See Notes)	5/1/2021		\$36.87	\$27.04	\$63.91
Operators (Building, Class 04 - See Notes)	5/1/2017		\$30.33	\$22.12	\$52.45
Operators (Building, Class 04 - See Notes)	5/1/2018		\$32.63	\$23.80	\$56.43
Operators (Building, Class 04 - See Notes)	5/1/2019		\$32.63	\$25.81	\$58.44
Operators (Building, Class 04 - See Notes)	5/1/2020		\$34.18	\$26.26	\$60.44
Operators (Building, Class 04 - See Notes)	5/1/2021		\$35.72	\$26.72	\$62.44
Operators (Building, Class 05 - See Notes)	5/1/2017		\$29.87	\$21.99	\$51.86
Operators (Building, Class 05 - See Notes)	5/1/2018		\$32.18	\$23.69	\$55.87
Operators (Building, Class 05 - See Notes)	5/1/2019		\$32.19	\$25.67	\$57.86
Operators (Building, Class 05 - See Notes)	5/1/2020		\$33.73	\$26.13	\$59.86
Operators (Building, Class 05 - See Notes)	5/1/2021		\$35.27	\$26.59	\$61.86
Operators (Building, Class 06 - See Notes)	5/1/2017		\$29.00	\$21.72	\$50.72
Operators (Building, Class 06 - See Notes)	5/1/2018		\$31.31	\$23.41	\$54.72
Operators (Building, Class 06 - See Notes)	5/1/2019		\$31.31	\$25.41	\$56.72
Operators (Building, Class 06 - See Notes)	5/1/2020		\$32.86	\$25.86	\$58.72
Operators (Building, Class 06 - See Notes)	5/1/2021		\$34.40	\$26.32	\$60.72
Operators (Building, Class 07A- See Notes)	5/1/2017		\$42.44	\$28.13	\$70.57
Operators (Building, Class 07A- See Notes)	5/1/2018		\$44.29	\$28.68	\$72.97
Operators (Building, Class 07A- See Notes)	5/1/2019		\$44.60	\$30.77	\$75.37
Operators (Building, Class 07A- See Notes)	5/1/2020		\$46.46	\$31.31	\$77.77
Operators (Building, Class 07A- See Notes)	5/1/2021		\$48.31	\$31.86	\$80.17
Operators (Building, Class 07B- See Notes)	5/1/2017		\$42.09	\$28.03	\$70.12
Operators (Building, Class 07B- See Notes)	5/1/2018		\$43.95	\$28.58	\$72.53
Operators (Building, Class 07B- See Notes)	5/1/2019		\$44.26	\$30.66	\$74.92
Operators (Building, Class 07B- See Notes)	5/1/2020		\$46.11	\$31.21	\$77.32
Operators (Building, Class 07B- See Notes)	5/1/2021		\$47.96	\$31.77	\$79.73
Painters Class 1 (see notes)	5/1/2017		\$27.25	\$18.17	\$45.42
Painters Class 1 (see notes)	5/1/2019		\$28.05	\$20.04	\$48.09
Painters Class 1 (see notes)	5/1/2020		\$28.63	\$20.71	\$49.34
Painters Class 2 (see notes)	5/1/2017		\$30.15	\$18.17	\$48.32
Painters Class 2 (see notes)	5/1/2019		\$30.95	\$20.04	\$50.99
Painters Class 2 (see notes)	5/1/2020		\$31.53	\$20.71	\$52.24
Painters Class 3 (see notes)	5/1/2017		\$36.25	\$18.17	\$54.42
Pile Driver Divers (Building, Heavy, Highway)	1/1/2017		\$49.13	\$17.95	\$67.08
Pile Driver Divers (Building, Heavy, Highway)	1/1/2020		\$53.10	\$19.70	\$72.80
Pile Driver Divers (Building, Heavy, Highway)	1/1/2021		\$54.75	\$20.10	\$74.85
Pile Driver Divers (Building, Heavy, Highway)	1/1/2022		\$56.40	\$20.50	\$76.90
Piledrivers	1/1/2018		\$33.55	\$18.55	\$52.10
Piledrivers	1/1/2019		\$34.30	\$19.30	\$53.60
Piledrivers	1/1/2020		\$35.40	\$19.70	\$55.10

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Piledrivers	1/1/2021		\$36.50	\$20.10	\$56.60
Piledrivers	1/1/2022		\$37.60	\$20.50	\$58.10
Plasterers	6/1/2016		\$32.94	\$10.92	\$43.86
Plasterers	5/1/2019		\$34.66	\$12.50	\$47.16
Plasterers	6/1/2020		\$35.36	\$13.00	\$48.36
Plumbers and Steamfitters	6/1/2017		\$41.24	\$20.77	\$62.01
Plumbers and Steamfitters	6/1/2018		\$42.64	\$20.77	\$63.41
Plumbers and Steamfitters	6/1/2019		\$43.54	\$21.27	\$64.81
Plumbers and Steamfitters	12/1/2020		\$44.74	\$21.82	\$66.56
Roofers	6/1/2017		\$27.50	\$19.08	\$46.58
Roofers	5/1/2019		\$29.50	\$19.81	\$49.31
Roofers	5/1/2020		\$30.25	\$20.36	\$50.61
Sheet Metal Workers	5/1/2017		\$30.61	\$22.95	\$53.56
Sheet Metal Workers	5/1/2018		\$30.63	\$23.73	\$54.36
Sheet Metal Workers	5/1/2019		\$30.79	\$25.07	\$55.86
Sheet Metal Workers	5/1/2020		\$31.04	\$26.32	\$57.36
Sprinklerfitters	4/1/2017		\$37.40	\$21.74	\$59.14
Sprinklerfitters	4/1/2018		\$38.80	\$22.74	\$61.54
Sprinklerfitters	4/1/2020		\$38.90	\$26.42	\$65.32
Terrazzo Finisher	5/1/2017		\$31.64	\$15.62	\$47.26
Terrazzo Finisher	5/1/2018		\$32.35	\$15.91	\$48.26
Terrazzo Finisher	5/1/2019		\$33.04	\$16.22	\$49.26
Terrazzo Finisher	5/1/2020		\$32.26	\$18.48	\$50.74
Terrazzo Grinder	5/1/2020		\$32.95	\$18.48	\$51.43
Terrazzo Mechanics	5/1/2020		\$32.91	\$20.11	\$53.02
Terrazzo Setter	5/1/2017		\$30.63	\$18.85	\$49.48
Terrazzo Setter	5/1/2018		\$31.23	\$19.25	\$50.48
Terrazzo Setter	5/1/2019		\$31.81	\$19.67	\$51.48
Tile & Marble Finisher	5/1/2017		\$28.12	\$14.60	\$42.72
Tile & Marble Finisher	5/1/2018		\$28.94	\$14.78	\$43.72
Tile & Marble Finisher	5/1/2019		\$29.30	\$15.42	\$44.72
Tile & Marble Finisher	5/1/2020		\$30.54	\$15.18	\$45.72
Tile & Marble Finisher	5/1/2020		\$30.54	\$15.18	\$45.72
Tile & Marble Finisher	5/1/2021		\$31.32	\$15.40	\$46.72
Tile Setter	5/1/2017		\$31.03	\$15.10	\$46.13
Tile Setter	5/1/2018		\$31.85	\$15.28	\$47.13
Tile Setter	5/1/2019		\$32.66	\$15.47	\$48.13
Tile Setter	5/1/2020		\$33.05	\$16.08	\$49.13
Tile Setter	5/1/2020		\$33.45	\$15.68	\$49.13
Tile Setter	5/1/2021		\$34.23	\$15.90	\$50.13
Truckdriver class 1 (see notes)	5/1/2017		\$34.47	\$0.00	\$34.47
Truckdriver class 1 (see notes)	5/1/2018		\$35.32	\$0.00	\$35.32
Truckdriver class 1 (see notes)	5/1/2019		\$36.12	\$0.00	\$36.12
Truckdriver class 2 (see notes)	5/1/2017		\$34.54	\$0.00	\$34.54

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Truckdriver class 2 (see notes)	5/1/2018		\$35.39	\$0.00	\$35.39
Truckdriver class 2 (see notes)	5/1/2019		\$36.19	\$0.00	\$36.19
Truckdriver class 3 (see notes)	5/1/2017		\$35.03	\$0.00	\$35.03
Truckdriver class 3 (see notes)	5/1/2018		\$35.88	\$0.00	\$35.88
Truckdriver class 3 (see notes)	5/1/2019		\$36.68	\$0.00	\$36.68
Window Film / Tint Installer	6/1/2019		\$24.52	\$12.08	\$36.60

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter and Piledriver	5/1/2018	4/30/2019	\$30.75	\$15.96	\$46.71
Carpenter and Piledriver	5/1/2019	4/30/2020	\$31.51	\$16.55	\$48.06
Carpenter and Piledriver	5/1/2020	4/30/2021	\$32.22	\$17.19	\$49.41
Carpenter and Piledriver	5/1/2021		\$33.12	\$17.74	\$50.86
Carpenters	5/1/2016		\$29.67	\$14.54	\$44.21
Carpenters	5/1/2017		\$30.12	\$15.34	\$45.46
Cement Finishers	6/1/2016		\$32.43	\$11.35	\$43.78
Electric Lineman	1/1/2018		\$55.43	\$22.48	\$77.91
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2017		\$32.32	\$28.42	\$60.74
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2018		\$33.07	\$28.42	\$61.49
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2019		\$32.76	\$29.88	\$62.64
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	7/1/2020		\$33.76	\$30.13	\$63.89
Iron Workers	7/1/2016		\$29.42	\$28.78	\$58.20
Laborers (Class 01 - See notes)	5/1/2016		\$19.81	\$15.79	\$35.60
Laborers (Class 01 - See notes)	5/1/2017		\$20.38	\$16.29	\$36.65
Laborers (Class 01 - See notes)	5/1/2018		\$20.96	\$16.79	\$37.75
Laborers (Class 01 - See notes)	5/1/2019		\$21.61	\$17.29	\$38.90
Laborers (Class 01 - See notes)	5/1/2020		\$22.41	\$17.69	\$40.10
Laborers (Class 01 - See notes)	5/1/2021		\$23.21	\$18.09	\$41.30
Laborers (Class 01 - See notes)	5/1/2022		\$24.01	\$18.54	\$42.55
Laborers (Class 01 - See notes)	5/1/2023		\$24.81	\$18.99	\$43.80
Laborers (Class 01 - See notes)	5/1/2024		\$25.61	\$19.49	\$45.10
Laborers (Class 02 - See notes)	5/1/2016		\$26.43	\$15.79	\$42.22
Laborers (Class 02 - See notes)	5/1/2017		\$26.98	\$16.29	\$43.27
Laborers (Class 02 - See notes)	5/1/2018		\$27.58	\$16.79	\$44.37
Laborers (Class 02 - See notes)	5/1/2019		\$28.23	\$17.29	\$45.52
Laborers (Class 02 - See notes)	5/1/2020		\$29.03	\$17.69	\$46.72
Laborers (Class 02 - See notes)	5/1/2021		\$29.83	\$18.09	\$47.92
Laborers (Class 02 - See notes)	5/1/2022		\$30.63	\$18.54	\$49.17
Laborers (Class 02 - See notes)	5/1/2023		\$31.43	\$18.99	\$50.42
Laborers (Class 02 - See notes)	5/1/2024		\$32.23	\$19.49	\$51.72
Laborers (Class 03 - See notes)	5/1/2016		\$23.42	\$15.79	\$39.21
Laborers (Class 03 - See notes)	5/1/2017		\$23.97	\$16.29	\$40.26
Laborers (Class 03 - See notes)	5/1/2018		\$24.57	\$16.79	\$41.36
Laborers (Class 03 - See notes)	5/1/2019		\$25.22	\$17.29	\$42.51
Laborers (Class 03 - See notes)	5/1/2020		\$26.02	\$17.69	\$43.71
Laborers (Class 03 - See notes)	5/1/2021		\$26.82	\$18.09	\$44.91
Laborers (Class 03 - See notes)	5/1/2022		\$27.62	\$18.54	\$46.16
Laborers (Class 03 - See notes)	5/1/2023		\$28.42	\$18.99	\$47.41
Laborers (Class 03 - See notes)	5/1/2024		\$29.22	\$19.49	\$48.71
Laborers (Class 04 - See notes)	5/1/2016		\$23.77	\$15.79	\$39.56
Laborers (Class 04 - See notes)	5/1/2017		\$24.32	\$16.29	\$40.61

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 04 - See notes)	5/1/2018		\$24.82	\$16.79	\$41.71
Laborers (Class 04 - See notes)	5/1/2019		\$25.57	\$17.29	\$42.86
Laborers (Class 04 - See notes)	5/1/2020		\$26.37	\$17.69	\$44.06
Laborers (Class 04 - See notes)	5/1/2021		\$27.17	\$18.09	\$45.26
Laborers (Class 04 - See notes)	5/1/2022		\$27.97	\$18.54	\$46.51
Laborers (Class 04 - See notes)	5/1/2023		\$28.77	\$18.99	\$47.76
Laborers (Class 04 - See notes)	5/1/2024		\$29.57	\$19.49	\$49.06
Laborers (Class 05 - See notes)	5/1/2016		\$24.44	\$15.79	\$40.23
Laborers (Class 05 - See notes)	5/1/2017		\$24.99	\$16.29	\$41.28
Laborers (Class 05 - See notes)	5/1/2018		\$25.59	\$16.79	\$42.38
Laborers (Class 05 - See notes)	5/1/2019		\$26.24	\$17.29	\$43.53
Laborers (Class 05 - See notes)	5/1/2020		\$27.04	\$17.69	\$44.73
Laborers (Class 05 - See notes)	5/1/2021		\$27.84	\$18.09	\$45.93
Laborers (Class 05 - See notes)	5/1/2022		\$28.64	\$18.54	\$47.18
Laborers (Class 05 - See notes)	5/1/2023		\$29.44	\$18.99	\$48.43
Laborers (Class 05 - See notes)	5/1/2024		\$30.24	\$19.49	\$49.73
Laborers (Class 06 - See notes)	5/1/2016		\$23.86	\$15.79	\$39.65
Laborers (Class 06 - See notes)	5/1/2017		\$24.41	\$16.29	\$40.70
Laborers (Class 06 - See notes)	5/1/2018		\$25.01	\$16.79	\$41.80
Laborers (Class 06 - See notes)	5/1/2019		\$25.66	\$17.29	\$42.95
Laborers (Class 06 - See notes)	5/1/2020		\$26.46	\$17.69	\$44.15
Laborers (Class 06 - See notes)	5/1/2021		\$27.26	\$18.09	\$45.35
Laborers (Class 06 - See notes)	5/1/2022		\$28.06	\$18.54	\$46.60
Laborers (Class 06 - See notes)	5/1/2023		\$28.86	\$18.99	\$47.85
Laborers (Class 06 - See notes)	5/1/2024		\$29.66	\$19.49	\$49.15
Laborers (Class 07 - See notes)	5/1/2016		\$24.15	\$15.79	\$39.94
Laborers (Class 07 - See notes)	5/1/2017		\$24.70	\$16.29	\$40.99
Laborers (Class 07 - See notes)	5/1/2018		\$25.30	\$16.79	\$42.09
Laborers (Class 07 - See notes)	5/1/2019		\$25.95	\$17.29	\$43.24
Laborers (Class 07 - See notes)	5/1/2020		\$26.75	\$17.69	\$44.44
Laborers (Class 07 - See notes)	5/1/2021		\$27.55	\$18.09	\$45.64
Laborers (Class 07 - See notes)	5/1/2022		\$28.35	\$18.54	\$46.89
Laborers (Class 07 - See notes)	5/1/2023		\$29.15	\$18.99	\$48.14
Laborers (Class 07 - See notes)	5/1/2024		\$29.95	\$19.49	\$49.44
Laborers (Class 08 - See notes)	5/1/2016		\$24.63	\$15.79	\$40.42
Laborers (Class 08 - See notes)	5/1/2017		\$25.18	\$16.29	\$41.47
Laborers (Class 08 - See notes)	5/1/2018		\$25.78	\$16.79	\$42.57
Laborers (Class 08 - See notes)	5/1/2019		\$26.43	\$17.29	\$43.72
Laborers (Class 08 - See notes)	5/1/2020		\$27.23	\$17.69	\$44.92
Laborers (Class 08 - See notes)	5/1/2021		\$28.03	\$18.09	\$46.12
Laborers (Class 08 - See notes)	5/1/2022		\$28.83	\$18.54	\$47.37
Laborers (Class 08 - See notes)	5/1/2023		\$29.63	\$18.99	\$48.62
Laborers (Class 08 - See notes)	5/1/2024		\$30.43	\$19.49	\$49.92
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2016		\$32.16	\$22.64	\$54.80

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2017		\$33.80	\$24.16	\$57.96
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2018		\$35.35	\$24.61	\$59.96
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2019		\$35.35	\$26.61	\$61.96
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2020		\$36.90	\$27.06	\$63.96
Operators (Building/Heavy, Class 01 - See Notes)	5/1/2021		\$38.44	\$27.52	\$65.96
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2017		\$36.05	\$24.82	\$60.87
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2018		\$37.60	\$25.27	\$62.87
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2019		\$37.60	\$27.27	\$64.87
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2020		\$39.14	\$27.73	\$66.87
Operators (Building/Heavy, Class 01a - See Notes)	5/1/2021		\$40.69	\$28.18	\$68.87
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2017		\$33.52	\$24.07	\$57.59
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2018		\$35.07	\$24.52	\$59.59
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2019		\$35.07	\$26.52	\$61.59
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2020		\$36.61	\$26.98	\$63.59
Operators (Building/Heavy, Class 02 - See Notes)	5/1/2021		\$38.16	\$27.43	\$65.59
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2017		\$35.78	\$24.72	\$60.50
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2018		\$37.32	\$25.19	\$62.51
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2019		\$37.32	\$27.19	\$64.51
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2020		\$38.87	\$27.64	\$66.51
Operators (Building/Heavy, Class 02a - See Notes)	5/1/2021		\$40.41	\$28.10	\$68.51
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2017		\$30.60	\$23.21	\$53.81
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2018		\$32.15	\$23.66	\$55.81
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2019		\$32.15	\$25.66	\$57.81
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2020		\$33.69	\$26.12	\$59.81
Operators (Building/Heavy, Class 03 - See Notes)	5/1/2021		\$35.24	\$26.57	\$61.81
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2017		\$29.47	\$22.88	\$52.35
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2018		\$31.01	\$23.32	\$54.33
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2019		\$31.01	\$25.33	\$56.34
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2020		\$32.55	\$25.79	\$58.34
Operators (Building/Heavy, Class 04 - See Notes)	5/1/2021		\$34.10	\$26.24	\$60.34
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2017		\$29.02	\$22.74	\$51.76
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2018		\$30.56	\$23.20	\$53.76
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2019		\$30.56	\$25.20	\$55.76
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2020		\$32.11	\$25.65	\$57.76
Operators (Building/Heavy, Class 05 - See Notes)	5/1/2021		\$33.65	\$26.11	\$59.76
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2017		\$28.14	\$22.49	\$50.63
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2018		\$29.68	\$22.93	\$52.61
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2019		\$29.68	\$24.94	\$54.62
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2020		\$31.23	\$25.39	\$56.62
Operators (Building/Heavy, Class 06 - See Notes)	5/1/2021		\$32.77	\$25.84	\$58.61
Operators (Heavy, Class 07A - See Notes)	5/1/2017		\$40.73	\$27.63	\$68.36
Operators (Heavy, Class 07A - See Notes)	5/1/2018		\$42.58	\$28.18	\$70.76
Operators (Heavy, Class 07A - See Notes)	5/1/2019		\$42.89	\$30.27	\$73.16
Operators (Heavy, Class 07A - See Notes)	5/1/2020		\$44.74	\$30.82	\$75.56

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Heavy, Class 07A - See Notes)	5/1/2021		\$46.59	\$31.37	\$77.96
Operators (Heavy, Class 07B - See Notes)	5/1/2017		\$40.38	\$27.53	\$67.91
Operators (Heavy, Class 07B - See Notes)	5/1/2018		\$42.23	\$28.09	\$70.32
Operators (Heavy, Class 07B - See Notes)	5/1/2019		\$42.54	\$30.17	\$72.71
Operators (Heavy, Class 07B - See Notes)	5/1/2020		\$44.39	\$30.72	\$75.11
Operators (Heavy, Class 07B - See Notes)	5/1/2021		\$46.25	\$31.26	\$77.51
Operators (Highway, Class 01 - See Notes)	5/1/2016		\$32.16	\$22.64	\$54.80
Operators (Highway, Class 01 - See Notes)	5/1/2017		\$32.93	\$23.87	\$56.80
Operators (Highway, Class 01 - See Notes)	5/1/2018		\$34.47	\$24.33	\$58.80
Operators (Highway, Class 01 - See Notes)	5/1/2019		\$34.47	\$26.33	\$60.80
Operators (Highway, Class 01 - See Notes)	5/1/2020		\$37.56	\$25.24	\$62.80
Operators (Highway, Class 01 - See Notes)	5/1/2021		\$39.10	\$25.70	\$64.80
Operators (Highway, Class 01a - See Notes)	5/1/2017		\$35.18	\$24.56	\$59.74
Operators (Highway, Class 01a - See Notes)	5/1/2018		\$36.72	\$25.01	\$61.73
Operators (Highway, Class 01a - See Notes)	5/1/2019		\$36.72	\$27.01	\$63.73
Operators (Highway, Class 01a - See Notes)	5/1/2020		\$39.81	\$25.92	\$65.73
Operators (Highway, Class 01a - See Notes)	5/1/2021		\$41.35	\$26.38	\$67.73
Operators (Highway, Class 02 - See Notes)	5/1/2016		\$30.98	\$22.31	\$53.29
Operators (Highway, Class 02 - See Notes)	5/1/2017		\$31.75	\$23.53	\$55.28
Operators (Highway, Class 02 - See Notes)	5/1/2018		\$33.30	\$23.98	\$57.28
Operators (Highway, Class 02 - See Notes)	5/1/2019		\$33.29	\$25.99	\$59.28
Operators (Highway, Class 02 - See Notes)	5/1/2020		\$36.38	\$24.90	\$61.28
Operators (Highway, Class 02 - See Notes)	5/1/2021		\$37.93	\$25.35	\$63.28
Operators (Highway, Class 03 - See Notes)	5/1/2016		\$30.28	\$22.10	\$52.38
Operators (Highway, Class 03 - See Notes)	5/1/2017		\$31.06	\$23.32	\$54.38
Operators (Highway, Class 03 - See Notes)	5/1/2018		\$32.59	\$23.80	\$56.39
Operators (Highway, Class 03 - See Notes)	5/1/2019		\$32.59	\$25.79	\$58.38
Operators (Highway, Class 03 - See Notes)	5/1/2020		\$35.69	\$24.69	\$60.38
Operators (Highway, Class 03 - See Notes)	5/1/2021		\$37.23	\$25.16	\$62.39
Operators (Highway, Class 04 - See Notes)	5/1/2016		\$29.82	\$21.98	\$51.80
Operators (Highway, Class 04 - See Notes)	5/1/2017		\$30.60	\$23.20	\$53.80
Operators (Highway, Class 04 - See Notes)	5/1/2018		\$32.14	\$23.66	\$55.80
Operators (Highway, Class 04 - See Notes)	5/1/2019		\$32.14	\$25.66	\$57.80
Operators (Highway, Class 04 - See Notes)	5/1/2020		\$35.23	\$24.57	\$59.80
Operators (Highway, Class 04 - See Notes)	5/1/2021		\$36.77	\$25.03	\$61.80
Operators (Highway, Class 05 - See Notes)	5/1/2016		\$29.31	\$21.83	\$51.14
Operators (Highway, Class 05 - See Notes)	5/1/2017		\$30.08	\$23.06	\$53.14
Operators (Highway, Class 05 - See Notes)	5/1/2018		\$31.63	\$23.51	\$55.14
Operators (Highway, Class 05 - See Notes)	5/1/2019		\$31.63	\$25.51	\$57.14
Operators (Highway, Class 05 - See Notes)	5/1/2020		\$34.72	\$24.42	\$59.14
Operators (Highway, Class 05 - See Notes)	5/1/2021		\$36.26	\$24.87	\$61.13
Operators (Highway, Class 06 - See Notes)	5/1/2016		\$32.40	\$22.70	\$55.10
Operators (Highway, Class 06 - See Notes)	5/1/2017		\$33.17	\$23.94	\$57.11
Operators (Highway, Class 06 - See Notes)	5/1/2018		\$34.71	\$24.39	\$59.10

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Highway, Class 06 - See Notes)	5/1/2019		\$34.71	\$26.39	\$61.10
Operators (Highway, Class 06 - See Notes)	5/1/2020		\$36.25	\$26.85	\$63.10
Operators (Highway, Class 06 - See Notes)	5/1/2021		\$39.33	\$25.78	\$65.11
Operators (Highway, Class 06/A - See Notes)	5/1/2016		\$34.65	\$23.36	\$58.01
Operators (Highway, Class 06/A - See Notes)	5/1/2017		\$35.42	\$24.59	\$60.01
Operators (Highway, Class 06/A - See Notes)	5/1/2018		\$36.96	\$25.05	\$62.01
Operators (Highway, Class 06/A - See Notes)	5/1/2019		\$36.96	\$27.05	\$64.01
Operators (Highway, Class 06/A - See Notes)	5/1/2020		\$40.04	\$25.97	\$66.01
Operators (Highway, Class 06/A - See Notes)	5/1/2021		\$41.58	\$26.43	\$68.01
Operators (Highway, Class 07/A - See Notes)	5/1/2016		\$38.56	\$25.99	\$64.55
Operators (Highway, Class 07/A - See Notes)	5/1/2017		\$39.66	\$27.31	\$66.97
Operators (Highway, Class 07/A - See Notes)	5/1/2018		\$41.52	\$27.84	\$69.36
Operators (Highway, Class 07/A - See Notes)	5/1/2019		\$41.82	\$29.95	\$71.77
Operators (Highway, Class 07/A - See Notes)	5/1/2020		\$45.23	\$28.94	\$74.17
Operators (Highway, Class 07/A - See Notes)	5/1/2021		\$47.08	\$29.49	\$76.57
Operators (Highway, Class 07/B - See Notes)	5/1/2016		\$37.17	\$25.57	\$62.74
Operators (Highway, Class 07/B - See Notes)	5/1/2017		\$38.25	\$26.89	\$65.14
Operators (Highway, Class 07/B - See Notes)	5/1/2018		\$40.10	\$27.44	\$67.54
Operators (Highway, Class 07/B - See Notes)	5/1/2019		\$40.41	\$29.53	\$69.94
Operators (Highway, Class 07/B - See Notes)	5/1/2020		\$43.81	\$28.53	\$72.34
Operators (Highway, Class 07/B - See Notes)	5/1/2021		\$45.66	\$29.08	\$74.74
Painters Class 2 (see notes)	5/1/2020		\$31.53	\$20.71	\$52.24
Painters Class 3 (see notes)	5/1/2019		\$37.05	\$20.04	\$57.09
Painters Class 3 (see notes)	5/1/2020		\$37.63	\$20.71	\$58.34
Pile Driver Divers (Building, Heavy, Highway)	1/1/2017		\$49.13	\$17.95	\$67.08
Pile Driver Divers (Building, Heavy, Highway)	1/1/2020		\$53.10	\$19.70	\$72.80
Pile Driver Divers (Building, Heavy, Highway)	1/1/2021		\$54.75	\$20.10	\$74.85
Pile Driver Divers (Building, Heavy, Highway)	3/1/2022		\$56.40	\$20.50	\$76.90
Piledrivers	1/1/2017		\$32.75	\$17.95	\$50.70
Piledrivers	1/1/2018		\$33.55	\$18.55	\$52.10
Piledrivers	5/1/2018		\$30.75	\$15.96	\$46.71
Piledrivers	3/1/2019		\$34.30	\$19.30	\$53.60
Piledrivers	5/1/2019		\$31.51	\$16.55	\$48.06
Piledrivers	5/1/2020		\$32.22	\$17.19	\$49.41
Piledrivers	5/1/2021		\$33.12	\$17.74	\$50.86
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2017		\$40.98	\$32.53	\$73.51
Truckdriver class 1(see notes)	5/1/2016		\$33.57	\$0.00	\$33.57
Truckdriver class 1(see notes)	5/1/2017		\$34.47	\$0.00	\$34.47
Truckdriver class 1(see notes)	5/1/2018		\$35.32	\$0.00	\$35.32
Truckdriver class 1(see notes)	5/1/2019		\$36.12	\$0.00	\$36.12
Truckdriver class 2 (see notes)	5/1/2016		\$33.64	\$0.00	\$33.64
Truckdriver class 2 (see notes)	5/1/2017		\$34.54	\$0.00	\$34.54
Truckdriver class 2 (see notes)	5/1/2018		\$35.39	\$0.00	\$35.39
Truckdriver class 2 (see notes)	5/1/2019		\$36.19	\$0.00	\$36.19

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 21-02675 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Truckdriver class 3 (see notes)	5/1/2016		\$34.13	\$0.00	\$34.13
Truckdriver class 3 (see notes)	5/1/2017		\$35.03	\$0.00	\$35.03
Truckdriver class 3 (see notes)	5/1/2018		\$35.88	\$0.00	\$35.88
Truckdriver class 3 (see notes)	5/1/2019		\$36.68	\$0.00	\$36.68

LIGHTING SYSTEM ANALYSIS						
SITE	PRE-ANN-KWH	PST-ANN-KWH	ANN-KWH SAVED	% SAVED	ANN-\$ SAVED	
CITY HALL	135951	43277	92674	68%	\$ 6,509	
DPW GARAGE	42795	13675	29120	68%	\$ 1,986	
POLICE HQ	100045	27311	72735	73%	\$ 5,174	
SCR FIRE HQ	58522	20678.4	37843	65%	\$ 2,658	
ENGINE-2 PITSTON AVE	19600	4829	14771	75%	\$ 1,174	
ENGINE-4 N. MAIN AVE	12818	6053	6765	53%	\$ 561	
ENGINE-7 LUZERNE ST	19498	6153	13345	68%	\$ 1,075	
ENGINE-8 MARKET ST	21084	5963	15121	72%	\$ 1,209	
ENGINE-10 E. MOUNTAIN ROAD	12486	3241	9244	74%	\$ 768	
RESCUE-1	31167	8762	22405	72%	\$ 1,847	
				TOTAL ANN SAVINGS	\$ 22,960	
				TOTAL 5YR SAVINGS	\$ 114,799	

TOTAL POTENTIAL REBATE @ .05 PER KWH SAVED \$ 15,701

TOTAL FIXTURES 1410

SPOT-MONTH UTILITY BILL RATE ANALYSIS

SITE	DISTRIBUTION	GEN/TRANS	ACCOUNT	MONTH	CURRENT CHARGE	KWH USED	KWH COST	
CITY HALL	PPL	CHAMPION ENERGY SVCS	40981-19007	9/30/2020	\$ 4,202.66	59840	\$ 0.0702	
DPW GARAGE	PPL	CHAMPION ENERGY SVCS	87016-83005	9/21/2020	\$ 2,836.80	41600	\$ 0.0682	
POLICE HQ	PPL	CHAMPION ENERGY SVCS	95111-53002	10/1/2020	\$ 2,856.82	40160	\$ 0.0711	
SCR FIRE HQ		THIS BUILDING IS ON WITH THE CITY HALL BILL						
ENGINE-2 PITTSTON AVE	PPL	CHAMPION ENERGY SVCS	94331-08009	9/23/2020	\$ 312.27	3930	\$ 0.0795	
ENGINE-4 N. MAIN AVE	PPL	CHAMPION ENERGY SVCS	74641-16002	10/9/2020	\$ 330.05	3982	\$ 0.0829	
ENGINE-7 LUZERNE ST	PPL	CHAMPION ENERGY SVCS	13591-30001	10/1/2020	\$ 352.26	4373	\$ 0.0806	
ENGINE-8 MARKET ST	PPL	CHAMPION ENERGY SVCS	31101-12003	9/18/2020	\$ 300.50	3759	\$ 0.0799	
ENGINE-10 E. MOUNTAIN ROAD	PPL	CHAMPION ENERGY SVCS	51731-12005	9/23/2020	\$ 223.17	2686	\$ 0.0831	
RESCUE-1	PPL	CHAMPION ENERGY SVCS	13691-08002	9/18/2020	\$ 404.90	4911	\$ 0.0824	

SEABORTON CITY HALL

PRE-EXISTING SYSTEM

PHYSICAL LOCATION

FLOOR PLAN

FIRE ALARM TYPE

FIRE WATER PER LAMP

ANNUAL HOURS

EST. QTY

EST. PRICE

EST. QTY

POST-PROJECT SYSTEM

POST-PROJECT SYSTEM

POST-PROJECT SYSTEM

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PERMITS	33	2X4x176	37	4	2600	10924.4	33	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	3086.8	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
PERMITS	3	2X4x176	37	3	2600	2445.6	1	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	307	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
PERMITS	3	2X4x176	37	3	2600	2445.6	5	REVISIONS	LED TYPE-B RETROFIT KIT	LED RETROFIT	30	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
CONTRACTOR'S OFFICE	3	4'x176 STRIP	32	2	2600	495.2	3	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	30	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
DIRECTOR'S OFFICE	4	2X4x176	32	4	2600	1331.2	4	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	4	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
BASEMENT ELEVATOR	3	4'x176	32	1	2600	249.6	3	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	8	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
EVIDENCE	8	2X4x176	32	4	2600	2692.4	6	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	2	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
REST ROOM	1	4'x176	32	4	2600	165.4	7	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
HALL	16	2X4x176	32	4	2600	5324.8	5	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
HALL	22	2X4x176	32	4	2600	3603.6	7	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MEETING	15	2X4x176	32	4	2600	652.6	11	REVISIONS	LED TYPE-B RETROFIT KIT	LED RETROFIT	30	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
DEDICATED STORAGE	4	2X2x176	32	2	2600	332.8	4	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
DEDICATED STORAGE	1	2X4x176	32	2	2600	166.4	1	REVISIONS	LED TYPE-B RETROFIT KIT	LED RETROFIT	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
REST ROOM	1	4'x176	32	2	2600	652.6	1	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MUSEUM OFFICE	4	2X4x176	32	4	2600	332.8	4	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MUSEUM OFFICE	4	2X4x176	32	4	2600	652.6	4	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MUSEUM OFFICE	4	2X4x176	32	4	2600	4653.2	4	REVISIONS	LED TYPE-B RETROFIT KIT	LED RETROFIT	30	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MUSEUM OFFICE	4	2X4x176	32	4	2600	166.4	4	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
RAILROAD ROOM	1	2X2x176	32	2	2600	332.8	1	REVISIONS	LED TYPE-B RETROFIT KIT	LED RETROFIT	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
RAILROAD ROOM	1	2X2x176	32	2	2600	166.4	1	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
OFFICE	2	4'x176	32	4	2600	332.8	2	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
OFFICE	2	4'x176	32	4	2600	332.8	2	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
MANITANCE OFFICE	6	2X4x176	32	4	2600	1996.8	2	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
BOILER ROOM	6	4'x176	32	4	2600	998.4	6	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W
WATER HEATER ROOM	2	4'x176	32	2	2600	332.8	8	REVISIONS	LED TYPE-B RETROFIT	LED TYPE-B	9	KL-LED018-485-840-DX2 & KI-SOCKELET18-LS-2-W

PHYSICAL LOCATION	PRE-EXISTING SYSTEM				POST-PROPOSED SYSTEM				CUT SHEETS				
	FIXTURE QTY	PRE-FIXT TYPE	PRE LAMP TYPE	PRE WATTS PER LAMP	PRE LAMP QTY	PRE ANNUAL KW/H	FIXTURE QTY	PROPOSED MEASURE		POST-BRAND	POST LAMP TYPE	POST WATTS PER LAMP	POST LAMP QTY
TRAFFIC	3	8-TAND-TR-STRIP	LINEAR FL	32	4	360	1232.04	3	KEYSTONE	LED TYPE-B RETROFIT	9	4	391.12
TRAFFIC	2	4-TL-STRIP	LINEAR FL	32	2	360	429.52	2	KEYSTONE	LED TYPE-B RETROFIT	9	2	181.04
MAIN GARAGE	5	8-TL-STRIP	LINEAR HO FL	110	2	360	429.52	5	KEYSTONE	LED TYPE-B RETROFIT	35	4	181.04
PAINTS ROOM	1	6-TAND-TR-STRIP	LINEAR FL	91	4	360	407.68	1	KEYSTONE	LED TYPE-B RETROFIT	35	2	364
PAINTS ROOM	1	2-TL-STRIP	LINEAR FL	17	2	360	251.2	1	KEYSTONE	LED TYPE-B RETROFIT	7	2	90.96
PAINTS ROOM	1	4-TL-STRIP	LINEAR FL	34	4	360	636.08	1	KEYSTONE	LED TYPE-B RETROFIT	9	4	231.04
UPSTAIRS	16	4-TL-STRIP	LINEAR FL	32	4	360	2448.16	16	KEYSTONE	LED TYPE-B RETROFIT	9	2	1048.92
MILE L OFFICE	6	2X4-3L78-DUAL-SW	LINEAR FL	32	4	360	2448.16	6	KEYSTONE	LED TYPE-B RETROFIT	9	4	786.24
ELEC RM. CLOSET	4	4-TL-STRIP	LINEAR FL	32	2	360	850.04	4	KEYSTONE	LED TYPE-B RETROFIT	9	2	262.08
OFFICE HALL	10	2X4-3L78	LINEAR FL	32	2	360	2147.6	10	KEYSTONE	LED TYPE-B RETROFIT	9	2	653.2
OFFICE HALL	1	4-TL-STRIP	LINEAR FL	32	2	360	2147.6	1	KEYSTONE	LED TYPE-B RETROFIT	9	2	653.2
OFFICE HALL	6	2X4-AL712	LINEAR FL	32	4	360	3736.48	6	KEYSTONE	LED TYPE-B RETROFIT	9	4	786.24
MEK ROOM	13	4-TL-STRIP	LINEAR FL	32	2	360	2191.88	13	KEYSTONE	LED TYPE-B RETROFIT	9	2	651.76
BREAK ROOM	12	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	3722.8	12	KEYSTONE	LED TYPE-B RETROFIT	9	3	1179.36
DISPATCH	4	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	1237.6	4	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
OFFICE	4	RECESS CAN-OPIN	OPIN CFL	26	1	360	378.56	4	KEYSTONE	LED TYPE-B RETROFIT	9	1	116.48
OFFICE	2	2X4-3L78	LINEAR FL	32	3	360	2165.6	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
ENTRANCE	7	2X4-3L78	LINEAR FL	32	3	360	2165.6	7	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
ENTRANCE	2	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	618.8	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
COCKLE AREA	22	2X4-3L78-DUAL-SW	LINEAR FL	32	5	360	6405.8	22	KEYSTONE	LED TYPE-B RETROFIT	9	5	1865.6
HALL	2	2X2-Z-F40BX	OPIN FL	40	2	360	582.4	2	UTERONICS	LED RETROFIT KIT	30	1	214.4
RESTROOMS	1	2X4-3L78	LINEAR FL	32	3	360	618.8	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
CLOSET	2	4-TL-STRIP	LINEAR FL	32	2	360	435.2	2	KEYSTONE	LED TYPE-B RETROFIT	9	2	181.04
MAINTENANCE OFFICE	5	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	1547	5	KEYSTONE	LED TYPE-B RETROFIT	9	3	491.4
WOMEN'S LOCKER RM	5	4-TL-STRIP	LINEAR FL	32	2	360	1073.6	5	KEYSTONE	LED TYPE-B RETROFIT	9	2	327.6
WOMEN'S LOCKER RM	1	4-TL-STRIP	LINEAR FL	32	4	360	407.68	1	KEYSTONE	LED TYPE-B RETROFIT	9	4	321.04
STORAGE CLOSET	1	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	399.4	1	KEYSTONE	LED TYPE-B RETROFIT	9	3	99.28

PHYSICAL LOCATION	FIXTURE QTY	PRE-FIXT TYPE	PRE LAMP TYPE	PRE WATTS PER LAMP	PRE LAMP QTY	PRE ANNUAL KW/H	FIXTURE QTY	PROPOSED MEASURE	POST-BRAND	POST LAMP TYPE	POST WATTS PER LAMP	POST LAMP QTY	POST ANNUAL KW/H
TRAFFIC	3	8-TAND-TR-STRIP	LINEAR FL	32	4	360	1232.04	3	KEYSTONE	LED TYPE-B RETROFIT	9	4	391.12
TRAFFIC	2	4-TL-STRIP	LINEAR FL	32	2	360	429.52	2	KEYSTONE	LED TYPE-B RETROFIT	9	2	181.04
MAIN GARAGE	5	8-TL-STRIP	LINEAR HO FL	110	2	360	429.52	5	KEYSTONE	LED TYPE-B RETROFIT	35	4	181.04
PAINTS ROOM	1	6-TAND-TR-STRIP	LINEAR FL	91	4	360	407.68	1	KEYSTONE	LED TYPE-B RETROFIT	35	2	364
PAINTS ROOM	1	2-TL-STRIP	LINEAR FL	17	2	360	251.2	1	KEYSTONE	LED TYPE-B RETROFIT	7	2	90.96
PAINTS ROOM	1	4-TL-STRIP	LINEAR FL	34	4	360	636.08	1	KEYSTONE	LED TYPE-B RETROFIT	9	4	231.04
UPSTAIRS	16	4-TL-STRIP	LINEAR FL	32	4	360	2448.16	16	KEYSTONE	LED TYPE-B RETROFIT	9	2	1048.92
MILE L OFFICE	6	2X4-3L78-DUAL-SW	LINEAR FL	32	4	360	2448.16	6	KEYSTONE	LED TYPE-B RETROFIT	9	4	786.24
ELEC RM. CLOSET	4	4-TL-STRIP	LINEAR FL	32	2	360	850.04	4	KEYSTONE	LED TYPE-B RETROFIT	9	2	262.08
OFFICE HALL	10	2X4-3L78	LINEAR FL	32	2	360	2147.6	10	KEYSTONE	LED TYPE-B RETROFIT	9	2	653.2
OFFICE HALL	1	4-TL-STRIP	LINEAR FL	32	2	360	2147.6	1	KEYSTONE	LED TYPE-B RETROFIT	9	2	653.2
OFFICE HALL	6	2X4-AL712	LINEAR FL	32	4	360	3736.48	6	KEYSTONE	LED TYPE-B RETROFIT	9	4	786.24
MEK ROOM	13	4-TL-STRIP	LINEAR FL	32	2	360	2191.88	13	KEYSTONE	LED TYPE-B RETROFIT	9	2	651.76
BREAK ROOM	12	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	3722.8	12	KEYSTONE	LED TYPE-B RETROFIT	9	3	1179.36
DISPATCH	4	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	1237.6	4	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
OFFICE	4	RECESS CAN-OPIN	OPIN CFL	26	1	360	378.56	4	KEYSTONE	LED TYPE-B RETROFIT	9	1	116.48
OFFICE	2	2X4-3L78	LINEAR FL	32	3	360	2165.6	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
ENTRANCE	7	2X4-3L78	LINEAR FL	32	3	360	2165.6	7	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
ENTRANCE	2	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	618.8	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
COCKLE AREA	22	2X4-3L78-DUAL-SW	LINEAR FL	32	5	360	6405.8	22	KEYSTONE	LED TYPE-B RETROFIT	9	5	1865.6
HALL	2	2X2-Z-F40BX	OPIN FL	40	2	360	582.4	2	UTERONICS	LED RETROFIT KIT	30	1	214.4
RESTROOMS	1	2X4-3L78	LINEAR FL	32	3	360	618.8	2	KEYSTONE	LED TYPE-B RETROFIT	9	3	391.12
CLOSET	2	4-TL-STRIP	LINEAR FL	32	2	360	435.2	2	KEYSTONE	LED TYPE-B RETROFIT	9	2	181.04
MAINTENANCE OFFICE	5	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	1547	5	KEYSTONE	LED TYPE-B RETROFIT	9	3	491.4
WOMEN'S LOCKER RM	5	4-TL-STRIP	LINEAR FL	32	2	360	1073.6	5	KEYSTONE	LED TYPE-B RETROFIT	9	2	327.6
WOMEN'S LOCKER RM	1	4-TL-STRIP	LINEAR FL	32	4	360	407.68	1	KEYSTONE	LED TYPE-B RETROFIT	9	4	321.04
STORAGE CLOSET	1	2X4-3L78-DUAL-SW	LINEAR FL	32	3	360	399.4	1	KEYSTONE	LED TYPE-B RETROFIT	9	3	99.28

SCENARIO FIRE DEPARTMENT HEADQUARTERS										CUT SHEETS									
PIE EXISTING SYSTEM					PIE PROPOSED SYSTEM					PIE EXISTING SYSTEM					PIE PROPOSED SYSTEM				
PHYSICAL LOCATION	FIXTURE QTY	PIE FIXTURE	PIE LAMP TYPE	PIE WATTS PER LAMP	PIE LAMP QTY	ANNUAL HOURS	PRE ANNUAL KW/H	PST-QTY	PST-BRAND	POST FIXTURE TYPE	POST LED FIXTURE	POST LED FIXTURE	PST WATTS PER LAMP	PST LAMP QTY	PST ANNUAL KW/H				
BACK GARAGE	4	HID FIXTURE	HID-BROUSIL	400	4	3600	5760	4	ETHERNUM	LED LOWWAY 40K	REVI LED FKT	80	4	1152					
BACK GARAGE	1	2X4 ALTB	LINEAR FL	32	2	3600	230.4	1	KEystone	LED RETROFIT KIT	LED RETROFIT	30	1	108					
MAIN TRUCK BAY	29	2X4 ALTB	LINEAR FL	32	4	3600	2304.0	29	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	18.5	4	7725.6					
BACK BATHROOM	2	4" 2L TB WRAP	LINEAR FL	32	2	3600	460.8	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	129.6					
LAUNDRY	2	2X4 3L TB	LINEAR FL	32	3	3600	691.2	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	3	104.4					
GARAGE STORAGE	4	4" 2L TB STRIP	LINEAR FL	32	4	3600	1843.2	4	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	18.5	4	1056.6					
MEZZANINE	4	4" 2L TB STRIP	LINEAR FL	32	2	3600	921.6	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	129.6					
ATTIC STORAGE	2	4" 2L TB WRAP	LINEAR FL	32	2	3600	460.8	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	129.6					
BOILER ROOM	5	4" 2L TB STRIP	LINEAR FL	32	2	3600	1152	5	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	64.8					
BACK STAIRWELL	1	4" 2L TB WRAP	LINEAR FL	32	2	3600	230.4	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	30.8					
HALL	6	4" 2L TB WRAP	LINEAR FL	32	2	3600	1382.4	6	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	907.2					
FIRE CHIEF OFFICE	4	2X4 ALTB	LINEAR FL	32	4	3600	1843.2	4	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	518.4					
DEPUTY CHIEF OFFICE	13	2X4 ALTB	LINEAR FL	32	4	3600	5500.4	13	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	1684.8					
FIRE INSPECTORS	1	4" 2L TB WRAP	LINEAR FL	32	2	3600	230.4	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	64.8					
BATHROOM	1	4" 2L TB WRAP	LINEAR FL	32	2	3600	230.4	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	64.8					
BATHROOM	1	4" 2L TB WRAP	LINEAR FL	32	2	3600	230.4	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	64.8					
LOCKER ROOM	6	2X4 ALTB	LINEAR FL	32	4	3600	10598.4	6	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	777.6					
DORM/AV/INTSWITCH	29	2X4 ALTB	LINEAR FL	32	2	3600	460.8	29	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	2980.8					
STAIRWELL TO 3RD FL	2	4" 2L TB VARIETY	LINEAR FL	32	2	3600	460.8	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	129.6					
STAIRWELL TO 3RD FL	1	4" 2L TB VARIETY	LINEAR FL	32	2	3600	230.4	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	129.6					
TRAINING RM	25	2X4 ALTB	LINEAR FL	32	2	3600	5760	25	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	1820					
STORAGE	2	4" 2L TB WRAP	LINEAR FL	32	2	3600	460.8	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	259.2					
SUPPLY ROOM	0	NOT PART OF SCOPE	N/A	0	0	0	0	0	N/A	N/A	N/A	0	0	0					
CLOTHING ROOM	0	NOT PART OF SCOPE	N/A	0	0	0	0	0	N/A	N/A	N/A	0	0	0					
UNUSED ROOMS	0	NOT PART OF SCOPE	N/A	0	0	0	0	0	N/A	N/A	N/A	0	0	0					

ENGINE # PITSTON AVE

PNE-EXISTING SYSTEM										POST-PROPOSED SYSTEM									
PHYSICAL LOCATION	FIXTURE QTY	FIXTURE TYPE	PRE WATT PER LAMP	PRE LAMP QTY	ANNUAL HOURS	PRE ANNUAL KWHR	PST-QTY	PST-BRAND	POST-FIXT TYPE	POST-TYPE	PST-WATT PER LAMP	PST-LAMP QTY	PST-ANNUAL KWHR	CUT SHEETS					
TY AREA	8	6" RECESSED CAN LIGHT	15	1	3600	436.8	8	N/A	NO ACTION	N/A	15	1	436.8	EXISTING ITEM IS LED					
KITCHEN	9	6" RECESSED CAN LIGHT	15	1	3600	436.8	3	N/A	NO ACTION	N/A	15	1	163.8	EXISTING ITEM IS LED					
KITCHEN	2	PANTRY TRACKHEAD	65	1	3600	473.2	2	MB	COMMERCIAL LED LAMP	PANTRY LED	15	1	138.2	PANTRY-19-516-840-ND-120-217V					
KITCHEN	4	A19 LAMP	60	1	3600	873.6	4	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	225.76	A19-5-516-840-ND-120-217V					
RANGE HOOD	1	A19 LAMP	23	1	3600	83.72	1	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	30.94	A19-5-516-840-ND-120-217V					
HALL	4	6" RECESSED CAN LIGHT	15	1	3600	216.4	4	N/A	NO ACTION	N/A	15	1	216.4	EXISTING ITEM IS LED					
HALL	3	SUNF. FIXTURE 12" A19	60	2	3600	130.4	3	MB	COMMERCIAL LED LAMP	A19 LED	6.5	2	485.64	A19-5-516-840-ND-120-217V					
SLEEPING AREA	3	SUNF. FIXTURE 12" A19	60	2	3600	130.4	3	MB	COMMERCIAL LED LAMP	A19 LED	6.5	2	185.64	A19-5-516-840-ND-120-217V					
SLEEPING AREA	1	A19 LAMP	60	1	3600	216.4	1	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	30.94	A19-5-516-840-ND-120-217V					
SLEEPING AREA	2	SUNF. FIXTURE 12" A19	60	2	3600	873.6	2	MB	COMMERCIAL LED LAMP	A19 LED	6.5	2	225.76	A19-5-516-840-ND-120-217V					
SLEEPING AREA	1	A19 LAMP	60	1	3600	216.4	1	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	30.94	A19-5-516-840-ND-120-217V					
RESTROOM/LOCKERS	2	4.2L12 HO. STRIP	110	2	3600	1716.8	2	KEystone	R' STRIP RETROFIT KIT	RETROFIT LED	55	1	400.4	KEystone-55-140-30MM					
RESTROOM/LOCKERS	2	4.2L12 STR.	34	2	3600	626.08	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	434.04	KEystone-9-140-302 & KEystone-9-140-302					
RESTROOM/LOCKERS	2	A19 LAMP	60	1	3600	436.8	2	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	61.48	A19-5-516-840-ND-120-217V					
RESTROOM/LOCKERS	2	4.2L12 CHAIRREL	34	2	3600	626.08	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	234.04	KEystone-9-140-302 & KEystone-9-140-302					
RESTROOM/LOCKERS	2	6" RECESSED CAN LIGHT	15	2	3600	109.2	2	N/A	NO ACTION	N/A	15	1	109.2	EXISTING ITEM IS LED					
TRUCK BAY	10	4.2L12 HO. STRIP	55	2	3600	805.2	10	KEystone	4" STRIP RETROFIT KIT	RETROFIT LED	32	1	2096.64	KEystone-32-140-30MM					
TRUCK BAY	1	4.2L12 HO. CHAIRREL	110	2	3600	455.4	1	KEystone	R' STRIP RETROFIT KIT	RETROFIT LED	55	1	200.2	KEystone-55-140-30MM					
BASEMENT	7	A19 LAMP	60	1	3600	216	7	MB	COMMERCIAL LED LAMP	A19 LED	6.5	1	28.73	A19-5-516-840-ND-120-217V					

ENGINE 04 NORTH MAIN AVE

CUT SHEETS

PHYSICAL LOCATION	EXISTING SYSTEM				PROPOSED SYSTEM				CUT SHEETS				
	FIXTURE QTY	ONE FIXTURE TYPE	PRELAMP TYPE	PRELAMP TYPE	PRE-WATTS PER LAMP	PRE-LAMP QTY	ANNUAL HOURS	PRE-ANNUAL KW/H		POST-FIXTURE TYPE	POST-FIXTURE TYPE	POST-WATTS PER LAMP	PST LAMP QTY
BREAK AREA	3	2'x4-3/16 PWS	LINEAR FL	LINEAR FL	32	3	3600	328.20	KEYSTONE	LED TYPE-B RETROFIT	9	3	357.74
TRUCK BAY	11	4'x21-1/2 HO. STR	LINEAR HO FL	LINEAR HO FL	110	2	3600	3443.44	ETHERNUM	LED LOW BAY 40K	80	1	3203.70
SLEEPING AREA	2	4'x21-1/2 HO. STR	LINEAR FL	LINEAR FL	34	2	3600	676.00	KEYSTONE	LED TYPE-B RETROFIT	9	2	236.49
SLEEPING AREA	4	4'x21-1/2 HO. STR	LINEAR HO FL	LINEAR HO FL	110	2	3600	3421.60	ETHERNUM	NEW 4' LED STRIP EKTURE	40	1	592.40
BREAK ROOM	4	4'x21-1/2 HO. STR	LINEAR FL	LINEAR FL	34	2	3600	676.00	KEYSTONE	LED TYPE-B RETROFIT	9	2	236.49
LOCKER ROOM	6	4'x21-1/2 HO. STR	LINEAR FL	LINEAR FL	32	2	3600	652.04	KEYSTONE	LED TYPE-B RETROFIT	9	2	236.49
OFFICE	3	2'x4-3/16 PWS	LINEAR FL	LINEAR FL	32	2	3600	1288.56	KEYSTONE	LED TYPE-B RETROFIT	9	2	236.49
OFFICE	3	2'x4-3/16 PWS	LINEAR FL	LINEAR FL	34	2	3600	676.00	KEYSTONE	LED TYPE-B RETROFIT	9	4	476.99
OFFICE	2	2'x4-3/16 PWS	LINEAR FL	LINEAR FL	34	2	3600	1252.16	KEYSTONE	LED TYPE-B RETROFIT	9	4	476.99
PERFORMANCE ROOM	2	4'x21-1/2 HO. STR	A-BASE LAMP	A-BASE LAMP	60	1	5100	607.00	PAR	COMMERCIAL LED LAMP	8.5	1	2.13

ENGINE BY LUZERN EST

PHYSICAL LOCATION	PRE-EXISTING SYSTEM							POST-PROPOSED SYSTEM							CUT SHEETS
	FIXTURE QTY	PRE EXST TYPE	PRE LAMP TYPE	PRE WATS PER LAMP	PRE LAMP QTY	ARRIVAL HOURS	PRE ANNUAL RWHT	FIXTURE QTY	FST-BRAND	PROPOSED MEASURE	FST LAMP TYPE	FST WATS PER LAMP	FST LAMP QTY	FST ANNUAL RWHT	
BREAK/KITCHEN	3	2X4 ALTR PARA	LINEAR FL	32	4	3540	123.04	3	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	393.12	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
TV ROOM	4	2X4 ALTR PAYS	LINEAR FL	32	4	3540	1630.72	4	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	524.16	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
SLEEPING AREA	4	2X4 ALTR PAYS	LINEAR FL	32	4	3540	1630.72	4	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	524.16	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
REST ROOM	3	2X4 ALTR PARA	LINEAR FL	32	4	3540	1232.04	3	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	393.12	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
REST ROOM	2	4'x12'LV VARIETY	LINEAR FL	32	2	3540	429.52	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	181.04	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
SHOWER	2	AB9 IIC LAMP	INCANDESCENT	60	1	3540	436.8	2	RAM	COMMERCIAL LED LAMP	A19 LED	8.5	1	61.88	A19-S-5.5-E-800-RO-119-217V
HALL	1	2X2 UL12 PRVS	U-LAMP FL	34	2	3540	313.64	1	ETHERIUM	2X2 LED FLAT PANEL FIXT	NEW LED FIXT	30	4	108.2	ETH-30W-6E-24-7C-01
SLEEPING ROOM	1	2X4 ALTR PARA	LINEAR FL	32	4	3540	497.68	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	4	131.04	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
TRUCK BAY	10	8'x12'12-HO-STR	LINEAR HO FL	110	2	3540	8354	10	ETHERIUM	LED LOWBAY FIXT	NEW LED FIXT	80	4	291.2	ETH-80W-6E-24-7C-01
TRUCK BAY	2	4'x12'12-VAN	LINEAR FL	34	2	3540	626.08	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	181.04	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
OFFICE	2	4'x12'12-STR	LINEAR FL	34	2	3540	626.08	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	181.04	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
LAUNDRY	2	2X2 UL12 PRVS	U-LAMP FL	34	2	3540	626.08	2	ETHERIUM	2X2 LED FLAT PANEL FIXT	NEW LED FIXT	30	1	218.4	ETH-30W-6E-24-7C-01
STORAGE	1	RNB CANOPY	INCANDESCENT	60	1	500	30	1	RAM	COMMERCIAL LED LAMP	A19 LED	8.5	1	4.25	A19-S-5.5-E-800-RO-119-217V
STORAGE	1	RNB CANOPY	INCANDESCENT	60	1	500	30	1	RAM	COMMERCIAL LED LAMP	A19 LED	8.5	1	4.25	A19-S-5.5-E-800-RO-119-217V
MAIN ENTRY	2	BURR 2X4 UL12 PRVS	U-LAMP FL	34	2	3540	626.08	2	ETHERIUM	2X2 LED FLAT PANEL SVRF KIT	NEW LED FIXT	30	1	218.4	ETH-30W-6E-24-7C-01-4R-3NK
OFFICE	1	4'x12'12-VANP	LINEAR FL	34	2	3540	313.04	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	65.52	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
MECHANICAL ROOM	2	2X4 ALTR PARA	LINEAR FL	32	2	3540	436.52	2	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	181.04	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
MECHANICAL ROOM	1	4'x12'12-HO-STR	LINEAR FL	34	2	3540	313.04	1	KEystone	LED TYPE-B RETROFIT	LED TYPE-B	9	2	65.52	KT-LED01R-4RG-400-DX2 & KT-SOCKET-TU-S-2-W
STORAGE	1	RNB CANOPY	INCANDESCENT	60	1	500	30	1	KEystone	COMMERCIAL LED LAMP	A19 LED	8.5	1	4.25	A19-S-5.5-E-800-RO-119-217V

ENGINE #8 MARKET ST										CUT SHEETS			
PHYSICAL LOCATION	FIXTURE QTY	PRE-EXISTING SYSTEM				ANNUAL HOURS	PRE ANNUAL KWH	PST-QTY	POST PROPOSED SYSTEM				
		PRE FIXTURE TYPE	PRE LAMP TYPE	PRE WATTS PER LAMP	PRE LAMP QTY				POST FIXTURE TYPE	POST LAMP TYPE	POST WATTS PER LAMP	POST LAMP QTY	PST ANNUAL KWH
TRUCK BAY	9	8' 2L12L HO CHANNEL	LINEAR HO FL	110	3640	7698.6	9	ETHERNUM	LED LOWWAY 40K	NEW LED FIXT	80	726.8	ETH-800-40W-4H
TRUCK BAY	2	4' 2L12L HO CHANNEL	LINEAR HO FL	110	3640	1710.4	0	N/A	PERMANENT REMOVAL	N/A	0	0	REMOVE AND SAVE OFF BRANCH CIRCUIT
TRUCK BAY	2	4' 2L12L HO CHANNEL	LINEAR HO FL	32	3640	923.52	2	KEYSTONE	LED TYPE-B RETROFIT	LED TYPE-B	9	131.04	KL-LED12-45-840-DX2 & KL-SOX-LED12-45-2-W
GEAR STORAGE	1	4' 2L12L HO STRIP	LINEAR HO FL	110	500	173.5	1	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	15	ETH-30W-65-28-16-01
GYM/SLEEPING AREA	4	4' 2L12L HO STRIP	LINEAR HO FL	110	3640	9421.6	8	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	873.6	ETH-30W-65-28-16-01
REST ROOM	2	4' 2L12L HO STRIP	LINEAR HO FL	110	3640	1710.4	4	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	436.8	ETH-30W-65-28-16-01
REST ROOM	2	4' 2L12L VARIETY	LINEAR FL	32	3640	429.52	2	KEYSTONE	LED TYPE-B RETROFIT	LED TYPE-B	9	131.04	KL-LED12-45-840-DX2 & KL-SOX-LED12-45-2-W
MECH ROOM	3	4' 2L12L INDUSTRIAL STRIP	LINEAR FL	32	3640	644.28	2	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	216.4	ETH-30W-65-28-16-01
TV ROOM	3	4' 2L12L HO STRIP	LINEAR HO FL	110	3640	2586.2	6	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	855.2	ETH-30W-65-28-16-01
KITCHEN	1	4' 2L12L HO STRIP	LINEAR HO FL	110	3640	855.4	4	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	436.8	ETH-30W-65-28-16-01
KITCHEN	1	4' 2L12L STRIP	LINEAR FL	32	3640	214.76	1	ETHERNUM	4' STRIP RETROFIT KIT	NEW LED FIXT	30	109.2	KL-RK12-45-840-VDIM
MAN/ENTRY	2	4' 2L12L STRIP	LINEAR FL	32	3640	429.52	1	KEYSTONE	4' STRIP RETROFIT KIT	RETROFIT LED	32	116.48	KL-SOX-LED12-45-2-W
OFFICE	1	8' 2L12L HO STRIP	LINEAR HO FL	110	3640	853.4	2	ETHERNUM	2X2 LED FLAT PANEL	NEW LED FIXT	30	216.4	ETH-30W-65-28-16-01

NOTICE TO BIDDERS: THE MAJORITY OF THE CEILING IN THIS LOCATION ARE 2X2 DROP CEILING, EACH OF THE 2X2 FLAT PANEL POST MEASURES WILL REQUIRE SOME ADDITIONAL WIRING AND LABOR

ENGINE RD EAST MOUNTAIN ROAD

PHYSICAL LOCATION	FIXTURE QTY	PRE-EXISTING SYSTEM					PRE-LAMP QTY	PRE WATTS PER LAMP	PRE ANNUAL kWh	PRE-EXISTING SYSTEM	POST PROPOSED SYSTEM	POST LAMP QTY	POST WATTS PER LAMP	POST ANNUAL kWh	CUT SHEETS
		PRE FIXT TYPE	PRE LAMP TYPE	PRE LAMP TYPE	PRE WATT TYPE	PRE WATT TYPE									
TRUCK BAY	6	4'x12' HO STRIP	LINEAR HO FL	55	2	3640	398.4	6	ETHERLUM	LED LOW BAY 40K	1	80	5747.2	EH-802-80V-1K	
TRUCK BAY	4	4'x12' HO STRIP	LINEAR HO FL	55	2	3640	398.6	4	N/A	PERMANENT REMOVAL	0	0	0	CONVERT LAYOUT TO 2 ROWS OF 2 FIXTURES	
TRUCK BAY	1	4'x12' HO STRIP - WALL MT	LINEAR HO FL	55	2	3640	491.4	1	N/A	PERMANENT REMOVAL	0	0	0	REMOVE AND TAKE OFF BRANCH CIRCUIT	
KITCHEN	4	4'x12' HO STRIP	LINEAR HO FL	110	2	3640	65.4	1	KEYSTONE	1/2 STRIP RETROFIT KIT	1	55	200.2	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
KITCHEN	4	CEILING CAN (Q-14) LAMPS	ALU INC	69	4	3640	85.4	4	RAM	COMMERCIAL LED LAMP	4	6.5	495.04	AP-5-5-2-FE-80-R10-108-27V	
LAUNDRY	1	4'x12' HO STRIP	LINEAR HO FL	110	2	3640	65.4	1	KEYSTONE	1/2 STRIP RETROFIT KIT	1	55	200.2	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
HALL	1	2x4x12R PYS	LINEAR FL	32	4	3640	407.68	1	KEYSTONE	1/2 STRIP RETROFIT	4	9	191.04	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
RESTROOM	1	2x4x12R PYS	LINEAR FL	32	4	3640	407.68	1	KEYSTONE	1/2 STRIP RETROFIT	4	9	191.04	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
LOCKER ROOM	1	4'x12' HO STRIP	LINEAR FL	32	2	3640	214.76	1	KEYSTONE	LED TYPE-B RETROFIT	2	9	65.52	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
SLEEPING AREA	2	4'x12' HO STRIP	LINEAR FL	32	4	3640	85.36	2	KEYSTONE	LED TYPE-B RETROFIT	4	9	262.08	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	
MECH ROOM	1	4x4x12R PARABOLIC	LINEAR FL	32	2	3640	29.5	1	KEYSTONE	LED TYPE-B RETROFIT	2	9	9	KT-LED70-485-R10-D1E-KT-SOCKET-1U-5-2-W	

RESCUE-1

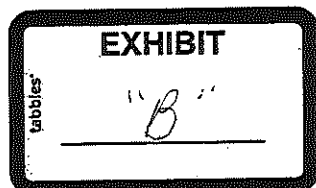
PHYSICAL LOCATION	FIXTURE QTY	FIRE FIXTURE TYPE	PRE-EXISTING SYSTEM			POST-PROPOSED SYSTEM			PST WANTS PER LAMP	PST LAMP QTY	PST ANNUAL KW/H	CUT SHEETS
			FIXTURE QTY	PRE LAMP QTY	ANNUAL HOURS	FIRE ANNUAL KW/H	PST QTY	POST FIXTURE TYPE				
TRUCK BAY	6	8'2L1T2.HO.VAPOR	LINEAR HO FL	2	8240	8756.4	6	ETHERIUM	LED LOWBAY BOX	6	2895.2	E18-R02-80V-3
TRUCK BAY	1	8'2L1T2.HO.CHANNEL	LINEAR HO FL	2	6240	1465.4	1	ETHERIUM	LED LOWBAY BOX	1	499.2	E18-R02-80V-3
TRUCK BAY	1	8'2L1T2.HO.CHANNEL	LINEAR HO FL	2	6240	1465.4	1	N/A	PERMANENT REMOVAL	0	0	REMOVE AND TAKE OFF BRANCH CIRCUIT
PARTS ROOM	1	2X4L2T6.PARABOLIC	LINEAR FL	2	6240	364.36	2	KESTONE	LED TYPE-B RETROFIT	2	112.32	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
Mech ROOM	2	4'2L1T6.STRIP	LINEAR FL	2	6240	736.32	2	KESTONE	LED TYPE-B RETROFIT	2	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
STORAGE	1	A19 LAMP	INCANDESCENT	1	500	30	1	RAB	COMMERCIAL LED LAMP	1	4.25	A19-B-5-E16-840-ND-110-277V
STORAGE	1	2X4L2T6.PARABOLIC	LINEAR FL	2	500	25.5	1	KESTONE	LED TYPE-B RETROFIT	2	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
OFFICE	1	2X4L1T2.PARABOLIC	LINEAR FL	4	6240	1072.8	1	KESTONE	LED TYPE-B RETROFIT	4	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
HALL	1	2X4L1T2.PARABOLIC	LINEAR FL	2	6240	364.36	4	KESTONE	LED TYPE-B RETROFIT	9	312.32	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
REAR TRUCK BAY	4	8'2L1T2.HO.VAPOR	LINEAR HO FL	2	6240	5965.6	4	ETHERIUM	LED LOWBAY BOX	80	1996.8	E18-R02-80V-3
REAR TRUCK BAY	2	8'2L1T2.HO.VAPOR	LINEAR HO FL	2	6240	2932.8	2	N/A	PERMANENT REMOVAL	0	0	REMOVE AND TAKE OFF BRANCH CIRCUIT
STORAGE	2	4'2L1T6.VARIETY	PAR30 HALOGEN	1	500	60	2	RAB	COMMERCIAL LED LAMP	2	23	A19-B-5-E16-840-ND-110-277V
FRONT STAIRWELL	2	4'2L1T6.VARIETY	LINEAR FL	2	6240	736.32	2	KESTONE	LED TYPE-B RETROFIT	2	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
2ND FL KITCHEN/TV	1	2X4L2T6.PARABOLIC	LINEAR FL	3	6240	510.4	1	KESTONE	LED TYPE-B RETROFIT	3	268.48	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
2ND FL KITCHEN/TV	1	2X4L2T6.PARABOLIC	LINEAR FL	4	6240	684.8	1	KESTONE	LED TYPE-B RETROFIT	5	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
2ND FL KITCHEN/TV	4	2X4L2T6.PARABOLIC	LINEAR FL	2	6240	1472.64	4	KESTONE	LED TYPE-B RETROFIT	2	449.28	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
LOCKER ROOM	4	2X4L2T6.PARABOLIC	LINEAR FL	2	6240	3472.64	4	KESTONE	LED TYPE-B RETROFIT	9	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
LOCKER ROOM	1	2X4L2T6.PARABOLIC	LINEAR FL	2	6240	696.8	1	KESTONE	LED TYPE-B RETROFIT	2	112.32	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
SLEEPING AREA	1	2X4L2T6.PARABOLIC	LINEAR FL	2	6240	364.36	1	KESTONE	LED TYPE-B RETROFIT	9	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
SLEEPING AREA	1	A19 LAMP	INCANDESCENT	4	500	696.88	1	RAB	COMMERCIAL LED LAMP	2.5	4.25	A19-B-5-E16-840-ND-110-277V
STORAGE	1	4'2L1T6.VARIETY	LINEAR FL	1	500	30	1	KESTONE	NEW 4' FIXTURE	1	249.6	E18-R02-80V-3
RESTROOM	1	2X4L1T6.PARABOLIC	LINEAR FL	2	6240	536.64	1	KESTONE	LED TYPE-B RETROFIT	9	274.64	KL160918-486-840-DX2 & KE-SOCKET-TB-U-5-2-W
STORAGE	1	A19 LAMP	INCANDESCENT	4	500	30	1	RAB	COMMERCIAL LED LAMP	8.5	4.25	A19-B-5-E16-840-ND-110-277V

RESCUE-1



**City of Scranton
LED Lighting Retrofit**

May 5, 2021



BID FORM FOR CITY OF SCRANTON LED LIGHTING RETROFIT

Wednesday, April 28, 2021 at 10:00 a.m.

Company Name: GreenTech Energy Services, Inc.

Address: 122 E. Kings Highway, Suite 503

Phone: 856-439-9400

E-Mail: mbetsch@greentechenergy.com

Date: 5/5/21 Contact Person: Michael Betsch

Lump Sum Bid \$ 128,438.00

Attachment A. Affirmative Action Certification

During the term of this contract, Bidder agrees as follows:

- (1) Bidder shall not discriminate against any employee, applicant for employment, independent contractor or any other person because of race, color, religious creed, ancestry, national origin, age, sex or handicap. Bidder shall take affirmative action to insure that applicants are employed, and that employees or agents are treated during employment, without regard to their race, color, religious creed, ancestry, national origin, age, sex or handicap. Such affirmative action shall include, but is not limited to the following: employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training. Bidder shall post in conspicuous places, available to employees, agents, applicants for employment, and other persons, a notice to be provided by the contracting agency setting forth the provision of this affirmative action certification.
- (2) Bidder shall, in advertisements or requests for employment placed by it or on its behalf, state all qualified applicants will receive consideration for employment without regard to race, color, religious creed, ancestry, national origin, age, sex or handicap.
- (3) Bidder shall send each labor union or workers' representative with which it has a collective bargaining agreement to other contract or understanding, a notice advising said labor union or worker's representative of its commitment to this affirmative action certification. Similar notice shall be sent to every other source of recruitment regularly utilized by bidder.
- (4) It shall be no defense to a finding of noncompliance with this affirmative action certification that bidder has delegated some of its employment practices to any union, training program, or other source of recruitment which prevents it from meeting its obligations. However, if the evidence indicates that the bidder was not on notice of the third-party discrimination or made a good faith effort to correct it, such a factor shall be considered in mitigation in determining appropriate sanctions.
- (5) Where the practices of a union or of any training program or other source of recruitment will result in the exclusion of minority group persons, so bidder will be unable to meet its obligations under this affirmative action certification, bidder shall then employ and fill vacancies through other affirmative action employment procedures.
- (6) Bidder shall comply with all state and federal laws prohibiting discrimination in hiring or employment opportunities. In the event of bidder's noncompliance with affirmative action certification of this contract or with any such laws, this contract may be terminated or suspended, in whole or in

part, and bidder may be declared temporarily ineligible for further City of Scranton contracts, and other sanctions may be imposed and remedies invoked.

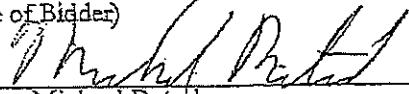
- (7) Bidder shall furnish all necessary employment documents and records to, and permit access to its books, records, and accounts by, the City of Scranton Department of Business Administration, for purposes of investigation to ascertain Compliance with the provision of this certification. If bidder does not possess documents or records reflecting the necessary information requested, it shall furnish such information on reporting forms supplied by the City of Scranton Department of Business Administration.
- (8) Bidder shall actively recruit minority subcontractors or subcontractors with substantial minority representation among their employees.
- (9) Bidder shall include the provisions of this affirmative action certification in every subcontract, so that such provisions will be binding upon each subcontractor.
- (10) Bidder's obligations under this clause are limited to the bidder's facilities within Pennsylvania, or where the contract is for purchase of goods manufactured outside of Pennsylvania, the facilities at which such goods are actually produced.

DATE: 5/5/21

GreenTech Energy Services, Inc.

(Name of Bidder)

BY


Michael Betsch

TITLE President

Attachment B. Certificate of Non-Segregated Facilities

The bidder certifies that he does not maintain or provide for his employees and segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The Bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location under his control where segregated facilities are maintained. The Bidder agrees that a breach of this certification will be a violation of the Equal opportunity clause in any contract resulting from acceptance of his bid. As used in this certification, the term "segregated Facilities," means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom, or otherwise. The Bidder agrees that (except where he has obtained identical certifications from proposal sub-contractors for specific time periods) he will obtain identical certifications from proposed sub-contractors prior to the award of sub-contracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause, and that he will retain such certification in his files.


NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. §1001.

DATE: 5/5/21

GreenTech Energy Services, Inc.

(Name of Bidder)

BY


Michael Betsch

TITLE President

Attachment C. Non-Collusion Affidavit of Prime Bidder

STATE OF New Jersey

COUNTY OF Burlington

Michael Betsch, being
first duly sworn, deposes and says that:

1. He is President
(Owner, partner, officer, representative or agent)

of GreenTech Energy Services, Inc., the Bidder that has
submitted the bid;

2. He is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, Representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, or to Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Scranton (Local Public Agency) or any person interested in the proposed Contract; and;
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

Non-Collusion Affidavit
Signature Page

Signed Michael Betsch

Michael Betsch

President

(TITLE)

SUBSCRIBED AND SWORN TO BEFORE ME

THIS 5th DAY OF May
2021

Linda Fitzpatrick
Controller
(TITLE)

MY COMMISSION EXPIRES _____
_____, 20 _____

LINDA S FITZPATRICK
ID # 2190746
NOTARY PUBLIC
STATE OF NEW JERSEY
My Commission Expires June 21, 2021

Name Ed Hambor

Address 122 E. Kings Hwy. #503



LIBERTY MUTUAL INSURANCE COMPANY
 FINANCIAL STATEMENT — DECEMBER 31, 2020

Assets		Liabilities	
Cash and Bank Deposits.....	\$2,058,007,542	Unearned Premiums	\$8,448,706,991
*Bonds — U.S. Government.....	2,209,760,437	Reserve for Claims and Claims Expense	23,879,216,613
*Other Bonds	15,902,755,586	Funds Held Under Reinsurance Treaties	343,068,613
*Stocks	18,517,107,230	Reserve for Dividends to Policyholders.....	1,192,716
Real Estate.....	193,169,809	Additional Statutory Reserve.....	77,397,000
Agents' Balances or Uncollected Premiums	6,970,170,469	Reserve for Commissions, Taxes and	
Accrued Interest and Rents.....	118,399,147	Other Liabilities.....	6,279,510,804
Other Admitted Assets	12,079,597,645	Total.....	\$39,029,092,737
		Special Surplus Funds.....	\$178,155,102
		Capital Stock.....	10,000,075
		Paid in Surplus.....	10,945,045,214
		Unassigned Surplus	7,886,674,737
		Surplus to Policyholders.....	19,019,875,128
Total Admitted Assets	<u>\$58,048,967,865</u>	Total Liabilities and Surplus.....	<u>\$58,048,967,865</u>



* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
 The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2020, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 25th day of March, 2021.

TAMikolajewski

Assistant Secretary



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8197241-019019

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint Lisa J. Evans; Douglas A. Olt

all of the city of Greensboro state of GA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 26th day of October, 2018.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, interest rate or residual value guarantees, currency rate.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 26th day of October, 2018 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, executes the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notary Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 5th day of May, 2021



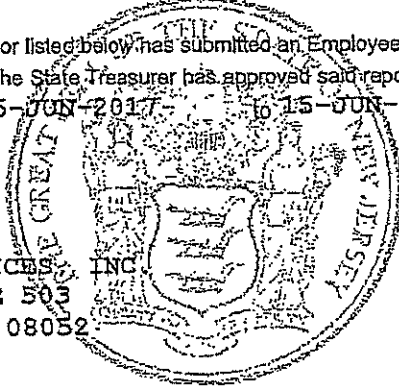
By: Renee C. Llewellyn, Assistant Secretary

Certification 21253

CERTIFICATE OF EMPLOYEE INFORMATION REPORT
RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-JUN-2017** to **15-JUN-2024**

GREENTECH ENERGY SERVICES, INC.
122 E KINGS HWY, SUITE 503
MAPLE SHADE NJ 08052



Ford M. Scudder

FORD M. SCUDDER
State Treasurer