

**Street Light Retrofit
And Maintenance**

REQUEST FOR PROPOSAL

**Town of Arlington
730 Massachusetts Avenue
Arlington, Massachusetts, 02476**

and

***City of Chelsea
500 Broadway
Chelsea, MA 02150***

***Town of Natick
13 East Central Street
Natick, MA 01760***

***City of Woburn
10 Common St.
Woburn, MA 01801***

RFP #12-40

August 22, 2012

***Adam W. Chapdelaine
Town Manager***

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REQUEST FOR PROPOSAL

Street Light Upgrades *The Town of Arlington, Massachusetts*

Instructions and Conditions

Town of Arlington, the City of Chelsea, City of Woburn and the Town Of Natick jointly (hereinafter referred to as "*the Town*" or the "*Town of Arlington*") seeks a pool of qualified companies (hereinafter referred to as "Respondent") from which to select one firm to assist the four communities with the review of their street lighting system in order to assist with the identification, design and implementation of capital improvements to reduce energy and related costs in facilities, and to provide Warranty, and, ongoing system operation and maintenance for the warranty period.

Copies of the Request for Proposal may be obtained from the Office of the Town Manager on and after August 22, 2012. Respondent's Statement of Qualifications will be received at the Office of the Town Manager, 730 Massachusetts Avenue, Arlington, MA 02476 until **1:00 P.M. Thursday September 6, 2012.** Copies for the Request for Proposal may also be downloaded from the Town of Arlington website www.Arlington.ma.us

Questions concerning the RFP must be submitted via email by 2:00 p.m. Wednesday August 29, 2012, to DLanzillotti@town.arlington.ma.us, or by mail to the address above. Answers will be sent to all potential respondents who received an RFP through Email provided.

The Town of Arlington reserves the right to reject any or all responses, waive minor informalities, and accept the Respondent deemed to be in the best interest of the Town. This RFP does not commit the Town to award a contract, pay any cost incurred in the preparation of a proposal in response to this RFP, or to procure or contract for services. The Town intends to award a contract on the basis of the best interest and advantage to the Town.

6 sealed envelopes marked "**Proposal—Arlington Street Lighting RFP #12-40**" must be received at the Town Managers Office, Town Hall, 730 Massachusetts Avenue, Arlington, MA 02476 no later than **1:00 P.M. on Thursday September 6, 2012.**

Attention is called to the fact that minimum wage rates and health and welfare and pension fund contributions are established for this contract and are a part of the specifications.

Work under this contract shall be governed by MGL Ch.149, Sec.44A-J.

The conditions of employment as set forth in Sections 26 to 27D and 27F of Chapter 149 of the General Laws, as amended, shall prevail in the execution of the work under this contract.

RFP for Energy Performance Contracting Services Request for Proposals and General Scope of Services

For this RFP, the Town is interested in contracting for the full scope of energy and street lighting operation services, including: a detailed audit, the design, purchase, installation and modification of existing and new equipment that will reduce energy and operating costs associated with the street lighting system, and a long term operating, maintenance, and capital improvement service to guarantee the system reliability. The Town seeks to enter into a project arrangement under which the Town will assume ownership of the street lighting system proposed acceptance through a method of financing the capital cost of the project. The Town also seeks to structure compensation to the contractor such that payments to finance the capital improvements and for ongoing preventative maintenance services will be paid in full by the value of savings resulting from the project. Under this solicitation, it is expected that only one Respondent will be selected to complete all of the work selected by the Town.

The Town is most interested in improvements that will reduce the Town's energy consumption through street lighting system improvements, lighting upgrades or measures aimed at energy cost savings and maintenance savings relative to their outdoor lighting.

As set forth herein, proposals should present an analysis and rationale of the performance of the RESPONDENT's proposed energy conservation measures for the street lighting system. The report should detail the methodology for the calculation of baseline energy use and, at a minimum, a description of physical conditions, equipment counts, lamp types, wattages, energy usage for the existing system. The energy use should be based on the same methodology currently employed by the serving utility company. In addition to presenting how the proposed baseline is derived, the respondent should define the methodology and calculation technique that it will use to determine usage following the project completion.

The selected Respondent will be required for each measure recommended to provide a detailed description of each investment proposed. Each description should include: equipment counts, performance characteristics and efficiency levels of the equipment comprising the proposed energy efficiency measure, its claimed useful life, and projected annual energy consumption. Thorough proposals will include all necessary documents showing project costs, calculation of individual improvements, net savings claimed, detailed scope of work and all costs associated with each improvement proposed including the operational savings, if any. All Statements of Qualifications should be submitted in the format proscribed in this RFP.

QUALIFICATIONS FOR CONSIDERATION

The below listed minimum qualifications are required for consideration. Acceptance of any substitute qualifications as equivalent will be at the sole discretion of the Town. All required qualifications and capabilities must be inherent in the offering firm- not subcontracted to others.

Respondents shall have at least five years experience maintaining a municipal or government owned street lighting system of at least 3500 streetlights per community with preference to lighting systems in Massachusetts.

Have successfully completed a conversion of a municipal street lighting systems as part of a single project of not less than 2000 lights to LED technology.

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Demonstrated experience reviewing municipal street lighting systems. This includes verifying billing accuracy, providing detailed financial analysis of lighting alternatives considering all of the latest proven technologies, life cycle costing, completing field audits, developing and implementing lighting plans using IESNA guidelines or municipal guidelines, and securing conservation or other available grants. Providing monitoring and verification services to include providing to NSTAR the required paperwork to effect adjustment of the billing to reflect the changes implemented and verification of the correct billing adjustments and credits due to the community. Provide not less than three examples of such projects including examples of the grants secured by providing copies of the approval letters from the serving utility.

The ability to provide project lease purchase financing. Provide not less than three examples where this was provided and detail the method used to secure the financing.

The operation of a 24 hour call service for not less than five years with a toll free number answered at all times by a person to receive outage reports with the capability for real time work order dispatching for emergency calls.

Have satisfactory reports from street lighting maintenance contracts. Provide satisfactory letters of reference from the example contracts provided as well as a list of all related work over the past two years.

Have licensed electricians and or journeyman linemen on staff with International Municipal Signal Association (IMSA) Roadway lighting Level I certification on their payroll at the time of submission of qualifications. All work must be performed with personnel having these minimum qualifications and be paid prevailing wages.

Have the necessary staff and equipment to perform all aspects of street lighting work including both underground and overhead fed systems. Due to restrictions on the availability of incentive funds the project must be substantially complete by 20 December. Provide a detailed list of equipment and manpower to be assigned to the project and a proposed schedule as to how you intend to meet the required timeline.

Demonstrated ability and experience to satisfactorily install energy efficient streetlights on wood and metal poles including installation of the poles both with and without foundations and associated underground service. Experience with both series and parallel circuit lighting systems of varying voltages.

Answers to the above questions must be submitted in a written format and may include any additional information the Respondent wishes to provide but must as a minimum address the above listed items. Failure to satisfactorily address each of these issues will result the Respondent being deemed as unresponsive and the submission rejected at the sole discretion of the Town.

RFP for Energy Performance Contracting Services

Request for Proposals and General Scope of Services

OVERVIEW

The Town of Arlington seeks to maximize energy cost savings and minimize life cycle costs of the street lighting system costs. The Town would like to finance the proposed costs through the savings and with other available funds to improve the system reliability and appearance.

The RFP and Contracting process has four phases:

- RFP Phase: Through this RFP, the successful RESPONDENT will be selected based on evaluation of written proposals, the qualifications and experience held at the time of response submission, The Town may conduct interviews with top candidates and request final reference checks.
- Audit and final Development Phase: A Technical Street Light Energy Audit and Project Development Contract will be developed with the selected RESPONDENT to define the project scope, cost and financial terms. Prepare all required incentive paperwork for submission to NSTAR and coordinate approval letters from NSTAR. RESPONDENT may be required by the Town to install sample products at various locations for final approval of the design plan.
- Construction/Implementation/Financing Phase: Upon satisfactory results of the final Technical Street Light and Energy Audit, a Contract will be provided considering incentive grants.
- Project Management Phase-During the course of the project monitor all installations and submit timely reports of work completed in the formats required by NSTAR to NSTAR for billing adjustment.
- Contractor Closeout Responsibility and Warranty Phase: Final Payment for Streetlight upgrades will be made pursuant to installation completion and a walk through survey will be conducted of the properties covered by the contract. Follow-up monitoring, compliance reporting, and contract maintenance services for a term equal to the provided warranty period. All required documentation of completed work and incentive paperwork must be submitted to NSTAR. Incentives will be paid to the selected RESPONDENT and deducted from the amount due from the Town.
- Warranty Responsibilities RESPONDENT shall maintain sufficient spare quantities of all installed types so that any warranty repairs can be completed in five working days or less and will be responsible for all warranty repairs for the term of the warranty.

STATEMENT OF WORK

RESPONDENT SERVICES

The successful proposal will demonstrate RESPONDENT's capabilities in designing and management to provide a broad range of municipal or government outdoor lighting and energy services for municipal or government entities. Services may include, but are not limited to, the following:

Audit and Project Development Phase

- technical Street Light and Energy Audit to evaluate costs and savings of a variety of energy-saving measures
- project development plan including financial analysis
- knowledge of utility tariffs, and incentive procedures and amounts

Construction/Implementation/Financing Phase

- design services
- equipment procurement and purchasing

RFP for Energy Performance Contracting Services Request for Proposals and General Scope of Services

- construction management
- hazardous waste disposal or recycling
- financing capability.

Commissioning/Monitoring Phase

- commissioning and coordinating with local utility to adjust billing to reflect continuing operations and maintenance for the street lighting system with a minimum operational rate of 95% and all improvements.
- analysis and application for any available incentives or grant programs

Maintenance Phase

- Respondent shall provide ongoing warranty repairs and incidental maintenance as requested by the Town for the term of the warranty

The successful RESPONDENT's proposal will demonstrate the technical capability to address a broad range of systems including, but not limited to:

- Lighting systems. Outdoor lighting systems, lighting controls, and latest technology developments.
- Renewable Energy and Latest Street Lighting Technology Systems: LED, induction, electronic ballasts, dimming, HID lighting, photovoltaics, wind, fuel cells, etc. as may be available or applicable to street lighting
- Energy Savings: Optimization of energy savings and life cycle costs within Town's goals for desired lighting levels and system flexibility

All then current municipal, state and federal codes will be adhered to by the RESPONDENT during the design and construction of any improvements accepted by the Town.

**RFP for Energy Performance Contracting Services
Request for Proposals and General Scope of Services**

Street Lighting Facilities

Facilities identified for this work are listed in **Attachment F: Project Counts**. Detailed inventory information is available on request. The Town reserves the right to reduce or increase the scope of work by up to 25%.

Administrative Information

RFP Phase

Review of Written Proposals. Proposals must be prepared as described in **Attachment C: RESPONDENT Response**. An evaluation team will review and score written proposals based on the evaluation criteria identified in **Attachment D: Evaluation Criteria**. Based on the overall score, proposals within the competitive range will be identified.

Interviews. RESPONDENTs with proposal scores in the competitive range may be interviewed by the project evaluation team. The interview provides the opportunity for the RESPONDENT to address questions and to more fully describe how the approach to this project satisfies the evaluation criteria. RESPONDENT representatives at the interview should include individuals who will be *key* points of contact and have *major* responsibility for contract negotiation, engineering and design, construction management and follow-up monitoring. Each interview may be tape-recorded.

Final Selection. Final reference checks will be conducted with the apparent successful respondent (top-ranked RESPONDENT) prior to making the final selection. Should any of the checked references be unfavorable the Town will commence the same review with the second best rated respondent and so forth until a best overall qualified respondent is identified for selection. An award will then be made to the selected RESPONDENT

Audit and Project Development Phase

Technical Street Light and Audit and Project Development Sample Contract. A Technical Street Light and Audit and Project Development Contract will be developed as presented in **Attachment G:** (also see **Attachment A: Special Contract Terms and Conditions**).

Construction/Implementation/Financing Phase

Following successful completion of the Technical Street Light Audit and Project Development Contract, a contract will be developed to implement the projects.

By submitting the proposal, RESPONDENT agrees to:

all applicable sections of **Attachment A: Special Contract Terms and Conditions**.

Other Administrative Procedures

Communication between The Town of Arlington and Respondent.

- A. All communications with the Town relating to this RFP shall be via email to:
DLanzillotti@town.arlington.ma.us, as specified within the RFP document

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Request for Proposals and General Scope of Services

- B. Respondents may submit questions concerning this RFP to the Procurement Officer via email to DLanzillotti@town.arlington.ma.us. The Town of Arlington will provide written answers to questions to all Respondents represented at the Pre-RFP Conference via email as provided. Any questions relating to Chelsea will be coordinated through Chelsea and responded to by Arlington or Chelsea as appropriate.
- C. The Town reserves the right to amend the RFP based on questions and issues raised prior to the Due Date. The Town will provide such amendments in writing, by registered mail, to all interested companies represented at the Pre-RFP Conference.

ATTACHMENT A: SPECIAL CONTRACT TERMS AND CONDITIONS

Following are the special contract terms and conditions that will be an integral part of the subsequent contracts and are highlighted here to emphasize their importance. The contracts are included as templates only and may not yet incorporate all of the below requirements.

STREET LIGHT AUDIT PHASE

This is a review of the street lighting inventory to determine the proper wattage and lumen outputs needed to meet current lighting levels and to ensure overall uniformity of lighting based on appropriate factors for each roadway, a review of the billing to verify accuracy and the preliminary analysis of claimed savings opportunities and associated costs.

Cost Estimates. The cost estimate must include an estimate of all costs including design, engineering, installation, maintenance, repairs and debt services as well as other categories presented in the stated costs section in the RFP.

Allowable Payment Sources. Payment sources to support the capital investment payments are shown below. The following payment sources will be allowed:

- Tax exempt municipal lease financing.
- Bonding
- Zero interest utility financing

CONSTRUCTION/IMPLEMENTATION PHASE

Use of Stated Costs. Costs provided in the cost proposal section are the maximum costs, provided the size and scope of the project remain similar.

Equipment Compatibility or Standardization. All equipment installed that is comparable to similar equipment at the facilities shall offer compatibility with existing systems, and/or be of the same manufacturer for standardization of equipment agency-wide, unless excepted by the Town.

Additional Cost Provisions:

1. TAXES

Purchases incurred by the Town are exempt from Federal Excise Taxes, State or Town Sales Tax, and RFP prices must exclude any such taxes. Tax Exemption Certificates will be furnished upon request.

Town FREIGHT ON BOARD (F.O.B.)

All prices are to be firm F.O.B. delivered destination (____TBD_____, _____), to the address specified on the "Notice to Respondents" (Form #RFP1) or any other department location doing business for The Town of Arlington in need of such services.

2. UNIT PRICE

In case of error in extension of prices quoted herein, the unit price will govern.

RFP for Energy Performance Contracting Services

Attachment B: Product Specifications

3. GUARANTEES

The respondent, to whom a contract is awarded, guarantees to The Town of Arlington all supplies, equipment, related services/maintenance, and labor for a period of at least ten (10) years. Upon inspection, any defective or inferior equipment, supplies/materials shall be replaced without additional cost to the Town. The contractor will assume any additional cost accrued by the Town.

4. INDEMNIFICATION

CONTRACTOR shall assume the defense of, indemnify and hold harmless the Customer, their officers and agents from all *third party tangible property* claims relating to: Labor performed or furnished and materials used or employed for the Work, Inventions, patents and patent rights used in and in doing the Work, Injuries to any person received or sustained by or from the CONTRACTOR and its employees, subcontractors and its employees, any agents, suppliers and invitees in doing the Work, or as a consequence of any improper materials, implements of labor used or employed therein, and Any act, omission, or neglect of the CONTRACTOR and any employees, subcontractors and employees, agents, suppliers and invitees. CONTRACTOR shall assume the defense of, indemnify and hold harmless the officers and agents of the Customer as well as the utility company who also share the use of the pole on which the facilities will be mounted. Such insurance will comply with the License Agreement signed by the Customer with the utility company and any requirements of the Customer, all claims relating to:

- 1) Labor performed or furnished and materials used or employed for the Work,
- 2) Inventions, patents and patent rights used in and in doing the Work,
- 3) Injuries to any person received or sustained by or from the CONTRACTOR and its employees, subcontractors and its employees, any agents, suppliers and invitees in doing the Work, or as a consequence of any improper materials, implements of labor used or employed therein, and
- 4) Any act, omission, or neglect of the CONTRACTOR and any employees, subcontractors and employees, agents, suppliers and invitees.

5. INSURANCE

Respondent's liability insurance shall be purchased and maintained by the Respondent to protect him from claims under Worker's Compensation Acts and other employee benefits acts, claims from damages because of bodily injury, including death, and from claims for damages, other than to the work itself, to property which may arise out of or result from the Respondent's operation under this agreement, whether such operation by himself or anyone employed by them. This insurance shall be written in accordance with the contracts attached hereto as Attachments G. Subcontractors shall list The Town of Arlington and Contractor as additional insured where applicable.

6. INDEPENDENT CONTRACTOR

Respondent is not an agent or employee of The Town of Arlington and is not authorized to act on behalf of The Town of Arlington.

7. COMPLETE AGREEMENT

This agreement supersedes all prior agreements and understandings between the parties and may not be changed unless mutually agreed upon in writing by both parties.

8. ASSIGNMENT

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

Respondent shall not assign the Agreement, or any interest therein, without prior written consent of The Town of Arlington.

9. SUB CONTRACTORS

Respondent shall not engage any other company, sub-contractor or individual to perform any obligation hereunder.

10. GOVERNING LAW

This Agreement shall be governed by the laws of the Commonwealth of Massachusetts.

11. ENFORCEABILITY

In the event any provision of this Agreement is found to be legally unenforceable, such unenforceability shall not prevent enforcement of any other provision of the Agreement.

12. CONFLICT OF INTEREST

The Respondent certifies that no official or employee of The Town of Arlington has a financial interest in this proposal or in the contract which the respondent offers to execute or in the expected profits to arise there from this Energy Conservation Services Performance Contracting Program, and that this proposal is made in good faith without fraud or collusion or connection with any other person submitting a proposal.

13. TERMINATION

a. For Cause: The Town of Arlington shall have the right to terminate this agreement if (i) Respondent neglects or fails to perform or observe any of these obligations hereunder and a cure is not effected by Respondent within fifteen (15) days next following its receipt of a termination notice issued by The Town of Arlington, or (ii) if a judgment or decree is entered against Respondent approving a petition for any arrangement, liquidations, dissolution or similar relief relating to bankruptcy or insolvency and such judgment or decree remains unvacated for thirty (30) days; or (iii) immediately if Respondent shall file a voluntary petition in bankruptcy or any petition or answer seeking any arrangement, liquidation or dissolution relating to bankruptcy, insolvency or other relief or debtors shall seek or consent or acquiesce an appointment of any trustee, receiver of liquidation of any of Respondent's property; or (iv) funds are not appropriated or otherwise made available to support continuation of performance in any fiscal year succeeding the first year of this Agreement. The Town of Arlington shall pay all reasonable and supportable costs incurred prior to termination, which payment shall not exceed the value of service provided.

b. For Convenience: 1. Notwithstanding any language to the contrary within the body of this Contract, the Town may terminate this Contract, without cause at any time, effective upon the termination date stated in the notice of termination. 2. If the Contract is terminated under this subsection, the Respondent shall be entitled to be paid for Supplies and/or Services delivered and accepted prior to notice of termination at the prices stated in the Contract or RFP documents. Any Supplies and/or Services delivered after notification of termination but prior to the effective termination date must be approved in writing in advance by the Town in order to be eligible for payment. In no event shall the Respondent be entitled to be paid for any Supplies and/or Services delivered after the effective date of termination. In the event the Town has entered into lease purchase financing for any delivered services the Town shall be obligated to fulfill its obligations with regards to that lease. In addition any future warranty issues shall become the responsibility of the Town to

RFP for Energy Performance Contracting Services

Attachment B: Product Specifications

resolve with the manufacturer except where such term as provided by the respondent exceeds the manufacturers stated warranty.

c. Return of Property: Upon termination, Respondent shall immediately return to The of Arlington, without limitation, all documents, plans, drawings, tools and items of any nature whatsoever, supplied to the Respondent by The Town of Arlington or developed by the Respondent in accordance with this Agreement.

14. DISCRIMINATION

It is understood and agreed that it shall be a material breach of any contract resulting from this RFP for the contractor to engage in any practice which shall violate any provision of Massachusetts General Laws, relative to discrimination in hiring, discharge, compensation, or terms, conditions or privileges of employment because of race, color, religion, creed, national origin, sex, or ancestry.

15. INTERPRETATION OF SPECIFICATION/TERMS.

All interpretations of the RFP and supplemental instructions will be in the form of written addenda to the RFP specifications. Requests for clarification or any questions about information contained in the RFP should be addressed in email to dlanzillotti@town.arlington.ma.us. Questions and answers will be compiled and sent to all respondents who requested a copy of the RFP, before the proposal deadline. No requests or questions will be accepted after 2:00 P.M. Wednesday August 29, 2012.

16. CANCELLATION OF RFP

To withdraw, cancel or modify a RFP at any time prior to the RFP opening date, a respondent must submit such request in writing to DLanzillotti@town.arlington.ma.us. Correction or modifications must be sealed when submitted and must indicate on the outside of the envelope whether the correction or modification pertains to the price proposal or the non-price proposal.

17. SAMPLES

All qualified respondents may be requested to submit samples.

18. FINANCIAL AND OPERATIONAL INFORMATION

By submitting a proposal, the respondent authorizes The Town of Arlington to contact any and all parties referenced by the respondent regarding financial and operational information.

19. PAYMENT

The Town of Arlington shall make no payment for a supply or service rendered prior to the execution of the contract.

20. DOCUMENTATION

Please find attached exhibit copies of contract forms, formal drafts of which the successful respondent will be required to sign.

21. The Respondent's proposal shall remain in effect for a minimum period of 90 days from the deadline for submission of proposals or until it is formally withdrawn, a contract is executed or this RFP is canceled, whichever occurs first.

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

- 22. The contract shall be for a period of (10) years, beginning Date of Contract.
- 23. The Town will have the option to cancel the contract provided that written notice is given 90 days prior to the effective termination date.
- 24. The Town of Arlington may cancel the contract if funds are not appropriated or otherwise made available to support continuation of performance in any fiscal year succeeding the first year.

Other Requirements

Certificate of Good Standing – The selected Respondent must provide the Town with a current “Certificate of Good Standing” issued by the Commonwealth of Massachusetts. Additional information related to this requirement is included in the RFP.

Tax Compliance/Non Collusion Form

Certificates of Eligibility and Update Statements per Minimum Qualifications

Signature Form – must be completed by the Respondent.

The Town of Arlington may opt to utilize the services of an attorney not affiliated with the service provider.

Insurance Requirements

1. Prior to commencing performance of any work or supplying materials or equipment covered by these specifications, the contractor shall furnish to the Town of Arlington a Certificate of Insurance evidencing the following:

A. General Liability - Comprehensive Form

Bodily Injury Liability	\$1,000,000
Property Damage Liability	\$1,000,000
Professional Liability/ Errors and Omissions	\$1,000,000

B. Coverage for payment of Worker’s Compensation benefits pursuant to Massachusetts General Laws in the amount as listed below:

WORKER'S COMPENSATION	\$ <u>Statutory</u>
EMPLOYERS' LIABILITY	\$ <u>Statutory</u>

- 2. A contract will not be executed unless a certificate(s) of insurance evidencing above-described coverage is attached.
- 3. Failure to have the above-described coverage in effect during the entire period of the contract shall be deemed to be a breach of the contract.

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

4. All applicable insurance policies shall read:

"Town of Arlington" AS A CERTIFICATE HOLDER AND ADDITIONAL INSURED
ALONG WITH DESCRIPTION OF OPERATIONS IN SPACE PROVIDED ON
CERTIFICATE.

5. Please comply with our requirement of a thirty (30) day notice of cancellation and note on certificate.

CERTIFICATE SHOULD BE MADE OUT TO:
Town of Arlington

Note: If during the life of this contract, your insurance expires; you shall be responsible to submit a new certificate covering the period of the contract. No payment will be made on a contract with an expired insurance certificate.

Product Warranty Request:

Product will be supplied with a minimum 10 year warranty for all electronic components including the photocell and a ten year warranty on finish and materials. Selected vendor will be responsible for replacement of all failed products due to warranty issues to include the labor and materials, shipping of failed materials to supplier for replacement and maintaining sufficient stock on hand to ensure prompt repairs to failed units. Additionally the Town has determined it is in its best interest to engage the services of the selected vendor for all minor repairs outside of warranty issues to the street lighting system for the full term of the warranty period. Such repairs will require the prior approval of the Town. In the event an unexpected repair will be of a value greater than \$5000 the Town may seek additional quotes for the repair and selected the offer that is in the best interests of the Town.

Selected vendor will be required to provide a monthly report on any failures or repairs completed to include the nature of the repair, the date of notice and the date the repair was completed. Such report may be in the form of an online posting accessible to the Town staff, an electronic report or a written report provided to the Town. The contractor shall provide a cost free method for residents to report outages or problems.

LED Specification Request:

The proposed LED Street lighting should have the following:

Laboratory Accreditation Program (NVLAP) certified laboratory. See below

1. LED Luminaires should meet the following general requirements:

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

LED Luminaire Requirements:	
Correlated Color Temperature (CCT)	CCT shall be 4,300 +/- 300 nominal CCT. Color shift during L70 period shall be less than 5%. Acceptable LM80 test results shall be provided.
Color Rendering Index (CRI)	Luminaires shall have a minimum CRI of 70.
Off-state Power Consumption	The power draw of the luminaire (including PE or remote control devices) shall not exceed 0.50 (one half) watts when in the off state.
On-state Power Consumption	The LM79 test shall exceed 69 lumens per watt at ≈ 700 mA, 75 lumens per watt at ≈ 525 mA, and 78 lumens per watt at ≈ 350 mA.
Warranty	The warranty shall provide for the full replacement of the entire lamp (LED) system exclusive of lamp post due to any failure for a minimum of seven (7) years. Warranties shall include all labor up to \$50 per unit, materials and equipment necessary to address the deficiency, including field replacement.

Operating Environment	Luminaire shall be able to operate normally in temperatures from -20° C to 50° C, and have a documented history of successful trials in a climate similar to that of Boston, Massachusetts.
Cooling System	Shall consist of a heat sink with no fans, pumps, or liquids, and shall be tested for heat management with debris to ensure buildup does not degrade heat dissipation such that the light operates outside of its design life performance parameters.
Dimensions (Approx.)	For fixtures to be mounted on mast arms longer than 5 feet long, when any single dimension is more than 10 percent greater than the fixture being replaced, a Wind Load analysis, stamped by an appropriately registered Engineer, shall be provided to prove the existing pole can accommodate the Wind Loading of the proposed fixture.
Housing	Shall be primarily constructed of metal. Finish shall be gray in color, powder coated and rust resistant or any other proven painting technique superior to the performance of powder coating such as epoxy paints. Finish shall have a warranty of not less than 10 years. Fixture shall be self-cleaning. Driver must be mounted internally and be replaceable. Driver must be accessible without tools. All screws shall be stainless steel. Captive screws are needed on any components that require maintenance after installation. No housing parts shall be constructed of polycarbonate (note this does not include optical components but does include all other housing components). Driver and optical systems will be IP rated to not less than 66. Housing must have a rating of 54 (small drain holes on the bottom of the fixture are acceptable) or better and the mounting point must have a installed barrier to restrict entry of birds and bugs.
Dark Sky Compliance	Fixtures shall comply with International Dark Sky Association guidelines, and have a BUG rating B1-U1-G1 per IES Addendum TM 15-07. Fixtures shall be fully shielded and installed in such a way that no light is emitted above a horizontal plane running through the lowest part of the

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

PE Cell Receptacle	Luminaires shall have a 3-prong twist-lock tool less installable photo-control receptacle in accordance with ANSI C136.10 such as the Fischer Dark to Light (DTL). The PE socket shall be able to rotate so that the PE window can be positioned to face the north direction. Photocells will be supplied with units
House Shield	Shall provide option for house side light control both field installable and manufacturer installed.
Experience Financial Strength	Manufacturer of fixture must have shipped a minimum of 5,000 units similar to the ones being sold within the past year and must provide shipping documents including where from and to and contact information. Company must have been in business for not less than ten years and have a financial strength and business history that in the sole opinion of the City that indicates their ability to be in business and to honor the warranty through its full term. The City reserves the right to require a warranty bond be posted for the full value of the contract.

Technical Requirements: Luminaires shall conform to the requirements shown in the following tables.

Luminaires furnished under this contract shall be Induction or LED. Luminaires shall be from the same manufacturer for any wattage to be furnished. The furnished product shall conform to an established tariff rate as published by the local utility.

SECTION 2: LED Requirements

LED Module/Array Requirements:	
Lumen Depreciation of LED Light Sources	LED module(s)/array(s) shall deliver at least 70% of initial lumens, when installed for a minimum of 70,000 hours. Submit lumen depreciation (operating life) data for each luminaire supported by the LED chip manufactures' IESNA LM80 test data that directly correlates to luminaire level performance. Submit certified photometric reports per LM79 from an approved Department of Energy Independent testing laboratory to validate manufacturer's photometric performance claims for each luminiare.

LED Power Supply/Driver Requirements:	
Power Factor	Shall have a minimum Power Factor of 0.90
Input Voltage	Shall be standard for multi voltage input from 120 volts to 277 volts.
Max amperage at LED	Shall conform to the following: 1) step increments on current to the driver: ≈350 mA (with option of ≈525 mA and ≈700 mA) OR 2) Driver adjustment for multi-current input operation: Standard factory for Equivalent Replacement of 50w HPS, 70 W HPS and 100 W HPS setting shall be adjustable as delivered from the factory. Adjustment shall not exceed 1000 mA. LM70 shall not be below 70,000 for the highest operating forward current.

RFP for Energy Performance Contracting Services
Attachment B: Product Specifications

	OR 3) Fixtures using the smaller chip and operating at lower forward currents or alternate step currents will also be considered so long as the output requirements are met for equivalent light on the roadway.
Transient Protection	Per IEEE C.62.41-1991, Class A operation. The line transient shall consist of seven strikes of a 100k HZ ring wave, 6 kV level, for both common mode and differential mode or better.
Operating Temperature	Power Supply shall operate between -20° C and 50° C.
Frequency	Output operating frequency must be \geq 120 Hz (to avoid visible flicker) and input operating frequency of 60 Hz.
Interference	Power supplies shall meet FCC 47 CFR Part 15/18 (Consumer Emission Limits).
Noise	Power supply shall have a Class A sound rating per ANSI Standard C63.4.
Terminal Block	Shall be capable of #12 to #6 AWG.

LED Roadway Application Requirements:

Minimum Light Output	Shall comply with Figure 1 or equivalent, Light Distribution Equivalence
Luminaire Efficacy	Luminaire Light Output (includes fixture efficiency and thermal effects), Luminaire Input Power shall meet DOE Energy Star Criteria
Minimum Luminaire Efficacy	72 lm/W operating currents.

LED Measurement/Performance/Safety Standards:

ANSI C78.377.2008	Specifications for the Chromaticity Solid State Lighting Products.
IESNA LM-79-08	IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products. Submit certified photometric reports per IESNA LM79 from an approved Department of Energy Independent testing laboratory to validate manufacturer's photometric performance claims for each luminaire.
IESNA LM-80-08 (Recommended)	IESNA Approved Method for Measuring Lumen Maintenance of LED Lighting Sources. Submit lumen depreciation (operating life) data for each luminaire supported by the LED chip manufactures' IESNA LM80 test data that directly correlates to luminaire level performance.
UL Standards (Latest Approved)	• 8750 Light-Emitting Diode (LED) Light Sources for Use in Lighting Products • 1598 Luminaires • 1012 Power Units Other Than Class 2 • 1310 Class 2 Power Units • 2108 Low Voltage Lighting Systems

1.1 Meet the requirements of ANSI C136.37 - SSL Roadway and Area Lights.

1.3 Have NEMA 3-prong twist-lock photo-control dimming receptacle per ANSI

RFP for Energy Performance Contracting Services

Attachment B: Product Specifications

C136.41. The PE socket shall be able to rotate, so that the PE window can always be positioned to face the North direction.

1.5 Emit zero lumens at or above an angle of 90 degrees above nadir.

1.7 Provide house side shield if required
1.8 Provide a warranty for the full replacement of the luminaire due to any failure for seven (7) years. The warranty shall provide for the repair or replacement of defective electrical and electronic parts (including light source and power supplies/drivers) for the full seven (7) years from Notice of Completion – the date the Town issued to the

Consultant stating that all work is complete. Defective material will be returned freight paid to the vendor for replacement. Vendor will ship replacement product freight paid.

1.15 UL 1012 Power Units Other Than Class 2.

1.16 UL 1310 Class 2 Power Units.

1.17 UL 1598 Luminaires.

1.18 UL 2108 Low Voltage Lighting Systems.

1.19 UL 8750 Light-Emitting Diode (LED) Light Sources for Use in Lighting Products.

1.20 IP65 or greater Ingress Protection Test Report Certification.

RFP for Energy Performance Contracting Services
Attachment C: Proposed Project Schedule

ATTACHMENT C: PROPOSED PROJECT SCHEDULE

The following schedule is the proposed schedule, and may change during the project.

<u>ACTIVITY</u>	<u>DATE</u>
<u>RFP Phase</u>	
Issue RFP	<u>August 22, 2012</u>
Site/Informational Visit Town/Town Hall (address) 02356	730 Massachusetts Avenue, Arlington, MA
Deadline for submitting questions on RFP	<u>August 29, 2012</u>
Answers due back to RESPONDENT on RFP	<u>August 31, 2012</u>
Statement of Qualifications Due	<u>September 6, 2012</u>
Evaluation of Qualifications Begins	<u>September 10, 2012</u>
Anticipated Selection and Contract Award	<u>September 15, 2012</u>
<u>Technical Street Light and Energy Audit Phase</u>	
Contract Development	TBD
Town approval	TBD
Submit Technical Audit and Presentation	TBD
Services Commence	TBD
Commence Installation	TBD
Complete Installations	December 31, 2012 (must be complete date)

Note: This schedule is subject to change.

RFP for Energy Performance Contracting Services Attachment D Submissions

Submission of Sample Technical Street Light Audit (as described below)

This sample Technical Street Light Audit should be representative of the types of facilities and the type of audit that will be conducted on behalf of The Town of Arlington. The sample audit must have been conducted by a member of the team proposed for this project.

Clearly state which member(s) of your project team conducted the audit.

Official Statement of Respondent

In a section of the RESPONDENT Response to be labeled **Section 7**, the respondent must provide statements to the following effect signed by an individual authorized to establish a binding agreement:

The respondent shall include a statement to the effect that the proposal is a firm offer for a minimum 90 day period. The proposal shall also provide the following information: name, title, address and telephone number of individual(s) with authority to negotiate and contractually bind the company and also who may be contacted during the period of proposal evaluation

Addendum Relating to Alternative Financing (Optional)

In a section to be labeled **Section 8**, the contracting company may propose an alternative to the Town's purchasing/installing, financing and owning the new equipment to be installed. The proposal should clearly identify the operational and cost advantages to the Town of Arlington with the identified alternative.

RESPONDENT PROFILE & APPROACH TO PROJECT

- *The Quality Requirements section must be addressed by each respondent.*
- *Answer all questions or state "N/A" if not applicable.*
- *Please number and re-state each subheading or question, followed by your response. This improves clarity and makes it much easier to evaluate your proposal.*
- *Number all pages.*

1. Qualifications And Capability

a. **General Firm Information**

- (1) Type of Firm (corporation, partnership, sole proprietorship, joint venture)
- (2) Year Firm Established. Number of years has your firm been in business under its present business name
- (3) Other Firm Names. Indicate all other names by which your organization has been known and the length of time known by each name.
- (4) Parent Company. If applicable, state name, address, former name if applicable, tax identification number

RFP for Energy Performance Contracting Services

Attachment D Submissions

- (5) Participating Division or Branch Offices. State division or branch offices that will participate in the development of the proposal, in its evaluation process, and/or in the conduct of any services provided (office name, and address).
- (6) Submittal. Submittal is for (parent company, subsidiary, division, branch office)

b. Experience of Firm

- (1) Years in Energy Business. State the number of years your firm has been involved in the energy-efficiency related business. State the number of years your firm has offered performance contracting services.
- (2) Number and Value of Contracts. Indicate the number of street lighting energy efficiency conversion contracts and street light operation and maintenance contracts actually implemented by your firm, each year for the past 5 years. Indicate the associated dollar value. (NOTE: If this response is submitted by a branch office or division of a parent company, indicate the number of projects that have been managed directly by the specific branch or division.)
- (3) Full-Time Personnel. Indicate the number of full-time personnel employed by your firm.
- (4) IMSA Accreditation and other Pre-Qualifiers. Are your firm's maintenance and installation employees Massachusetts licensed Electricians, Journeyman Lineman certified as IMSA Roadway Lighting Level I technicians or higher.

c. Scope of Services

- (1) Types of Services. Summarize the scope of services (auditing, design, construction, monitoring, operations, maintenance, training, financing, etc.) available from your firm.
- (2) Expertise in Systems. Describe your ability to offer services to upgrade street lighting, controls, underground feeds, overhead feeds, foundations, pole placement, series circuits, parallel circuits, emergency response, call center operations, and other street lighting systems. Knowledge of latest street lighting technologies and associated life cycle costs.
- (3) Provision of Financing. Describe general ability and approach to help with financing. Describe ability to ensure low rates.
- (4) Provision of Insurance. Generally describe your capability to secure insurance policies.

d. Financial Soundness

- (1) Financial Statement. The successful Respondent's most recent financial statement or annual report for each of the last three years may be required by the Town for review prior to award.
- (2) Statement of Financial Conditions. If requested by the Town, provide the most recent annual Statements of Financial Conditions, including balance sheet, income statement and statement of cash flows, dated within the past twelve (12) months. Provide the name, address, and the telephone number of individual(s) that prepared the Financial Statements.
- (3) Accounting Firm Information. If these financial documents were not produced in-house, indicate the name, address and phone number of the firm(s) that prepared these financial statements.

e. Attachments for "Qualifications and Capability of Firm" Section

Label Attachments and list here including Attachment Name, Description and Location in RFP Response. Insert attachments here at the end of this section, or include elsewhere in a clearly marked location for easy reference.

Comparative Evaluation Criteria

RFP for Energy Performance Contracting Services

Attachment D Submissions

This portion of the proposal is intended to present a description of the Respondent's qualifications. The Proposal should respond briefly to each item listed in this section and include all requested documentation. When preparing this portion of the proposal, the Respondent should clearly identify and respond to each comparative evaluation criteria.

1. Experience And Expertise

a. **Project History.**

Briefly describe all related projects that your firm has managed within the last three (3) years. Identify project references that involve systems similar in type, size or scope to the system described in the technical appendices and in similar types of locations (rural or metropolitan). Of particular interest to The Town of Arlington are projects involving municipal street lighting systems in cities, Cities in Massachusetts where your firm has administered a contract with a value in excess of \$400,000 that included, at a minimum, financial savings commitments, Town-wide energy retrofits, ongoing support services.

Projects that have been managed by individuals who will be specifically assigned to this project should also be included and identified.

If this response is from a branch office or division of a parent company, please provide project histories for those that have been managed directly by the specific branch or division.

Include the following information on each project (*no preferred format*):

Minimum Qualifications – As defined in the “Minimum Qualification” section of this document (page #5)

Project Identification. Name of project owner, type of project, location (Town, state).

Project Dates. Actual construction start and end dates

Project Size. Number of street lights, total contract amount and the total project capital cost.

List of Improvements. Type of retrofits and operational improvements related to energy reductions, and other cost savings.

Projected Annual Savings. State the projected annual energy, and O&M savings.

State the actual energy and O&M savings (kWh, kW,).

Contract Terms. Type of contract - lease purchase, contract term, and financing arrangement.

Source of Funds. Source of funds used for the project. If applicable, describe your firm's role in securing funds.

Technical Design Personnel. Include name(s) and resume (s) of primary technical design personnel.

Project Schedule. Indicate if the project was completed on schedule. If not, please explain.

Comments. Comment on any special features, services, conditions, etc.

References. Names and contact information of owner(s)' representatives who can serve as references.

b. **Personnel Information.**

- (1) Qualifications and Experience. Describe the number and quality of staff you currently have to conduct technical analysis, engineering design, construction management, construction, training and post-contract monitoring. Detail all professional licenses held by key project staff. If needed, refer to resumes in the “Site Specific Project Information” section below.

RFP for Energy Performance Contracting Services

Attachment D Submissions

- (2) Areas of Expertise. List all areas of expertise related to potential energy improvements in facilities. Also describe the professional and skilled trades that your firm customarily performs with employees.
- (3) Technical Qualifications. Point out your firm's technical qualifications.

c. **Attachments for "Experience and Expertise" Section**

Label Attachments and list here including: Attachment Name, Description and Location in RFP Response. Insert attachments here at the end of this section, or include elsewhere in a clearly marked location for easy reference.

2. Technical Approach

a. **Audit**

- (1) Technical Site Analysis. Describe your general approach to auditing street lights. What is involved? How is customer involved? Methodical approach? Level of expertise involved? Information and resources needed from customer? Provide an estimate of the amount of time your firm would likely require to conduct and prepare a complete Technical Street Light and Energy Audit of The Town of Arlington Street Lighting facilities.
- (2) Sample Technical Street Light and Energy Audit. Submit a sample technical audit conducted by your firm for a similar project (as directed in the Proposal Submittal Information). This audit must include detailed energy and economic calculations.

Sample Technical Street Light and Energy Audit and Project Development Contract. Describe any modifications your firm recommends or requires regarding the Model Technical Street Light and Energy Audit and Project Development Contract (Attachment G) referenced in this RFP.

b. **Design/Construction**

- (1) Design. Describe your firm's approach to the technical design of this project.
- (2) Standards for Roadway Lighting. Describe standards that are generally used for street lighting light levels.

c. **Financial Analysis of Existing and Proposed Illumination Systems**

- (1) Baseline Calculation Methodology. Describe in detail the methodology your firm normally uses to compute baseline of energy use as well as performance. Using utility bills and all such energy usage data as may be available relative to The Town of Arlington, develop and present a proposed baseline for energy usage against which future operational savings would be measured. Refer to Attachment E: Technical Street Light Profile, for the list of Town of Arlington Street Lighting facilities.
- (2) Adjustment to Baseline Methodology. Describe the method(s) used to adjust the energy baseline due to such factors as weather and facility use changes if applicable. Describe factors that would necessitate such adjustment.

Billing and Invoices. Describe your standard billing procedures and attach a sample invoice.

d. **Attachments for "Technical Approach" Section**

Label Attachments and list here including Attachment Name, Description and Location in RFP Response. Insert attachments here at the end of this section, or include elsewhere in a clearly marked location for easy reference.

3. **Construction Issues**

- (1) Environmental Liability. State your firm's position with respect to the acceptance of liability for any hazardous materials encountered during the course of the project. The Town requires that

RFP for Energy Performance Contracting Services
Attachment D Submissions

RESPONDENT will assume all responsibility for proper handling, storage and disposal of environmentally sensitive equipment such as, but not limited to, fluorescent lamp and HID fixture ballasts containing or suspected of containing PCBs, fluorescent or HID lamps containing mercury. State whether acceptance of environmental liability and compliance with all state environmental laws for activities related to construction during the contract period is typical for your firm.

- (2) Equipment Ownership and Service Responsibility. If any equipment would not become property of the Town upon installation, describe the status of equipment ownership and identify which types of equipment would become the property of the Town upon installation and which types, if any, of equipment would be owned by the RESPONDENT, or any other party, at any stage during the contract period. Describe RESPONDENTs proposed service responsibility, if any, for each type of equipment during the contract period and at contract expiration.
- (3) Warranties. State the nature and term of typical warranties and state how warranties on equipment that is expected to become property of the Town upon installation would be transferred to the Town.

4. Site-Specific Approach

a. Project Scope

- (1) Types of Services. Summarize the scope of services (auditing, design, construction, monitoring, operations, maintenance, training, financing, etc.) offered for this project.
- (2) Potential Projects. Based on your preliminary assessment of the information provided, describe any equipment modifications, installations or replacements that your firm would consider installing as a part of this project. Address all potential energy saving opportunities. Also describe any special features, renewable technologies, or advanced technologies that might be applicable. Describe any special features or services associated with your proposed improvements that would add value to Customer.
- (3) Critical Phase Projects. Based on your organization's assessment of street lighting areas identified herein as being priority sites where the Town requires accelerated design, engineering, and construction activity, discuss the ability of your firm to address these critical projects on an accelerated timetable that would result in substantial completion of construction activities at priority locations before _____, 201__.
- (4) Attach all computations for the recommended projects with full documentation of methods, assumptions and input data, and the energy cost savings in units of energy, current dollars, useful life, and savings verification method.
- (5) Benefits. Describe the specific benefits your firm can offer.
- (6) Are there any potential improvements your firm will not consider? If so, please list these improvements and briefly indicate why they are not recommended for consideration.

b. Relevant Experience to Apply to This Site

- (1) Areas of Expertise. List all areas of expertise related to potential energy improvements in street lighting systems. Include specialized areas of expertise in areas that might be relevant to the project. Also describe the professional and skilled trades that your firm customarily performs with its employees.
- (2) Experience in Similar Projects. Identify projects your firm has completed that are similar in size, scope, facility type, and retrofit opportunity and present as follows:
Estimated size of this project (number of lights): _____
Number of similar projects completed _____

RFP for Energy Performance Contracting Services
Attachment D Submissions

In the US: _____

In a multi-state region including _____: _____

In _____: _____

Number of similar type projects completed: _____

Reference projects in the "Experience and Expertise" section if needed.

c. Project Management

- (1) Management Approach. Briefly describe your firm's approach to managing this project.
- (2) Qualifications and Experience of Staff Assigned to this Project. Identify the individual who will have primary responsibility for each task and phase of the project. List name, title, intended role and responsibilities for the duration of the contract, educational background, specific qualifications related to role and responsibilities, past relevant experience, number of years of relevant experience, supervisory responsibilities if relevant, list of projects individual was associated with during the last five (5) years including type of project and project cost and resume. Tasks and phases to address include technical analysis, engineering design, construction management, construction, training and Maintenance reporting/monitoring. Indicate the percent of time each person is available to work on this project.
- (3) Subcontractors. Describe the nature of work that will likely be conducted by subcontractors. Describe your willingness to use local subcontractors or subcontractors specified by Customer.

d. Technical and Construction Issues

- (1) Construction Management. Describe how your firm would work with current facilities management and maintenance personnel in order to coordinate construction and avoid conflicts with other ongoing or scheduled projects. Describe your flexibility and/or any limitations regarding possible Customer activities.
- (2) Project Schedule. Propose a preliminary project schedule for achievement of all the major project milestones subsequent to approval of the Technical Street Light Audit, including:
 - (a) Contract development and approvals
 - (b) Execution of energy performance contract
 - (c) Design, engineering and preparation of detailed plans for review and permitting
 - (d) Obtaining all required permits and government approvals
 - (e) Procurement of all major equipment
 - (f) Commencement and completion of installation
 - (g) Training of facility personnel as/if applicable
 - (h) Commissioning and commencement of normal operation
- (3) Operations and Maintenance. Describe any major changes in operations or maintenance of the facilities that your firm foresees based on the information provided. Describe any proposed maintenance responsibilities of your firm. Describe how your firm would provide appropriate training in operations and maintenance of installed improvements as may be applicable. RESPONDENTs should also identify all personnel who would be proposed to provide any preventive maintenance services, licenses held, whether they are to be employees of the responding company, and their applicable years of experience.
- (4) Standards of Lighting Levels. Describe standards of comfort and functionality that your firm would propose for light levels on various roadways and other lit public areas.

e. Attachments for "Site Specific Approach" Section.

RFP for Energy Performance Contracting Services
Attachment D Submissions

Label Attachments and list here including Attachment Name, Description and Location in RFP Response. Insert attachments here at the end of this section, or include elsewhere in a clearly marked location for easy reference.

5. **Cost and Pricing, (Provide all pricing in a Separate Sealed Envelope)**

List and Describe any and all costs, such as required for complete project installation, and also include a separate maintenance cost schedule.

ATTACHMENT E: EVALUATION CRITERIA

The Committee will rank order the proposals in each area of evaluation assigning a point value of 10 to the best and 1 to a proposal that is incomplete or poorly done. Where two approaches are deemed equal they may be assigned the same value although it is preferable some differentiation is made. The sum of the points assigned by all evaluators will establish the score of each respondent. Based on the outcome of the evaluation and scoring the Towns may choose to interview one or more of the Respondents to make a final determination. The following will be evaluated. :

1. Qualifications and Capability

a. Responsive Proposals Complete (Y/N)

- i. Response Form (Attachment K)
- ii. Certifications and Update Statements
- iii. Registration for Site Visit if applicable
- iv. Signature Form
- v. Affirmative Action
- vi. Certificate of Good Standing
- vii. Sample Technical Audit

b. Responsible Respondents Response acceptable (Y/N)

- i. Qualifications and Capability
 1. General Firm Information
 2. Experience of Firm
 3. Scope of Services
 4. Financial Soundness

2. Experience and Expertise responses

- a. Project History
- b. Personnel Information/Qualifications

Respondents will be evaluated as to their experience with like projects in Massachusetts and familiarity with all aspects of completing a conversion project and working with a municipality.

3. Technical Approach responses

- a. Audit

Does the respondent have a clear understanding of the audit requirements in order to complete the required design. Are all factors taken into account.

- b. Design/Construction responses

- c. **Will the design incorporate high quality materials that come from a proven manufacturer? Such factors as US manufactured, manufacturers history and financial strength, volume of sales etc may be considered.**Engineering Analysis responses

Does the respondent demonstrate a clear knowledge of the NSTAR requirements for processing the required documents for the incentives and billing adjustments as evidenced by prior experience and sample documents provided. Does the solution offered have the optimum return on investment based on relevant factors and will it

**RFP for Energy Performance Contracting Services
Attachment E Evaluation Criteria/Scoring**

provide the required lighting levels? Are the energy savings correctly computed and consistent with NSTAR billing methods for street lighting under the current tariff structures.

d. Relevant Experience

Respondent has relevant experience and demonstrated capability to complete all aspects of the conversion project in Massachusetts.

e. Project Management

Does the project team include individuals with appropriate credentials, that possesses project management experience sufficient to manage the project scope, and all aspects of the project from the audit phase to the final billing adjustment verification.

f. Technical Construction Issues

g.

Are proposed Energy Conservation Measures (ECMs) are judged to be technically feasible and one or more display unusual technical innovation or creativity. Project uses products with well known high level of reliability and performance (>85 lumens per watt) and meet ARRA compliance and are DLC certified or expected to be certified by project completion.

4. Cost and Pricing responses

a. Cost of Audit

Is the information relative to Cost of Audit is sufficient, and contains all of the necessary elements to allow Town of Arlington to evaluate the proposal and is outstanding in its explicitness and comprehensibility.

b. Markups and Fees

Are RESPONDENTs markups and fees are reasonable and supported by all appropriate supporting cost data and exhibit a particular sensitivity toward cost containment

c. Other Costs

Does the RESPONDENTs adequately describe identified costs which are then supported by all appropriate supporting cost data

d. Financial Return and Determination of Best Value. The best value will be determined by two factors:

The best total package of street lighting improvements offering the greatest total financial return to The Town of Arlington over the length of the contract; and ,

The best protection of The Town of Arlington against risk, based on the proven track record of the Respondent and project team.

1. **QUALIFICATIONS AND CAPABILITY (Scoring Weight: 30%)**

a. **General Firm Information**

b. **Experience of Firm. General experience in energy-related and performance contracting services.**

c. **Scope of Services. Comprehensiveness of management, maintenance and monitoring services offered.**

RFP for Energy Performance Contracting Services
Attachment E Evaluation Criteria/Scoring

- d. **Financial Soundness. Financial soundness and stability of the RESPONDENT. Completeness and strength (financial viability) of most recent annual financial statements.**

2. **EXPERIENCE AND EXPERTISE (Scoring weight: 20%)**
 - a. **Project History.** Quality of past projects completed with respect to scope and documented savings.
 - b. **Personnel Information.** Qualifications, certifications, licenses and relevant experience of the staff in similar, project management and other areas of importance.

3. **TECHNICAL APPROACH (Scoring Weight: 20%)**
 - a. **Audit.** Quality of the sample technical audit, as completed by the person(s) responsible for project technical design.
 - b. **Design/Construction.** Overall approach.
 - c. **Engineering Analysis.** Reasonableness of methodologies to determine the baseline and savings.

4. **SITE SPECIFIC APPROACH (Scoring Weight: 10%)**
 - a. **Project Scope for This Project.** Understanding of existing conditions, systems and operation and maintenance projects. Responsiveness to adapting control strategies, equipment and maintenance practices in response to changes in utility rates, and technology in order to enhance project performance. Comprehensiveness and clarity of the technical approach to this project based on improvements likely to be included. Relevance and benefits of proposed retrofits for these facilities.
 - b. **Relevant Experience to Apply to This Site.** Relevance and documented savings of past projects completed that are similar in size, scope.
 - c. **Project Management for This Project.** Management approach and relevant qualifications of key personnel assigned to the project involved in technical auditing and design, project management and construction, with respect to the size and scope of this project.
 - d. **Technical and Construction Issues.** Construction management, scheduling, operation and maintenance approach, approach to compatibility/openness/standardization of equipment, standards of lighting and provision of insurance.

5. **COST AND PRICING (Scoring Weight: 10%)**

A qualifications-type analysis will be used to evaluate costs, with an emphasis on the approach to pricing and reasonableness of pricing. This will involve a combination of “price analysis” and “cost analysis” such that the project evaluation team will use judgment, knowledge and experience to determine reasonableness and consistency, and to evaluate costs based on established catalog and market prices, historical prices and independent cost estimates.

**RFP for Energy Performance Contracting Services
Attachment F Installation Quantities**

ATTACHMENT F: Technical Existing Street Lighting Facility Profile

Arlington

Current Type	Current Quantity
Type/Wattage/Lumens	
MV 100w 3500	1
HPS 50w 4000	1840
HPS 100w 9500	15
MV 250w 11000	1
HPS 250w 25000	220
45000	1
subtotals	2170

Woburn

Current Type	Current Quantity
Type/Wattage/Lumens	
Post Top Decorative Acorn 150w MH 12,000	103
HPS 50w 4000	301
HPS 100w 9500	283
HPS 150w 16000	270
HPS 250w 25000	267*
HPS 400w 45000	7*
subtotals	1231

*Note Woburn 250w and 400w fixtures to be replaced with 150w HPS equivalent. Project is Arterials and City Square Common only

Chelsea

Current Type	Current Quantity
Type/Wattage/Lumens	
HPS 50w 4000	1
HPS 70w 5800	985
HPS 100w 9500	205
HPS 150w 16000	16
HPS 250w 25000	415
subtotals	1622

Natick

Current Type	Current Quantity
Type/Wattage/Lumens	
Incandescent 187w 2500	1
MV 100w 3500	14
MV 250w 11,000	1
HPS 50w 4000	1874
HPS 100w 9500	224
HPS 150w 16000	1
HPS 250w 25000	184
HPS 400w 45000	2
subtotals	2377

An inventory list by pole/street is available upon request.

SAMPLE PERFORMANCE CONTRACT STREET LIGHTING FACILITIES

ATTACHMENT G: Model Energy Performance Contract

**RFP for Energy Performance Contracting Services
Attachment G Sample Contract**

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Attachment G Sample Contract

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**RFP for Energy Performance Contracting Services
Attachment G Sample Contract**

Preamble

This Energy Services Agreement (hereinafter “Contract”) is made and entered into as of (“Effective Date”) by and between [insert name of Company] (hereinafter “CONTRACTOR”), a based Corporation having its principal offices at _____, and Town/City of _____ (hereinafter “the Customer”), through its [Municipal Agency (if appropriate)], having its principal offices at (address), for the purpose of furnishing certain equipment and work specified herein (“Work”), and assuring the performance of said Work, designed to conserve energy and improve the reliability of the Town street lighting system, at Customer properties as listed in **Attachment 1** (hereinafter “the System”, which are more particularly described in **Attachment 1** attached hereto). This Contract is conditional upon the Customer obtaining financing from an appropriation, a regulated lender or municipal lessor in an amount not less than the Contract Price under such terms as are satisfactory to the Customer, provided Customer shall diligently pursue such financing and such terms are customary, reasonable and in compliance with pertinent laws and regulations.

Definitions

Key terms used within this contract are defined as follows:

Energy Baseline – The energy baseline is a calculation or measure of each type of energy consumed in existing facilities, prior to the installation of energy conservation measures.

Energy Conservation/Efficiency Measure (ECM or EEM) — A set of activities designed to increase the energy efficiency of the facility. The installation of new equipment or modification or alteration to existing equipment to reduce energy costs by improving efficiency.

Energy Savings – The reduction of energy consumption or electrical demand resulting from the CONTRACTOR’s energy efficiency measures. Energy savings shall be determined by comparing the energy baseline with the energy consumed (or demand) after the CONTRACTOR has implemented energy conservation measures.

Substantial Completion Date – The date on which the CONTRACTOR warrants by written notice that the ECMs are substantially complete and producing savings equal to or greater that the guaranteed savings.

Termination Value – The amount the Customer pays to CONTRACTOR after the Substantial Completion Date to terminate this agreement.

1. Contract Documents

It is understood and agreed that the following documents, attachments, and schedules and any amendments or addenda thereto, comprise this Agreement:

2. List all attachments, schedules and documents, for example

Attachment 1: Description of the System
Attachment 2: Payment Schedule
Attachment 3: Certificates
Attachment 4: Technical Audit (including revisions)
Attachment 5: Equipment and Material Warranties
Attachment 6: Baseline Data and Projections
Attachment 7: Bonds

3. Representations and Warranties

Each party hereto represents and warrants to the other that (i) it has adequate power and authority to conduct its business as presently conducted or contemplated hereby to be conducted to enter into this Contract and to perform its obligations hereunder and that (ii) it possesses full authority to execute and deliver this Agreement and that it does not contravene any applicable law, rule or regulation.

4. Price and Terms

4.1 Contract Price

As payment for CONTRACTOR's Work, Customer shall pay CONTRACTOR the sum of _____ dollars (\$), ("Contract Price"). To the extent that materials and supplies are used or incorporated in the performance of Contract, CONTRACTOR is considered an exempt purchaser under the Massachusetts Sales Act, Chapter 14 of the Acts of 1966. CONTRACTOR shall be responsible for paying all other taxes and tariffs of any sort related to the Work.

4.02 Payment Terms

Describe any agreed upon payment terms.

Initial Payment: Upon receiving funds from its lender or municipal lessor, an amount of _____ dollars (\$) shall be paid for performance under the Technical Audit Agreement ("Agreement"), mobilization and other costs incurred prior to commencement of Work. Thereafter the Contractor shall receive the agreed on fixed monthly fee for maintenance of the system and any sum due for agreed on Capital improvements satisfactorily completed during the previous month.

Progress and Final Payments: A Payment Schedule as proposed pursuant to the Agreement is attached hereto as **Attachment 2**. CONTRACTOR shall make best and reasonable efforts to comply with said schedule and shall periodically invoice on a progress basis all Work using the appropriate Application and Certification for Payment,

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Certificate of Substantial Completion or Certificate of Final Completion form attached as **Attachment 3**. Customer shall pay all amounts due upon receipt of such properly executed form.

4.3 Contract Termination

This Contract shall terminate ten (10) years after Final Completion unless otherwise agreed to in writing pursuant to this Contract.

5 The Work

5.01 Time for Performance and Final Completion

CONTRACTOR shall commence Work within five (5) days of Customer sending the CONTRACTOR a Notice to Proceed, which Customer shall send upon closing financing. CONTRACTOR shall substantially complete Work within the prescribed timeframe agreed to by both parties for each phase of the conversion and capital improvements. Extension of dates to commence or complete Work is at the sole discretion of the Customer. Approval for an extension of dates to commence or complete Work shall not be unreasonably withheld if the cause for an extension is pursuant to Sections 5.03, 5.06, 5.08, 5.12, 5.13, or 9.02. It is anticipated all work must be substantially complete not later than 31 December 2012 in order to comply with the NSTAR incentive requirements. Following the substantial completion of work the CONTRACTOR will provide any warranty repairs at no cost to the City/Town for the duration of the Warranty period. In addition the CONTRACTOR shall provide any minor repairs on an on call basis or as otherwise agreed to by both parties to ensure the full operation of the system.

5.02 Specifications of Work

CONTRACTOR's obligations hereunder are specified in **Attachment 4: Technical Audit** and related drawings and plans and any subsequent revisions thereto ("Technical Audit"), as approved by the Customer. Excluded from the Work are any modifications or alterations to the properties not expressly included within the Work. The requirements of all applicable laws, regulations and codes of federal, state, and local town or Town government shall be met at all times. All Work shall be performed in a good and workmanlike manner.

5.03 Construction Procedures, Changes to Work and Coordination

CONTRACTOR shall supervise and direct the Work using its best ability, skill, attention, and oversight. CONTRACTOR, in consultation with Customer, shall be responsible for the construction means, methods, techniques, sequences, and procedures. The Customer shall review all proposed modifications to the building and systems and must approve of same prior to commencement of any work; such approval will not be unreasonably withheld. No change to the scope or specifications of Work shall be made without the written consent of the Customer, in the form of a revision to the Technical Audit. If CONTRACTOR fails to correct Work which is not in accordance with the specifications or persistently fails to meet specifications herein, Customer, by written order signed personally or by its authorized agent, may order CONTRACTOR to stop the Work, or any portion thereof, until the cause for such order has been eliminated.

CONTRACTOR shall perform the Work in such a manner as not to harm the structural integrity or operating systems of any building and shall repair and restore any damage caused by the Work at CONTRACTORs expense.

CONTRACTOR shall not create or allow to continue any condition deemed to endanger health or safety as defined in Section 6.01 and if such a condition exists Customer shall have the right to exercise the remedies described therein.

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A detailed operational plan showing the sequence of operations and a recycling and disposal plan which maximizes recycling shall be included in the Technical Audit (**Attachment 4**). Any changes to these plans are subject to the approval of the Customer

CONTRACTOR shall supply to the Customer the telephone number of a responsible person who may be contacted during non-work hours for emergencies arising in connection with or effecting the Work.

CONTRACTOR shall coordinate any utility hookups provided by others under a separate agreement at no additional cost or expense to the Customer.

CONTRACTOR and its employees, subcontractors and agents shall not smoke within any building; including basements.

5.04 Relationship with Maintenance Staff

CONTRACTOR shall cooperate with Customer's operating and maintenance personnel, train said personnel in operation and maintenance of any equipment installed as part of the Work, and coordinate the Work on a planned and programmed basis. CONTRACTOR shall deliver a preventive maintenance schedule and procedures for any equipment installed as part of the Work. No equipment shall be installed which will require additional personnel to be hired by the Customer for the operation or maintenance of said equipment.

5.05 Material and Equipment Installed

The Customer shall make the final determination whether any material or equipment installed is as specified in CONTRACTOR's Response to the Request for Responses ("RFQ"), which is incorporated in this Contract by Section 9.13 below, and the Technical Audit. No substitution of any material or equipment specified shall be made without the written consent of the Customer in the form of a revision to the Technical Audit, and any such substitution shall be at least equal in quality, finish, durability, serviceability and performance for the purpose intended.

CONTRACTOR shall install and, when applicable, operate and maintain, or, if specified in the Technical Audit, train Customer personnel to operate and maintain equipment in a manner that will provide standards of service to meet requirements of Section 5.02 and equipment manufacturers' literature, specifications and instructions. CONTRACTOR shall prepare and furnish at least three (3) Maintenance Manuals that include product data and which are subject to acceptance by the Customer for all equipment installations at each property.

5.06 Asbestos and Hazardous Materials

CONTRACTOR will be responsible for proper disposal of construction demolition debris and other solid or hazardous wastes. The CONTRACTOR will be responsible for proper disposal of all ballast's containing or suspected of containing PCBs and fluorescent lamps containing mercury. Disposal plans must be documented and appropriate transportation and disposal documents prepared before disposal commences and actual disposal must be documented immediately after disposal.

- 1) Hazardous waste can only be disposed of at a DEP/EPA licensed hazardous waste treatment, storage, and disposal facility.
- 2) "Special Waste", such as asbestos (Asbestos, asbestos-containing material, formaldehyde, or other potentially toxic or otherwise hazardous material. Check Department of Environmental Protection for any updates on the definition of special waste), can only be disposed of at a DEP and Town Board of Health licensed landfill or DEP/EPA licensed

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recycling facility which is permitted to receive the particular type of special waste involved. The license should reflect the types of wastes that can be received for disposal at the landfill. In the event that friable asbestos is encountered and must be disturbed during the course of this contract, the Customer's Director of Physical Plant or his designee shall be notified and work in the affected area shall cease until a remediation plan is agreed upon. This shall not affect the savings allocation, but an extension of the completion date may be granted equal to the time lost. Contractor shall have taken into account all available asbestos studies provided by the Customer during the audit phase of the project.

3) Demolition debris can only be disposed of at a DEP and Town Board of Health licensed municipal sanitary landfill or DEP/EPA licensed recycling facility. The landfill or recycling facility must be permitted to receive the type of waste involved.

5.07 Subcontracting

CONTRACTOR may subcontract part of the Work to others provided any subcontractors are identified in CONTRACTOR's Response to the RFQ or in the Technical Audit. CONTRACTOR may, with the written consent of the Customer in the form of a revision to the Technical Audit, substitute a subcontractor for one so identified or, if no subcontractor for a certain trade or task has been so identified, engage one. CONTRACTOR shall be responsible for the conduct, acts and omissions, whether intentional or unintentional, of its subcontractors, employees, agents, invitees or suppliers. Nothing in this Contract shall create any contractual relationship between any subcontractor, employee, agent, invitee or supplier and the Customer.

5.08 Delays

If CONTRACTOR is delayed in the commencement or completion of any part of the Work due to events beyond CONTRACTOR's control and without the fault or negligence of the CONTRACTOR, including but not limited to fire, flood, extended labor disputes, unusual delays in deliveries, unavoidable casualties, abnormal adverse weather, war, and acts of God, or due to Customer's actions or failure to perform its obligations under this Contract or to cooperate with the CONTRACTOR in the timely completion of the Work, then CONTRACTOR will notify Customer

in writing of the existence, extent of, and reasons for such delay. CONTRACTOR shall have no

claim for additional compensation on account of such delays but CONTRACTOR and Customer may extend the contract time by revision to the Technical Audit for such reasonable time as they shall agree.

5.09 Equipment Location and Access

Buildings will be occupied during construction. CONTRACTOR shall take all necessary precautions to ensure the public safety and convenience of the occupants during construction. The CONTRACTOR shall complete the Work in accordance with the schedule in Attachment 2. CONTRACTOR must use sufficient personnel and adequate equipment to complete the Work pursuant to Section 5.01. The Work must be completed in a continuous uninterrupted operation between the hours of 8:00 AM and 4:30 PM on Monday through Friday, unless otherwise authorized in writing by the Customer. No Work is to be done on holidays, Saturdays, or Sundays other than for emergencies.

The CONTRACTOR is responsible for the security of partially completed work and for materials or equipment stored at Customer properties. Only materials and equipment intended and necessary for immediate use shall be brought into the buildings. Equipment and unused materials shall be removed from each building by the end of each workday. The Customer shall provide if available, without charge, a mutually satisfactory location or locations for the storage and operation of materials and equipment and the performance of the Work, including a location for staging and mobilization.

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Flammables and combustibles shall be stored only in accordance with Fire Prevention Regulations (527 CMR 1.00-50.00). In the event that the Customer is unable to provide a satisfactory location then CONTRACTOR shall provide and pay for suitable storage.

5.10 Permits and Fees

CONTRACTOR shall secure and pay for building and other permits and governmental fees, licenses, and inspections necessary for proper performance and completion of the Work that are required by federal, state, or town or Town governments. In the event that fees for any permits are reduced or waived by request, standing or intervention of the Customer, then, at the Customer's option, the amount of the savings of the fee shall be deducted from the line item in the Work budget and added to the contingency line item or the Contract Price reduced by that amount

5.11 Utilities

The Customer shall provide and pay for water, heat, and utilities consumed by the CONTRACTOR during performance of the Work. The CONTRACTOR shall install and pay for any facilities or modifications not already in existence that are necessary to access such water, heat, and utilities during the Work.

5.12 Concealed or Unknown Conditions

If CONTRACTOR finds conditions during the Work that are subsurface or otherwise concealed physical conditions that differ materially from those indicated on the drawings or are unknown physical conditions of an unusual nature that differ materially from those conditions ordinarily found to exist and generally recognized as inherent in similar construction activities, CONTRACTOR shall notify Customer of such conditions promptly, prior to significantly disturbing the same, and in no event later than one (1) business day after first observing the conditions. Such conditions may include, but are not limited to, water damage, termite damage, or structural building defects. If such conditions differ materially and cause an increase in the CONTRACTOR's cost of, or time required for, performance of any part of the Work, the CONTRACTOR shall submit a written estimate of the material and labor cost increase and time delay. If the Customer concurs with the need, cost estimate, and time delay, Customer and CONTRACTOR shall make an equitable adjustment in the Contract Price or Time for Performance and Final Completion, or both. Pursuant to Section 5.08 above, CONTRACTOR shall not be entitled to damages for delay. In no event shall the Contract Price be increased by more than ten percent (10%).

5.13 Casualty, Condemnation, Damage

If any fire, flood, other casualty, or condemnation renders a portion of any property described in Attachment 1 unsuitable for habitation or destroys a substantial part of the area within which the Work is to be performed or which the Work affects, the Customer and CONTRACTOR may terminate or modify this Contract by mutual agreement. The Customer shall pay CONTRACTOR for all Work completed to the date of termination. If any materials or equipment are damaged by the negligence or willful misconduct of an employee, agent or invitee of Customer, Customer shall repair or replace said item within a reasonable period of time, or, adjust the Contract Price to pay for repair or replacement or adjust Time for Performance and Final Completion, or both.

5.14 Standards of Service and Comfort

The following facility performance requirements of service shall apply throughout the Agreement term: Operational rate of 90% will be maintained and existing or approved lighting levels will be maintained for all locations.

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5.15 Shutdown of Services

CONTRACTOR hereby acknowledges that continuous operation of services, including but not limited to heat, water, domestic hot water, electricity, gas, sanitary facilities, elevators, fire alarms or protections, and access to the property, or common areas is essential to the operation of the Customer's properties. If any such service, or access to the property, or any common area is to be discontinued for any period of time in order to perform the Work, CONTRACTOR shall give the Customer as much notice in writing as is practicable, but in no event less than seven (7) days in which event the Customer shall, by written response, approve unconditionally or with conditions such shutdown of services. Such conditional approval may include a requirement for the CONTRACTOR to provide and pay for temporary services, may limit the time period for which services or access may be shut down, or may require other actions, accommodations or expenditures on the part of the CONTRACTOR. With respect to fire alarm or other fire protections, CONTRACTOR shall also notify the local fire department of any shutdown of service and notify the fire department when such service is restored.

The Customer acknowledges that such shutdowns may be necessary to perform the Work from time to time and will not unreasonably withhold approval. The Customer agrees to communicate with occupants on plans to shut down services or access and temporary measures, if any, which will be made.

5.16 Indemnification and Limitation of Liability

CONTRACTOR shall be responsible for the Work and take all precautions for preventing injuries to persons and property in or about the Work and shall bear the costs of all losses or damages resulting from or on account of the Work. The CONTRACTOR shall pay or cause payment to be made for all labor performed or furnished and for all material used or employed in carrying out this Contract. CONTRACTOR shall assume the defense of, indemnify and hold harmless the Customer, their officers and agents from all claims relating to:

- 1) Labor performed or furnished and materials used or employed for the Work,
- 2) Inventions, patents and patent rights used in and in doing the Work,
- 3) Injuries to any person received or sustained by or from the CONTRACTOR and its employees, subcontractors and its employees, any agents, suppliers and invitees in doing the Work, or as a consequence of any improper materials, implements of labor used or employed therein, and
- 4) Any act, omission, or neglect of the CONTRACTOR and any employees, subcontractors and employees, agents, suppliers and invitees.

6. Performance and Evaluation Subsequent to Work

6.01 Workmanship and Equipment Warranty

CONTRACTOR hereby assigns to the Customer all warranties of all equipment and materials used in the Work. Attachment 5 lists equipment and material warranties, however, failure to include any equipment or materials having a warranty neither excludes said equipment or materials from the provisions of this section nor CONTRACTOR's responsibilities hereunder.

CONTRACTOR warrants that, for a period of ten years from the date of the Certificate of Final Completion ("Warranty Period"), all installed equipment, materials and Work shall be free from defects in material, manufacture, workmanship and performance as set forth by the catalogs, bulletins and specifications included within CONTRACTOR's Response to the RFQ or Technical Audit, whichever is appropriate. If such defect occurs within the Warranty Period,

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CONTRACTOR shall correct and pay for correction of all defects including replacement or repair and all parts and labor. Any work other than warranty work shall be paid in accordance with the CONTRACTOR's submitted pricing schedule. All repairs will be completed within five working days of the notice of defect except where repair requires the work of NSTAR.

CONTRACTOR warrants that, for any equipment or materials used in the Work with a warranty period in excess of one year, CONTRACTOR shall correct all defects including replacement or repair provided that CONTRACTOR's obligation is limited to the terms of the warranty and provided further that the Customer, by mutual consent with CONTRACTOR, may correct said defect.

All warranty liability shall attach to the CONTRACTOR except as may be separately agreed to in writing. CONTRACTOR's warranties expressly exclude any remedy for damage or defect caused by abuse, improper operation, unapproved modifications or improper repairs not performed by CONTRACTOR.

If CONTRACTOR, upon notice from the Customer, fails to correct defective equipment, materials or Work within a reasonable period of time, but no less than one hundred and twenty (120) hours, unless such defect is a condition deemed to endanger health or safety or is a fire hazard or the parties or other agreed to time for completion or the repair requires the work of others, Customer may correct any defect and CONTRACTOR shall reimburse Customer for its reasonable expenses incurred in performing such correction subject to any limitations contained within this section. Conditions which are deemed to endanger under the State Sanitary Code (105-CMR 410.000) or are fire hazards under Fire Prevention Regulations (527 CMR 1.00-50.00) shall be addressed promptly and jointly, if necessary, by CONTRACTOR and Customer assuring that immediate precautions are taken to avoid risk to persons or property, imminent measures are taken to prevent deterioration of condition, occupants are alerted to any dangers or hazards, and steps for final correction taken within twenty four (24) hours.

6.02 Evaluation of Savings Achieved

The energy and water savings that occur after the Work shall be determined by the difference between actual consumption and baseline consumption as shown on Baseline Data and Projection (Attachment 6), changes in the manner in which energy may be used other than manner of use which has been incorporated as part of the Work. CONTRACTOR shall monitor Customer's energy bills at properties subject to the Work for energy usage and shall report quarterly, within fifteen (15) business days after receiving bills for said period, comparing actual usage to the baseline and projections with detailed explanations of variations in savings, including shortfalls, to the Customer. The Customer may waive this reporting requirement once he is satisfied the savings are being achieved. The determination and evaluation of savings shall be consistent with procedures and methods described in the RFQ and the Technical Audit.

CONTRACTOR shall prepare an annual report pursuant to 225 CMR 10.07 for submission to the Customer in a form suitable for review and **subsequent forwarding to the DOER.**

The Customer shall notify CONTRACTOR of substantive changes in the properties or the operation or occupancy thereof which could affect energy or water use. Such substantive change shall be incorporated in the determination and evaluation of savings.

The obligations under this Article are also described in the RFQ and the CONTRACTOR's response thereto, and incorporated herein by reference as described in Section 9.13. CONTRACTOR shall be compensated at the rate of _____ dollars (\$ _____) per quarter for monitoring and reporting services, payable no later than forty-five (45) days after receipt of the quarterly report as described above, provided such compensation shall be payable only if available from savings after any scheduled financing expenses or interest are paid.

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6.03 Performance Guarantee

CONTRACTOR guarantees to the Customer the following:

- 1) Products provided by the CONTRACTOR meet or exceed the published catalog ratings and that these ratings were accurately used in the calculation of energy savings estimates,
- 2) Representations made concerning energy consumption in its estimates are accurate, and
- 3) Based on the projected use of energy and water for the equipment, conditions and operations in place at the time of completion of the Work, which the Customer and the CONTRACTOR have agreed to and documented in Baseline Data and Projection attached hereto as Attachment 6, the Customer will save at least _____ dollars (\$ _____) per year, and/or _____ dollars (\$ _____) during the term of this Contract.

6.04 Performance Remedies

CONTRACTOR shall be bound to both the annual and total guaranteed savings stated in this section. If, during the term of this Contract, the utility savings are less than the guaranteed amount, CONTRACTOR shall be required to implement one or more of the following remedies, such remedies to be at the sole and exclusive discretion of the Customer:

- 1) Within forty five (45) days after determination that actual savings are less than guaranteed, modify the installation at no cost to the Customer so that the guaranteed savings rate as projected in Attachment 6 is attained, and pay or credit, at the Customer's option, to the Customer an amount equal to the difference in the actual savings, if any, and the guaranteed savings, and/or
- 2) Pay or credit the Customer, at the Customer's option, an amount equal to the difference between the actual savings, if any, and the guaranteed savings, as projected in Attachment 6.

6.05 Security for Performance Guarantee

CONTRACTOR shall provide security for the guaranteed savings to the Customer in one or more of the following forms as mutually acceptable to CONTRACTOR and the Customer:

- 1) An efficiency bond, so called, prepaid and renewable annually in a face amount equal to the annual projected guaranteed savings, said bond to be placed with a regulated financial institution with a Best Rating of not less than A, or a comparable rating from a recognized financial rating firm,
- 2) Escrow account equal to the annual projected guaranteed savings, or
- 3) Letter of credit, prepaid for an amount equal to the annual projected guaranteed savings, from a regulated financial institution with a Best Rating of not less than A, or a comparable rating from a recognized financial rating firm.

The Customer may waive the security requirements herein provided:

- 1) The actual savings have met or exceeded projected savings for a period of not less than three years, and
- 2) The actual savings in the most current year exceed projected savings by not less than 25%, and

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- 3) All Work and equipment are functioning as intended and no extraordinary shutdowns or replacements are anticipated, and
- 4) The financial condition of CONTRACTOR, as indicated by standard financial ratio tests applied to audited statements which include contingent liabilities for other Contracts of this kind, is at least as strong as the financial statement submitted with CONTRACTOR's Response to the RFQ, and
- 5) The savings incurred as a result of this waiver inure to the benefit of the Customer, and
- 6) Said waiver may be cancelled by the Customer upon thirty (30) written notice to CONTRACTOR at which time CONTRACTOR shall provide security as required herein.

6.06 Independent Audit

The Customer shall have the right to retain, at its own expense, an independent certified public accountant to complete and submit to the parties an audit of the calculations of Energy Cost Savings made pursuant to this Contract. Any audit so performed must use and incorporate the same methods, procedures, and assumptions as contained in this Contract and used by CONTRACTOR to perform the calculations undergoing an audit pursuant to this Section. Any payments between the parties necessary to resolve any irregularities identified in the audit shall be made within thirty days after submission of the audit to the parties. If, after thirty days, the parties are unable to agree upon the adjustment, the matter shall be submitted to resolution pursuant to Section 9.01, and the disputed portion of any additional payment due under this Section shall not be payable until the dispute resolution procedure required in Section 9.01 has been completed.

6.06 Other Performance Terms and Conditions

All actions taken under Section 6, including but not limited to correction of warranties, remedy of performance shortfalls and maintenance of equipment by CONTRACTOR, shall conform with sections 5.02 through 5.16 inclusive. Other performance terms and conditions, if any, are described and incorporated herein as Other Performance Terms and Conditions on Attachment 7.

6.07 Contract Closeout Responsibility

Prior to any final payment made pursuant to Section 4 and the termination of the Contract, CONTRACTOR shall perform a walk-through survey of the installed properties covered by this Contract and amendments thereto and prepare an assessment of the condition of the equipment and materials installed as part of the Work and subsequent thereto under this Article. This closeout report shall include but not be limited to the following, as appropriate:

- 1) Operating and maintenance recommendations during the remaining life of equipment installed if different from requirements furnished upon installation or if changes in technology or procedures affecting the equipment could extend the useful life of the equipment or increase the conservation efficiency,
- 2) An overview of new technology or additional conservation measures for the Customer to consider.

7. Obligations of the Parties

7.01 Obligations of the CONTRACTOR

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CONTRACTOR acknowledges and agrees that CONTRACTOR's obligations hereunder are in the capacity of providing professional services for the purposes described in the Preamble to this Contract and in said capacity is expected to provide energy auditing, engineering, design and monitoring services, construction management including general contracting as necessary, and other related services as solicited in the RFQ and as may normally be incidental to these types of professional services. CONTRACTOR acknowledges and agrees that any other functions including but not limited to manufacturer's representative, dealer or distributor of equipment, materials or commodity specified herein or as subcontractor, or ownership in whole or in part or financially affiliated with a company which performs such other function shall constitute a conflict of interest which shall constitute a material breach of this Contract unless 1) fully disclosed in the CONTRACTOR's Response to the RFQ, and 2) accepted by the Customer under terms which are specified in the Technical Audit. CONTRACTOR acknowledges and agrees that this paragraph applies to all its officers and employees.

The following events or conditions shall constitute a breach by the CONTRACTOR and shall give the Customer the right, without an election of remedies, to proceed pursuant to Section 9.01 and/or terminate this Contract by delivery of written notice declaring termination, upon which event the CONTRACTOR shall be liable to the Customer for any and all damages sustained by the Customer:

- 1) Any attempt by the CONTRACTOR to increase the Agreement price for reasons other than those related to changes in the Work pursuant to Section 5.03,
- 2) Any failure by the CONTRACTOR to provide quarterly monitoring reports pursuant to Section 6.02,
- 3) Any failure by the CONTRACTOR to remedy a shortfall in the guaranteed savings pursuant to Section 6.04,
- 4) Any representation or warranty furnished by the CONTRACTOR in CONTRACTOR's Response to the RFQ, the Technical Audit or this Contract which is false or misleading in any material respect when made,
- 5) The filing of bankruptcy by the CONTRACTOR or by CONTRACTOR's creditors, an involuntary assignment for the benefit of creditors, or the liquidation of the CONTRACTOR,
- 6) Any failure by the CONTRACTOR to perform or comply with any other material term or condition of this Contract, including breach of any covenant contained herein, provided that such failure continues for thirty (30) days after written notice to CONTRACTOR demanding that such failure be cured or, if cure cannot be effected in thirty (30) days, the CONTRACTOR fails to begin to cure and proceed to completion thereof as quickly as is reasonably possible.

7.02 Obligations of the Customer

The Customer acknowledges and agrees that the implementation of the maximum conservation of energy and water practical within any pertinent regulatory, operational or physical constraints is of the essence to this Contract. Customer agrees to respond to all audits, proposed revisions and related requests on a timely basis for the expeditious design, implementation and monitoring of conservation measures.

Each of the following events or conditions shall constitute a breach by Customer and shall give the CONTRACTOR the right, without an election of remedies to proceed pursuant to Section 9.01 and terminate this Contract by delivery of written notice declaring termination, upon which event the Customer shall be liable to the CONTRACTOR for all Work furnished to date:

- 1) Any failure by the Customer, without cause, to authorize payment due more than forty-five (45) days after receipt of the invoice therefore,

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2) Any representation by Customer in the RFQ and this Contract is false or misleading in any material respect when made,

3) Any failure by the Customer to perform or comply with any other material term or condition of this Agreement, including breach of any covenant contained herein, provided that such failure continues for thirty (30) days after written notice to the Customer demanding that such failure be cured or, if cure cannot be effected in thirty (30) days, the Customer fails to begin to cure and proceed to completion thereof as quickly as is reasonably possible.

8. Insurance and Bond Requirements

8.01 Worker's Compensation Insurance

CONTRACTOR shall provide during the life of this Contract Worker's Compensation Insurance in accordance with the Worker's Compensation Act of the Commonwealth of Massachusetts (M.G.L. c149 § 34A and M.G.L. c152) as follows:

Workers Compensation Coverage A	Statutory Minimum
Employer's Liability Coverage B	\$500,000 each accident
	\$500,000 disease per employee
	\$500,000 disease policy

8.02 Comprehensive General Liability

CONTRACTOR shall provide Comprehensive General Liability with the following minimum coverage with respect to the Work and other operations performed by CONTRACTOR and its employees, subcontractors, supplier's agents and invitees:

Bodily Injury and Property Damage	\$1,000,000 each occurrence, \$1,000,000 aggregate
Products & Completed Operations	\$1,000,000 aggregate
Personal & Advertising Injury	\$1,000,000 each occurrence

This policy shall include coverage relating to explosion, collapse, and underground property damage and contractual liability coverage. CONTRACTOR shall provide a separate "Owners and CONTRACTOR's Protective Liability" policy in the name of the Customer at the same limits listed above. The completed operations coverage shall be maintained for a period of two (2) years after Substantial Completion as defined in Attachment 3.

8.03 Vehicle Liability

CONTRACTOR shall provide the following minimum coverage with respect to the operations of the any employee, including coverage for owned, non-owned, and hired vehicles:

Bodily Injury	\$1,000,000 each person
Property Damage	\$1,000,000 each accident
Combined Single Limit	\$1,000,000

8.04 Property Coverage

CONTRACTOR shall provide the following coverage against loss or damage by fire and against loss or damage covered by the special perils insurance endorsement on all Work:

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Special Perils

80% of Contract Price minimum

Upon completion of Work at Customer buildings, CONTRACTOR shall provide an installation floater, in the full amount of the Contract Price, for the requirements set forth above. The policy or policies shall specifically state that they are for the benefit and payable to the Customer, the CONTRACTOR, and all persons furnishing labor or labor and materials for the Work, as their interests may appear.

8.05 Customer as Additional Insured

The Customer shall be named as additional insured on the CONTRACTOR's Liability Policies.

8.06 Certificates of Insurance, Policies

Certificates of insurance, acceptable to the Customer, shall be submitted to the Customer upon the execution of this Contract and shall be renewed upon expiration of the policies. Certificates shall indicate that the coverage required by section 8.01 through 8.05 is in effect. If the Customer is damaged by CONTRACTOR's failure to maintain such insurance, then CONTRACTOR shall be responsible for all reasonable costs or damages attributable thereto. Certificates shall note the thirty (30) day cancellation notice requirement of Section 8.07. All policies shall be issued by companies authorized to write that type of insurance under the laws of the Commonwealth of Massachusetts.

8.07 Cancellation

Cancellation of any insurance required by this Contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given by the party proposing cancellation to the other party and the Customer at least thirty (30) days prior to the effective date thereof.

8.08 Bonds

CONTRACTOR shall provide the Customer with payment and performance bonds and efficiency bonds, so called, to cover the full term and value of the Contract and issued by a regulated financial institution with a Best Rating of not less than A, or a comparable rating from a recognized financial rating firm, as follows:

- 1) Performance and payment bonds shall secure 100% of the Contract Price (these bonds apply only to the Work to be performed, and do not cover any guaranteed savings), and
- 2) Efficiency bond, so called, shall be secured for 100% of the annual guaranteed savings and may be renewed annually, except as otherwise provided in Section 6.05.

9. General Provisions

9.01 Dispute Resolution

Disputes regarding changes in and interpretations of the terms or scope of the Contract and denials of or failures to act upon claims for payment for extra work or materials shall be resolved according to the following procedures:

- 1) All claims by the CONTRACTOR shall be made in writing and submitted to the Customer for a written decision.
- 2) CONTRACTOR shall not delay, suspend, or curtail performance under the Contract as a result of any dispute subject to this section.

RFP for Energy Performance Contracting Services

Attachment G Sample Contract

3) Within sixty days of submission of the dispute to the Customer, the Customer shall issue a written decision stating the reasons therefor, and shall notify the parties of their right of appeal under this section. If the official or his designee is unable to issue a decision within sixty days, he shall notify the parties to the dispute in writing of the reasons and of the date by which the decision shall issue.

4) Failure to issue a decision within one hundred and twenty-day period or within the additional period specified in such written notice shall give the petitioner the right to pursue any legal remedies available to him without further delay.

9.02 Conditions Beyond Control of the Parties

Except as otherwise provided herein, if either party shall be unable to carry out any material obligation under this Contract due to events beyond its control, such as acts of God, governmental or judicial Customer, insurrections, riots, extended labor disputes, fires, explosions or floods, this Contract shall remain in effect but the affected party's obligations shall be suspended until the uncontrollable event terminates or is resolved, unless the Contract is terminated by mutual consent, in which event, Customer shall pay CONTRACTOR for all parts of the Work furnished to the date of termination or as otherwise agreed.

9.03 Labor Laws

The CONTRACTOR shall obey and abide by all laws and regulations of the Commonwealth of Massachusetts relating to the employment of labor and public work.

CONTRACTOR shall comply with all federal and state laws, rules and regulations promoting fair employment practices or prohibiting employment discrimination and unfair labor practices. CONTRACTOR shall not discriminate in the delivery of services against any person who otherwise meets the eligibility criteria for services, or in the hiring of any applicant for employment nor shall any qualified employee be demoted, discharged or otherwise subject to discrimination in the tenure, position, promotional opportunities, wages, benefits or terms and conditions of their employment because of race, color, national origin, ancestry, age, sex, religion, disability, status as a Vietnam Era Veteran, sexual orientation or for exercising any rights or benefits afforded by law.

9.04 Prevailing Wage Rate

The Division of Occupational Safety has established a Schedule listing the prevailing minimum wage rates that must be paid to all workers employed on the Contract by either the CONTRACTOR or its subcontractors. Such Schedule shall continue to be the minimum rate of wages payable to workers on this Contract throughout the term of this Contract. The CONTRACTOR shall not have any claim for extra compensation from the Customer if the actual wages paid to employees on the Contract exceeds the rates listed on the Schedule. The CONTRACTOR shall cause a copy of the Schedule to be kept in a conspicuous place as agreed to by both parties at the project site during the term of this Contract (see MGL c. 149 § 27). If reserve police officers are employed by the CONTRACTOR they shall be paid the prevailing wage rate of regular police officers (see MGL c. 149 § 34B).

9.05 Appropriations

1) *The Customer reasonably believes that funds can be obtained sufficient to make all payments due to CONTRACTOR under this Agreement through an appropriation, the savings and available grants or a combination thereof.* The Customer hereby covenants that it will make reasonable and diligent efforts to obtain and maintain funds from which such payments may be made, including making provisions for such payments to the extent necessary in each annual or supplementary budget submitted for the purpose of obtaining funds, and using reasonable efforts to have such portion

RFP for Energy Performance Contracting Services

Attachment G Sample Contract

of the budget approved. Such funds may be provided by the Contractor or a third party in the form of a tax exempt municipal lease or bonding as may be determined by the Customer. Nothing herein shall obligate the Customer to institute legal action before any court, to commence proceedings before any forum, or to institute proceedings in the nature of mandamus against any public official in attempting to obtain said funds.

2) In the event that the Customer is unable to obtain an appropriation of funds sufficient to discharge the Customer's obligations under this Agreement the scope of this project may be so modified to stay within the available funds to include cancellation.

9.06 Laws, Regulations, Ordinances and Standard Practices

CONTRACTOR shall perform its obligations hereunder in compliance with any and all applicable federal, state, and local laws, regulations, ordinances and by-laws, including applicable licensing and permitting requirements, in accordance with sound engineering and safety practices, and in compliance with any and all reasonable rules or policies of the Customer relative to the properties. CONTRACTOR shall be responsible for obtaining all governmental permits, licenses, consents, and authorizations as may be required to perform its obligations hereunder (see also Section 5.10 regarding permits and fees pertaining to the Work).

9.07 Patents and Patent Rights

The CONTRACTOR shall indemnify and hold harmless the Customer from all claims and actions by reason of any actual or asserted infringement upon patent rights in any equipment, material, or process used by CONTRACTOR in connection with this Contract.

9.08 Access and Inspection

Customer shall have access to inspect, upon reasonable notice, the Work and the books, records, and other compilations of data which pertain to this Contract. Records shall be kept on a generally recognized accounting basis and calculations kept on file in legible form. Records shall be saved or archived for a period of three (3) years after the termination of this Contract and shall be kept or made available within Massachusetts.

CONTRACTOR shall have access, upon reasonable notice to the Customer, to inspect the property to assess the condition and operation of material and equipment installed.

9.09 Ownership of Documents

All drawings, reports and other materials prepared by CONTRACTOR specifically in performance of this Contract shall become the property of the Customer as needed or upon the termination of the Contract.

9.10 Certificates

CONTRACTOR certifies as follows:

1) Certificate of Authorization: If CONTRACTOR is a corporation, each person executing this Contract on behalf of the CONTRACTOR hereby covenants, represents and warrants that CONTRACTOR is a duly incorporated or duly qualified (if foreign) corporation and is authorized to do business in the Commonwealth of Massachusetts (a copy of evidence thereof to be supplied to the Customer upon request); and that each person executing this Contract on behalf of the CONTRACTOR is an officer of CONTRACTOR and that he or she is duly authorized to execute, acknowledge

RFP for Energy Performance Contracting Services

Attachment G Sample Contract

and deliver this Contract to the Customer, a copy of a corporate resolution to this effect is attached hereto as Attachment _.

2) Tax Compliance Certification: Pursuant to M.G.L. c. 62C § 49A(b), each person signing this Contract on behalf of the CONTRACTOR hereby certifies, under the penalties of perjury, that to the best of his/her knowledge and belief, the CONTRACTOR has complied with any and all applicable state tax laws.

3) Certificate of Non-collusion: The undersigned certifies under penalties of perjury that this Contract has been made in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity of group of individuals.

4) Foreign Corporation: CONTRACTOR, if a foreign corporation, hereby certifies that it is in compliance with M.G.L. c. 181 § 4 and that the name and address of the resident agent is attached hereto with Exhibit _.

5) Covenants: CONTRACTOR covenants that: (1) it presently has no financial interest and shall not acquire any such interest direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Contract or which would violate M.G.L. c. 268A, as amended from time-to-time, (2) in the performance of this Contract, no person having such an interest shall be employed by the CONTRACTOR, and, (3) no partner or employee of the CONTRACTOR is related by blood or marriage to any Commissioner or employee of the Customer. (Also see section 7.01)

6) Customer Certification: The Customer certifies that it is duly authorized to execute, acknowledge and deliver this Contract under the provisions of M.G.L. Chapter 25A § 11C or § 11I, to retain CONTRACTOR to design, acquire, install and assist in the maintenance of the installed equipment to accomplish the energy conservation measures and to provide other services, as more fully set forth herein, subject to all the terms and conditions of this Agreement.

9.11 Assignment

CONTRACTOR shall not assign, transfer, convey, or otherwise dispose of this Agreement, or any part hereof, or his right, title or interest in the same or any part thereof, without the prior written consent of the Customer. CONTRACTOR shall not assign by power-of-attorney, or otherwise, any of the moneys due or to become due and payable under this Agreement, without the prior written consent of the Customer.

9.12 Applicable Law and Severability

This Contract is made and shall be interpreted and enforced in accordance with the laws of the Commonwealth of Massachusetts. If any provision of this Contract shall be determined to be invalid or unenforceable under applicable law, such provision shall, insofar as possible, be construed or applied in such manner as will permit enforcement; otherwise this Contract shall be construed as if such provision had never been made part thereof.

9.13 Complete Agreement

This Contract, together with any documents incorporated herein by attachment as an exhibit or by reference, shall constitute the entire and exclusive Contract between both parties and supersedes and terminates all prior or contemporaneous arrangements, understandings and agreements, whether oral or written, and this Contract may not be amended or modified except in writing and executed by the Customer and the CONTRACTOR. **The RFQ and CONTRACTOR's Response thereto are incorporated by reference to the extent not superseded by the Technical Audit or this Contract.**

RFP for Energy Performance Contracting Services
Attachment G Sample Contract

The failure of either the CONTRACTOR or the Customer to insist upon the strict performance of any term or condition hereof shall not constitute or be construed as a waiver or relinquishment of either party's right to thereafter enforce the same in accordance with this Contract.

9.14 Further Documents

The parties shall timely execute and deliver all documents and perform all further acts that may be reasonably necessary to effectuate the provisions of this Contract.

Contract Signatures (see next page)

IN WITNESS THEREOF, the parties have each caused this Agreement to be executed in triplicate on the dates set forth below (the last of which shall be considered the date of execution hereof) by their duly authorized representatives.

[CONTRACTOR]
Name _____
By _____
Title _____
Date _____

[MUNICIPALITY]
Name _____
By _____
Title _____
Date _____

[MUNICIPAL AGENCY]
Name _____
By _____
Title _____
Date _____

Approved as to Form:

Office of General Counsel

ATTACHMENT F: Street Lighting Operational NSTAR Utility Rates

See WWW.NSTAR.com/ to secure current rates. All participating communities fall under the current S-2 or 141 tariff. See also 190 for Distribution rates.

**RFP for Energy Performance Contracting Services
Attachment I Signature Page**

**Town of Arlington
SIGNATURE FORM**

NAME OF COMPANY: _____

ADDRESS: _____

TELEPHONE #: _____ FAX #: _____

DATE: _____

SIGNATURE OF AUTHORIZED CONTRACTING OFFICIAL: _____

TITLE: _____

RESIDENCE: _____

IF COMPANY IS A PARTNERSHIP:

FULL NAME AND RESIDENCE OF EACH PARTNER:

IF COMPANY IS A CORPORATION:

THE CORPORATE NAME IS: _____

THE CORPORATION IS ORGANIZED UNDER THE LAWS OF: _____

THE PRESIDENT IS: _____

THE TREASURER IS: _____

THE CLERK/SECRETARY IS: _____

NAME OF CORPORATION THAT WILL APPEAR ON A POTENTIAL CONTRACTUAL AGREEMENT IF DIFFERS FROM ABOVE: _____

NAME AND TITLE OF PERSON WHO WILL BE RESPONSIBLE FOR THE SIGNING OF A POTENTIAL CONTRACTUAL AGREEMENT IF DIFFERS FROM ABOVE:

NAME: _____ TITLE: _____

NAME OF CLERK/SECRETARY WHO WILL ALSO BE SIGNING FOR A POTENTIAL CONTRACTUAL AGREEMENT IF DIFFERS FROM ABOVE: _____

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals.

(Signature of individual submitting bid or proposal)

(Name of individual submitting bid or proposal)

Name of Business

Date

Pursuant to M.G.L. Chapter 62C, Section 49A, I certify under the penalties of perjury that I have complied with all laws of the commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Social Security Number or
Federal Identification Number

Signature of Individual or Responsible
Corporate Officer and Title

**NON-COLLUSION FORMS
MUST BE SIGNED AND
SUBMITTED WITH BID**

OSHA TRAINING

The undersigned hereby certifies that it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that it will comply fully with all laws and regulations applicable to awards made subject to section forty-four A of Chapter 149 of the General Laws.

Signature: _____

Title: _____

Date: _____

From: "MA Prevailing Wage" <prevailingwages@state.ma.us>
To: dlanzillotti@town.arlington.ma.us
Date: 08/16/2012 03:43 PM
Subject: Prevailing wage schedule for Wage Request number :20120816-001

To view and print Weekly Payroll & Compliance Forms
Click on www.mass.gov/dols/pw

PLEASE NOTE: The attached Prevailing Wage Schedule is valid for 90 days.
An Awarding Authority should re-request an up to date Prevailing Wage Schedule if it has NOT opened bids or selected a contractor within 90 days of the issuance date of the attached prevailing wage schedule.

* NEW - Effective 3/18/10, prevailing wage schedules will include apprentice wages (expressed as a dollar figure) including the required benefits pursuant to the prevailing wage law. Apprentice wages shall be no less than the published amounts. Contractors that provide health and welfare, pension or supplemental unemployment benefits to apprentices, may deduct the amount of those benefit contributions from the published wages. For further details please see DOS Opinion Letter PW 2010-03-03.16.10 (Dated March 18, 2010) at www.mass.gov/dols.

*For MULTI-YEAR projects bid on or after 8/8/08, Awarding Authorities must request an Annual Update to this Prevailing Wage Schedule each year for the duration of the project, no later than two weeks before the anniversary date of the execution of the general contract. Annual updates are not required for projects that last LESS THAN ONE YEAR.

*For CM AT RISK projects (bid pursuant to GL c.149A), Awarding Authorities should request a Prevailing Wage Schedule NOT sooner than 90 days before the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid opening date for the FIRST "fast-track" Trade Contractor scope of work (e.g., site work, etc.). For MULTI-YEAR CM AT RISK projects bid on or after 8/8/08, Awarding Authorities also must request an Annual Update to this prevailing wage schedule each year for the duration of the project.

Request Prevailing Wage Rates online at: www.mass.gov/dols.

THIS IS A SYSTEM-GENERATED EMAIL. PLEASE DO NOT REPLY TO THIS EMAIL. TO CONTACT DLS REGARDING PREVAILING WAGE MATTERS CALL 617.626.6953

=====

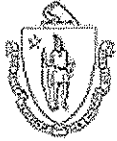
APPROVAL/DENIAL COMMENTS

This e-mail message, including any attachments, is for the sole use of

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Attachments:

File: 20120816-001.pdf Size: 253k Content Type: application/pdf



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary

HEATHER E. ROWE
Director

DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Construction						
(2 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$31.25	\$8.91	\$7.27	0.00	\$47.43
	12/01/2012	\$31.55	\$8.91	\$8.00	0.00	\$48.46
(3 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$31.32	\$8.91	\$7.27	0.00	\$47.50
	12/01/2012	\$31.62	\$8.91	\$8.00	0.00	\$48.53
(4 & 5 AXLE) DRIVER - EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$31.44	\$8.91	\$7.27	0.00	\$47.62
	12/01/2012	\$31.74	\$8.91	\$8.00	0.00	\$48.65
ADS/SUBMERSIBLE PILOT <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$82.32	\$9.80	\$17.67	0.00	\$109.79
	08/01/2013	\$85.47	\$9.80	\$17.67	0.00	\$112.94
	08/01/2014	\$88.62	\$9.80	\$17.67	0.00	\$116.09
	08/01/2015	\$91.77	\$9.80	\$17.67	0.00	\$119.24
AIR TRACK OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	12/01/2012	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	06/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	12/01/2013	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	06/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	12/01/2014	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	06/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	12/01/2015	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	06/01/2016	\$38.30	\$7.10	\$12.45	0.00	\$57.85
	12/01/2016	\$39.30	\$7.10	\$12.45	0.00	\$58.85

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

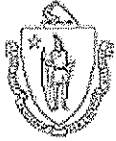
JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ASBESTOS REMOVER - PIPE / MECH. EQUIPT. <i>ASBESTOS WORKERS LOCAL 6 (BOSTON)</i>	06/01/2012	\$28.48	\$10.40	\$5.95	0.00	\$44.83
	12/01/2012	\$29.08	\$10.40	\$5.95	0.00	\$45.43
	06/01/2013	\$29.88	\$10.40	\$5.95	0.00	\$46.23
	12/01/2013	\$30.68	\$10.40	\$5.95	0.00	\$47.03
	06/01/2014	\$31.58	\$10.40	\$5.95	0.00	\$47.93
	12/01/2014	\$32.48	\$10.40	\$5.95	0.00	\$48.83
	06/01/2015	\$33.43	\$10.40	\$5.95	0.00	\$49.78
	12/01/2015	\$34.38	\$10.40	\$5.95	0.00	\$50.73
ASPHALT RAKER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67
BACKHOE/FRONT-END LOADER <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BARCO-TYPE JUMPING TAMPER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
BLOCK PAVER, RAMMER / CURB SETTER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	12/01/2012	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	06/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	12/01/2013	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	06/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	12/01/2014	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	06/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	12/01/2015	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	06/01/2016	\$38.30	\$7.10	\$12.45	0.00	\$57.85
12/01/2016	\$39.30	\$7.10	\$12.45	0.00	\$58.85	
BOILER MAKER <i>BOILERMAKERS LOCAL 29</i>	01/01/2010	\$37.70	\$6.97	\$11.18	0.00	\$55.85

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



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As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - BOILERMAKER - Local 29						
Effective Date - 01/01/2010						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	65	\$24.51	\$6.97	11.18	\$0.00	\$42.66
2	65	\$24.51	\$6.97	11.18	\$0.00	\$42.66
3	70	\$26.39	\$6.97	11.18	\$0.00	\$44.54
4	75	\$28.28	\$6.97	11.18	\$0.00	\$46.43
5	80	\$30.16	\$6.97	11.18	\$0.00	\$48.31
6	85	\$32.05	\$6.97	11.18	\$0.00	\$50.20
7	90	\$33.93	\$6.97	11.18	\$0.00	\$52.08
8	95	\$35.82	\$6.97	11.18	\$0.00	\$53.97

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	08/01/2012	\$47.41	\$10.18	\$17.25	0.00	\$74.84
BRICKLAYERS LOCAL 3 (BOSTON)	02/01/2013	\$47.99	\$10.18	\$17.25	0.00	\$75.42
	08/01/2013	\$48.89	\$10.18	\$17.32	0.00	\$76.39
	02/01/2014	\$49.45	\$10.18	\$17.32	0.00	\$76.95
	08/01/2014	\$50.35	\$10.18	\$17.39	0.00	\$77.92
	02/01/2015	\$50.91	\$10.18	\$17.39	0.00	\$78.48
	08/01/2015	\$51.81	\$10.18	\$17.46	0.00	\$79.45
	02/01/2016	\$52.38	\$10.18	\$17.46	0.00	\$80.02
	08/01/2016	\$53.28	\$10.18	\$17.54	0.00	\$81.00
	02/01/2017	\$53.85	\$10.18	\$17.54	0.00	\$81.57

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - BRICK/PLASTER/CEMENT MASON - Local 3 Boston

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.71	\$10.18	17.25	\$0.00	\$51.14
2	60	\$28.45	\$10.18	17.25	\$0.00	\$55.88
3	70	\$33.19	\$10.18	17.25	\$0.00	\$60.62
4	80	\$37.93	\$10.18	17.25	\$0.00	\$65.36
5	90	\$42.67	\$10.18	17.25	\$0.00	\$70.10

Effective Date - 02/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.00	\$10.18	17.25	\$0.00	\$51.43
2	60	\$28.79	\$10.18	17.25	\$0.00	\$56.22
3	70	\$33.59	\$10.18	17.25	\$0.00	\$61.02
4	80	\$38.39	\$10.18	17.25	\$0.00	\$65.82
5	90	\$43.19	\$10.18	17.25	\$0.00	\$70.62

Notes:

Apprentice to Journeyworker Ratio:1:5

BULLDOZER/GRADER/SCRAPER OPERATING ENGINEERS LOCAL 4	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
CAISSON & UNDERPINNING BOTTOM MAN LABORERS - FOUNDATION AND MARINE	12/01/2011	\$32.80	\$7.10	\$12.60	0.00	\$52.50

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EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CAISSON & UNDERPINNING LABORER <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2011	\$31.65	\$7.10	\$12.60	0.00	\$51.35
CAISSON & UNDERPINNING TOP MAN <i>LABORERS - FOUNDATION AND MARINE</i>	12/01/2011	\$31.65	\$7.10	\$12.60	0.00	\$51.35
CARBIDE CORE DRILL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
CARPENTER <i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
	12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35
CARPENTER <i>CARPENTERS -ZONE 2 (Eastern Massachusetts)</i>	03/01/2012	\$33.03	\$9.80	\$15.61	0.00	\$58.44

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Prevailing Wage Rates

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DEVAL L. PATRICK
Governor
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JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

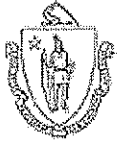
Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - CARPENTER - Zone 2 Eastern MA						
Effective Date - 03/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.52	\$9.80	1.57	\$0.00	\$27.89
2	60	\$19.82	\$9.80	1.57	\$0.00	\$31.19
3	70	\$23.12	\$9.80	10.90	\$0.00	\$43.82
4	75	\$24.77	\$9.80	10.90	\$0.00	\$45.47
5	80	\$26.42	\$9.80	12.47	\$0.00	\$48.69
6	80	\$26.42	\$9.80	12.47	\$0.00	\$48.69
7	90	\$29.73	\$9.80	14.04	\$0.00	\$53.57
8	90	\$29.73	\$9.80	14.04	\$0.00	\$53.57

Notes:

Apprentice to Journeyworker Ratio:1:5

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CEMENT MASONRY/PLASTERING BRICKLAYERS LOCAL 3 (BOSTON)	08/01/2012	\$42.42	\$10.50	\$18.61	1.30	\$72.83
	02/01/2013	\$42.87	\$10.50	\$18.61	1.30	\$73.28
	08/01/2013	\$43.62	\$10.50	\$18.61	1.30	\$74.03
	02/01/2014	\$44.05	\$10.50	\$18.61	1.30	\$74.46
	08/01/2014	\$44.80	\$10.50	\$18.61	1.30	\$75.21
	02/01/2015	\$45.23	\$10.50	\$18.61	1.30	\$75.64
	08/01/2015	\$45.98	\$10.50	\$18.61	1.30	\$76.39
	02/01/2016	\$46.43	\$10.50	\$18.61	1.30	\$76.84
	08/01/2016	\$47.18	\$10.50	\$18.61	1.30	\$77.59
	02/01/2017	\$47.63	\$10.50	\$18.61	1.30	\$78.04

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CHAIN SAW OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$40.84	\$10.00	\$12.65	0.00	\$63.49
	12/01/2012	\$41.46	\$10.00	\$12.65	0.00	\$64.11
	06/01/2013	\$42.24	\$10.00	\$12.65	0.00	\$64.89
	12/01/2013	\$43.02	\$10.00	\$12.65	0.00	\$65.67
COMPRESSOR OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$28.09	\$10.00	\$12.65	0.00	\$50.74
	12/01/2012	\$28.54	\$10.00	\$12.65	0.00	\$51.19
	06/01/2013	\$29.09	\$10.00	\$12.65	0.00	\$51.74
	12/01/2013	\$29.64	\$10.00	\$12.65	0.00	\$52.29
DELEADER (BRIDGE) <i>PAINTERS LOCAL 35 - ZONE 2</i>	07/01/2012	\$44.51	\$7.80	\$15.10	0.00	\$67.41
	01/01/2013	\$45.01	\$7.80	\$15.60	0.00	\$68.41

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary

HEATHER E. ROWE
Director

DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: I2-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: ADZEMAN LABORERS - ZONE 1	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35
DEMO: BACKHOE/LOADER/HAMMER OPERATOR LABORERS - ZONE 1	12/01/2011	\$32.80	\$7.10	\$12.45	0.00	\$52.35
DEMO: BURNERS LABORERS - ZONE 1	12/01/2011	\$32.55	\$7.10	\$12.45	0.00	\$52.10
DEMO: CONCRETE CUTTER/SAWYER LABORERS - ZONE 1	12/01/2011	\$32.80	\$7.10	\$12.45	0.00	\$52.35
DEMO: JACKHAMMER OPERATOR LABORERS - ZONE 1	12/01/2011	\$32.55	\$7.10	\$12.45	0.00	\$52.10
DEMO: WRECKING LABORER LABORERS - ZONE 1	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35
DIRECTIONAL DRILL MACHINE OPERATOR OPERATING ENGINEERS LOCAL 4	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
DIVER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2012	\$54.88	\$9.80	\$17.67	0.00	\$82.35
	08/01/2013	\$56.98	\$9.80	\$17.67	0.00	\$84.45
	08/01/2014	\$59.08	\$9.80	\$17.67	0.00	\$86.55
	08/01/2015	\$61.18	\$9.80	\$17.67	0.00	\$88.65
DIVER TENDER PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2012	\$54.88	\$9.80	\$17.67	0.00	\$82.35
	08/01/2013	\$56.98	\$9.80	\$17.67	0.00	\$84.45
	08/01/2014	\$59.08	\$9.80	\$17.67	0.00	\$86.55
	08/01/2015	\$61.18	\$9.80	\$17.67	0.00	\$88.65
DIVER TENDER (EFFLUENT) PILE DRIVER LOCAL 56 (ZONE 1)	08/01/2012	\$58.80	\$9.80	\$17.67	0.00	\$86.27
	08/01/2013	\$61.05	\$9.80	\$17.67	0.00	\$88.52
	08/01/2014	\$63.30	\$9.80	\$17.67	0.00	\$90.77
	08/01/2015	\$65.55	\$9.80	\$17.67	0.00	\$93.02

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$82.32	\$9.80	\$17.67	0.00	\$109.79
	08/01/2013	\$85.47	\$9.80	\$17.67	0.00	\$112.94
	08/01/2014	\$88.62	\$9.80	\$17.67	0.00	\$116.09
	08/01/2015	\$91.77	\$9.80	\$17.67	0.00	\$119.24
ELECTRICIAN <i>ELECTRICIANS LOCAL 103</i>	03/01/2012	\$42.37	\$13.00	\$13.87	0.00	\$69.24
	09/01/2012	\$42.81	\$13.00	\$14.13	0.00	\$69.94
	03/01/2013	\$43.52	\$13.00	\$14.16	0.00	\$70.68
	09/01/2013	\$44.20	\$13.00	\$14.18	0.00	\$71.38
	03/01/2014	\$44.92	\$13.00	\$14.20	0.00	\$72.12
	09/01/2014	\$45.60	\$13.00	\$14.22	0.00	\$72.82
	03/01/2015	\$46.32	\$13.00	\$14.24	0.00	\$73.56
09/01/2015	\$47.27	\$13.00	\$14.27	0.00	\$74.54	
03/01/2016	\$48.23	\$13.00	\$14.30	0.00	\$75.53	

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JOANNE F. GOLDSTEIN
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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - ELECTRICIAN - Local 103						
Effective Date - 03/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.95	\$13.00	7.81	\$0.00	\$37.76
2	40	\$16.95	\$13.00	7.81	\$0.00	\$37.76
3	45	\$19.07	\$13.00	10.26	\$0.00	\$42.33
4	45	\$19.07	\$13.00	10.26	\$0.00	\$42.33
5	50	\$21.19	\$13.00	10.59	\$0.00	\$44.78
6	55	\$23.30	\$13.00	10.92	\$0.00	\$47.22
7	60	\$25.42	\$13.00	11.24	\$0.00	\$49.66
8	65	\$27.54	\$13.00	11.58	\$0.00	\$52.12
9	70	\$29.66	\$13.00	11.90	\$0.00	\$54.56
10	75	\$31.78	\$13.00	12.23	\$0.00	\$57.01
Effective Date - 09/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$17.12	\$13.00	0.51	\$0.00	\$30.63
2	40	\$17.12	\$13.00	0.51	\$0.00	\$30.63
3	45	\$19.26	\$13.00	10.52	\$0.00	\$42.78
4	45	\$19.26	\$13.00	10.52	\$0.00	\$42.78
5	50	\$21.41	\$13.00	10.84	\$0.00	\$45.25
6	55	\$23.55	\$13.00	11.18	\$0.00	\$47.73
7	60	\$25.69	\$13.00	11.50	\$0.00	\$50.19
8	65	\$27.83	\$13.00	11.84	\$0.00	\$52.67
9	70	\$29.97	\$13.00	12.16	\$0.00	\$55.13
10	75	\$32.11	\$13.00	12.49	\$0.00	\$57.60

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Prevailing Wage Rates

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Notes: App Prior 1/1/03; 30/35/40/45/50/55/65/70/75/80 Apprentice to Journeyworker Ratio:2:3***						

ELEVATOR CONSTRUCTOR <i>ELEVATOR CONSTRUCTORS LOCAL 4</i>	01/01/2012	\$52.45	\$8.78	\$6.96	0.00	\$68.19
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Apprentice - ELEVATOR CONSTRUCTOR - Local 4

Effective Date - 01/01/2012

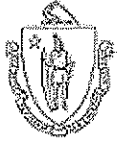
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$26.23	\$8.78	0.00	\$0.00	\$35.01
2	55	\$28.85	\$8.78	6.96	\$0.00	\$44.59
3	65	\$34.09	\$8.78	6.96	\$0.00	\$49.83
4	70	\$36.72	\$8.78	6.96	\$0.00	\$52.46
5	80	\$41.96	\$8.78	6.96	\$0.00	\$57.70

Notes:
Steps 1-2 are 6 mos.; Steps 3-5 are 1 year

Apprentice to Journeyworker Ratio:1:1

ELEVATOR CONSTRUCTOR HELPER <i>ELEVATOR CONSTRUCTORS LOCAL 4</i>	01/01/2012	\$38.59	\$8.78	\$6.96	0.00	\$54.33
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This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



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Governor
TIMOTHY P. MURRAY
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FENCE & GUARD RAIL ERECTOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
FIELD ENG.INST.PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2012	\$37.90	\$10.00	\$12.40	0.00	\$60.30
	11/01/2012	\$38.51	\$10.00	\$12.40	0.00	\$60.91
	05/01/2013	\$39.12	\$10.00	\$12.40	0.00	\$61.52
	11/01/2013	\$39.88	\$10.00	\$12.40	0.00	\$62.28
	05/01/2014	\$40.65	\$10.00	\$12.40	0.00	\$63.05
FIELD ENG.PARTY CHIEF-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2012	\$39.29	\$10.00	\$12.40	0.00	\$61.69
	11/01/2012	\$39.91	\$10.00	\$12.40	0.00	\$62.31
	05/01/2013	\$40.53	\$10.00	\$12.40	0.00	\$62.93
	11/01/2013	\$41.30	\$10.00	\$12.40	0.00	\$63.70
	05/01/2014	\$42.07	\$10.00	\$12.40	0.00	\$64.47
FIELD ENG.ROD PERSON-BLDG,SITE,HVY/HWY <i>OPERATING ENGINEERS LOCAL 4</i>	05/01/2012	\$21.07	\$10.00	\$12.40	0.00	\$43.47
	11/01/2012	\$21.43	\$10.00	\$12.40	0.00	\$43.83
	05/01/2013	\$21.79	\$10.00	\$12.40	0.00	\$44.19
	11/01/2013	\$22.25	\$10.00	\$12.40	0.00	\$44.65
	05/01/2014	\$22.70	\$10.00	\$12.40	0.00	\$45.10

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



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EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER <i>ELECTRICIANS LOCAL 103</i>	03/01/2012	\$42.37	\$13.00	\$13.87	0.00	\$69.24
	09/01/2012	\$42.81	\$13.00	\$14.13	0.00	\$69.94
	03/01/2013	\$43.52	\$13.00	\$14.16	0.00	\$70.68
	09/01/2013	\$44.20	\$13.00	\$14.18	0.00	\$71.38
	03/01/2014	\$44.92	\$13.00	\$14.20	0.00	\$72.12
	09/01/2014	\$45.60	\$13.00	\$14.22	0.00	\$72.82
	03/01/2015	\$46.32	\$13.00	\$14.24	0.00	\$73.56
	09/01/2015	\$47.27	\$13.00	\$14.27	0.00	\$74.54
FIRE ALARM REPAIR / MAINTENANCE <i>/ COMMISSIONING ELECTRICIANS LOCAL 103</i>	03/01/2012	\$31.78	\$13.00	\$12.23	0.00	\$57.01
	09/01/2012	\$32.11	\$13.00	\$12.49	0.00	\$57.60
	03/01/2013	\$32.64	\$13.00	\$12.51	0.00	\$58.15
	09/01/2013	\$33.15	\$13.00	\$12.52	0.00	\$58.67
	03/01/2014	\$33.69	\$13.00	\$12.54	0.00	\$59.23
	09/01/2014	\$34.20	\$13.00	\$12.56	0.00	\$59.76
	03/01/2015	\$34.74	\$13.00	\$12.57	0.00	\$60.31
	09/01/2015	\$35.45	\$13.00	\$12.59	0.00	\$61.04
FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$33.45	\$10.00	\$12.65	0.00	\$56.10
	12/01/2012	\$33.98	\$10.00	\$12.65	0.00	\$56.63
	06/01/2013	\$34.63	\$10.00	\$12.65	0.00	\$57.28
	12/01/2013	\$35.29	\$10.00	\$12.65	0.00	\$57.94

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Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
FLAGGER & SIGNALER LABORERS - ZONE 1	06/01/2012	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	12/01/2012	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	06/01/2013	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	12/01/2013	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	06/01/2014	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	12/01/2014	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	06/01/2015	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	12/01/2015	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	06/01/2016	\$20.50	\$7.10	\$12.45	0.00	\$40.05
	12/01/2016	\$20.50	\$7.10	\$12.45	0.00	\$40.05
FLOORCOVERER FLOORCOVERERS LOCAL 2168 ZONE 1	03/01/2012	\$37.20	\$9.80	\$16.61	0.00	\$63.61

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - FLOORCOVERER - Local 2168 Zone I

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.60	\$9.80	1.79	\$0.00	\$30.19
2	55	\$20.46	\$9.80	1.79	\$0.00	\$32.05
3	60	\$22.32	\$9.80	11.24	\$0.00	\$43.36
4	65	\$24.18	\$9.80	11.24	\$0.00	\$45.22
5	70	\$26.04	\$9.80	13.03	\$0.00	\$48.87
6	75	\$27.90	\$9.80	13.03	\$0.00	\$50.73
7	80	\$29.76	\$9.80	14.82	\$0.00	\$54.38
8	85	\$31.62	\$9.80	14.82	\$0.00	\$56.24

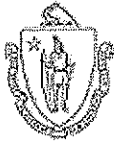
Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

FORK LIFT/CHERRY PICKER OPERATING ENGINEERS LOCAL 4	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67
GENERATOR/LIGHTING PLANT/HEATERS OPERATING ENGINEERS LOCAL 4	06/01/2012	\$28.09	\$10.00	\$12.65	0.00	\$50.74
	12/01/2012	\$28.54	\$10.00	\$12.65	0.00	\$51.19
	06/01/2013	\$29.09	\$10.00	\$12.65	0.00	\$51.74
	12/01/2013	\$29.64	\$10.00	\$12.65	0.00	\$52.29
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) GLAZIERS LOCAL 35 (ZONE 2)	07/01/2012	\$34.51	\$7.80	\$14.60	0.00	\$56.91
	01/01/2013	\$35.51	\$7.80	\$14.60	0.00	\$57.91

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Prevailing Wage Rates

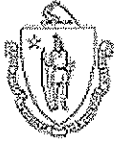
As determined by the Director under the provisions of the
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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HOISTING ENGINEER/CRANES/GRADALLS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67

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Prevailing Wage Rates

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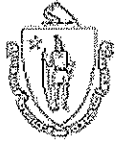
Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - HOIST/PORT. ENG.- Local 4						
Effective Date - 06/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$21.91	\$10.00	0.00	\$0.00	\$31.91
2	60	\$23.90	\$10.00	12.65	\$0.00	\$46.55
3	65	\$25.90	\$10.00	12.65	\$0.00	\$48.55
4	70	\$27.89	\$10.00	12.65	\$0.00	\$50.54
5	75	\$29.88	\$10.00	12.65	\$0.00	\$52.53
6	80	\$31.87	\$10.00	12.65	\$0.00	\$54.52
7	85	\$33.86	\$10.00	12.65	\$0.00	\$56.51
8	90	\$35.86	\$10.00	12.65	\$0.00	\$58.51
Effective Date - 12/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	55	\$22.25	\$10.00	0.00	\$0.00	\$32.25
2	60	\$24.28	\$10.00	12.65	\$0.00	\$46.93
3	65	\$26.30	\$10.00	12.65	\$0.00	\$48.95
4	70	\$28.32	\$10.00	12.65	\$0.00	\$50.97
5	75	\$30.35	\$10.00	12.65	\$0.00	\$53.00
6	80	\$32.37	\$10.00	12.65	\$0.00	\$55.02
7	85	\$34.39	\$10.00	12.65	\$0.00	\$57.04
8	90	\$36.41	\$10.00	12.65	\$0.00	\$59.06

Notes:

Apprentice to Journeyworker Ratio:1:6

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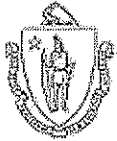
JOANNE F. GOLDSTEIN
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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (DUCTWORK) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	08/01/2012	\$41.10	\$9.82	\$18.24	2.08	\$71.24
	02/01/2013	\$42.35	\$9.82	\$18.24	2.11	\$72.52
HVAC (ELECTRICAL CONTROLS) <i>ELECTRICIANS LOCAL 103</i>	03/01/2012	\$42.37	\$13.00	\$13.87	0.00	\$69.24
	09/01/2012	\$42.81	\$13.00	\$14.13	0.00	\$69.94
	03/01/2013	\$43.52	\$13.00	\$14.16	0.00	\$70.68
	09/01/2013	\$44.20	\$13.00	\$14.18	0.00	\$71.38
	03/01/2014	\$44.92	\$13.00	\$14.20	0.00	\$72.12
	09/01/2014	\$45.60	\$13.00	\$14.22	0.00	\$72.82
	03/01/2015	\$46.32	\$13.00	\$14.24	0.00	\$73.56
	09/01/2015	\$47.27	\$13.00	\$14.27	0.00	\$74.54
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	03/01/2016	\$48.23	\$13.00	\$14.30	0.00	\$75.53
	08/01/2012	\$41.10	\$9.82	\$18.24	2.08	\$71.24
HVAC (TESTING AND BALANCING -WATER) <i>PIPEFITTERS LOCAL 537</i>	02/01/2013	\$42.35	\$9.82	\$18.24	2.11	\$72.52
	03/01/2012	\$46.84	\$8.75	\$14.39	0.00	\$69.98
	09/01/2012	\$48.09	\$8.75	\$14.39	0.00	\$71.23
HVAC MECHANIC <i>PIPEFITTERS LOCAL 537</i>	03/01/2013	\$49.34	\$8.75	\$14.39	0.00	\$72.48
	03/01/2012	\$46.84	\$8.75	\$14.39	0.00	\$69.98
	09/01/2012	\$48.09	\$8.75	\$14.39	0.00	\$71.23
	03/01/2013	\$49.34	\$8.75	\$14.39	0.00	\$72.48

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



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HEATHER E. ROWE
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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HYDRAULIC DRILLS <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	12/01/2012	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	06/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	12/01/2013	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	06/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	12/01/2014	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	06/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	12/01/2015	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	06/01/2016	\$38.30	\$7.10	\$12.45	0.00	\$57.85
12/01/2016	\$39.30	\$7.10	\$12.45	0.00	\$58.85	
INSULATOR (PIPES & TANKS) <i>ASBESTOS WORKERS LOCAL 6 (BOSTON)</i>	09/01/2011	\$40.66	\$10.40	\$11.20	0.00	\$62.26
	09/01/2012	\$42.06	\$10.40	\$11.20	0.00	\$63.66
	09/01/2013	\$43.66	\$10.40	\$11.20	0.00	\$65.26
	09/01/2014	\$45.66	\$10.40	\$11.20	0.00	\$67.26

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THE COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
 DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
 Massachusetts General Laws, Chapter 149, Sections 26 to 27H

DEVAL L. PATRICK
 Governor

TIMOTHY P. MURRAY
 Lt. Governor

JOANNE F. GOLDSTEIN
 Secretary

HEATHER E. ROWE
 Director

Awarding Authority: Town of Arlington
Contract Number: I2-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification **Effective Date** **Base Wage** **Health** **Pension** **Supplemental Unemployment** **Total Rate**

Apprentice - ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Boston

Effective Date - 09/01/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.33	\$10.40	8.30	\$0.00	\$39.03
2	60	\$24.40	\$10.40	8.88	\$0.00	\$43.68
3	70	\$28.46	\$10.40	9.46	\$0.00	\$48.32
4	80	\$32.53	\$10.40	10.04	\$0.00	\$52.97

Effective Date - 09/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$21.03	\$10.40	8.30	\$0.00	\$39.73
2	60	\$25.24	\$10.40	8.88	\$0.00	\$44.52
3	70	\$29.44	\$10.40	9.46	\$0.00	\$49.30
4	80	\$33.65	\$10.40	10.04	\$0.00	\$54.09

Notes:

Steps are 1 year

Apprentice to Journeyworker Ratio:1:4

IRONWORKER/WELDER	04/02/2012	\$37.99	\$7.70	\$18.35	0.00	\$64.04
IRONWORKERS LOCAL 7	09/16/2012	\$38.99	\$7.70	\$18.35	0.00	\$65.04
	03/16/2013	\$40.24	\$7.70	\$18.35	0.00	\$66.29

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 Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
JACKHAMMER & PAVING BREAKER OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
LABORER <i>LABORERS - ZONE 1</i>	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
	12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35
	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60	
12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35	
06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10	
12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10	

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: CARPENTER TENDER <i>LABORERS - ZONE 1</i>	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE 1</i>	06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10
	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE 1</i>	06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10
	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35

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 DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
 Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
 Secretary

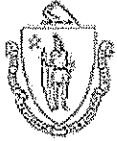
HEATHER E. ROWE
 Director

DEVAL L. PATRICK
 Governor
 TIMOTHY P. MURRAY
 Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: MASON TENDER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 1</i>	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10
12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10	

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate	
LABORER: TREE REMOVER <i>LABORERS - ZONE 1</i>	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35	
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85	
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60	
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35	
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10	
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85	
	06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60	
	12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35	
LABORER: TREE REMOVER <i>LABORERS - ZONE 1</i>	06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10	
	12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10	
	This classification applies to the wholesale removal of standing trees including all associated trimming of branches and limbs, and applies to the removal of branches at locations not on or around utility lines.						
	LASER BEAM OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
		12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
		06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
		12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
		06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
12/01/2014		\$35.55	\$7.10	\$12.45	0.00	\$55.10	
06/01/2015		\$36.30	\$7.10	\$12.45	0.00	\$55.85	
12/01/2015		\$37.05	\$7.10	\$12.45	0.00	\$56.60	
LASER BEAM OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35	
	12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	

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EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
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Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	08/01/2012	\$36.20	\$10.18	\$16.04	0.00	\$62.42
	02/01/2013	\$36.67	\$10.18	\$16.04	0.00	\$62.89
	08/01/2013	\$37.38	\$10.18	\$16.11	0.00	\$63.67
	02/01/2014	\$37.83	\$10.18	\$16.11	0.00	\$64.12
	08/01/2014	\$38.54	\$10.18	\$16.18	0.00	\$64.90
	02/01/2015	\$38.99	\$10.18	\$16.18	0.00	\$65.35
	08/01/2015	\$39.70	\$10.18	\$16.25	0.00	\$66.13
	02/01/2016	\$40.15	\$10.18	\$16.25	0.00	\$66.58
	08/01/2016	\$40.85	\$10.18	\$16.33	0.00	\$67.36
02/01/2017	\$41.31	\$10.18	\$16.33	0.00	\$67.82	

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 Director

Awarding Authority: Town of Arlington
Contract Number: I2-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification **Effective Date** **Base Wage** **Health** **Pension** **Supplemental Unemployment** **Total Rate**

Apprentice - MARBLE & TILE FINISHER - Local 3 Marble & Tile

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.10	\$10.18	16.04	\$0.00	\$44.32
2	60	\$21.72	\$10.18	16.04	\$0.00	\$47.94
3	70	\$25.34	\$10.18	16.04	\$0.00	\$51.56
4	80	\$28.96	\$10.18	16.04	\$0.00	\$55.18
5	90	\$32.58	\$10.18	16.04	\$0.00	\$58.80

Effective Date - 02/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.34	\$10.18	16.04	\$0.00	\$44.56
2	60	\$22.00	\$10.18	16.04	\$0.00	\$48.22
3	70	\$25.67	\$10.18	16.04	\$0.00	\$51.89
4	80	\$29.34	\$10.18	16.04	\$0.00	\$55.56
5	90	\$33.00	\$10.18	16.04	\$0.00	\$59.22

Notes:
 Steps are 800 hrs.

Apprentice to Journeyworker Ratio:1:3

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Prevailing Wage Rates

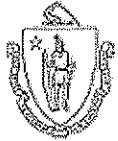
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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MARBLE MASONS, TILELAYERS & TERRAZZO MECH <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	08/01/2012	\$47.45	\$10.18	\$17.25	0.00	\$74.88
	02/01/2013	\$48.03	\$10.18	\$17.25	0.00	\$75.46
	08/01/2013	\$48.93	\$10.18	\$17.32	0.00	\$76.43
	02/01/2014	\$49.49	\$10.18	\$17.32	0.00	\$76.99
	08/01/2014	\$50.39	\$10.18	\$17.39	0.00	\$77.96
	02/01/2015	\$50.95	\$10.18	\$17.39	0.00	\$78.52
	08/01/2015	\$51.85	\$10.18	\$17.46	0.00	\$79.49
	02/01/2016	\$52.42	\$10.18	\$17.46	0.00	\$80.06
	08/01/2016	\$53.32	\$10.18	\$17.54	0.00	\$81.04
02/01/2017	\$53.89	\$10.18	\$17.54	0.00	\$81.61	

This wage schedule must be posted by the contractor at the work site in accordance with M.G.L. ch. 149, sec. 27. Failure of the employer to pay "prevailing wage rates," which are the "total rates" listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at www.mass.gov/dols or at 617-626-6952. Employees not receiving such rates should report the violation to the Fair Labor Division of the Office of the Attorney General, 100 Cambridge Street, Boston, MA 02108; Tel:



THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.73	\$10.18	17.25	\$0.00	\$51.16
2	60	\$28.47	\$10.18	17.25	\$0.00	\$55.90
3	70	\$33.22	\$10.18	17.25	\$0.00	\$60.65
4	80	\$37.96	\$10.18	17.25	\$0.00	\$65.39
5	90	\$42.71	\$10.18	17.25	\$0.00	\$70.14

Effective Date - 02/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$24.02	\$10.18	17.25	\$0.00	\$51.45
2	60	\$28.82	\$10.18	17.25	\$0.00	\$56.25
3	70	\$33.62	\$10.18	17.25	\$0.00	\$61.05
4	80	\$38.42	\$10.18	17.25	\$0.00	\$65.85
5	90	\$43.23	\$10.18	17.25	\$0.00	\$70.66

Notes:

Apprentice to Journeyworker Ratio:1:3

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MECH. SWEEPER OPERATOR (ON CONST. SITES)	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
OPERATING ENGINEERS LOCAL 4	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MECHANICS MAINTENANCE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
MILLWRIGHT (Zone 1) <i>MILLWRIGHTS LOCAL 1121 - Zone 1</i>	04/01/2011	\$33.57	\$8.67	\$15.61	0.00	\$57.85

Apprentice - MILLWRIGHT - Local 1121 Zone 1

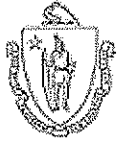
Effective Date - 04/01/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.79	\$8.67	11.64	\$0.00	\$37.10
2	55	\$18.46	\$8.67	11.64	\$0.00	\$38.77
3	60	\$20.14	\$8.67	13.23	\$0.00	\$42.04
4	65	\$21.82	\$8.67	13.23	\$0.00	\$43.72
5	70	\$23.50	\$8.67	14.02	\$0.00	\$46.19
6	75	\$25.18	\$8.67	14.02	\$0.00	\$47.87
7	80	\$26.86	\$8.67	14.82	\$0.00	\$50.35
8	85	\$28.53	\$8.67	14.82	\$0.00	\$52.02

Notes:

Apprentice to Journeyworker Ratio:1:5

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
MORTAR MIXER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
OILER (OTHER THAN TRUCK CRANES, GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$21.31	\$10.00	\$12.65	0.00	\$43.96
	12/01/2012	\$21.65	\$10.00	\$12.65	0.00	\$44.30
	06/01/2013	\$22.07	\$10.00	\$12.65	0.00	\$44.72
	12/01/2013	\$22.49	\$10.00	\$12.65	0.00	\$45.14
OILER (TRUCK CRANES, GRADALLS) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$24.60	\$10.00	\$12.65	0.00	\$47.25
	12/01/2012	\$24.99	\$10.00	\$12.65	0.00	\$47.64
	06/01/2013	\$25.47	\$10.00	\$12.65	0.00	\$48.12
	12/01/2013	\$25.96	\$10.00	\$12.65	0.00	\$48.61
OTHER POWER DRIVEN EQUIPMENT - CLASS II <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
PAINTER (BRIDGES/TANKS) <i>PAINTERS LOCAL 35 - ZONE 2</i>	07/01/2012	\$44.51	\$7.80	\$15.10	0.00	\$67.41
	01/01/2013	\$45.01	\$7.80	\$15.60	0.00	\$68.41

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
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DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lt. Governor

JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

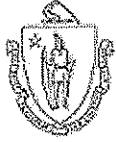
Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PAINTER Local 35 - BRIDGES/TANKS						
Effective Date - 07/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.26	\$7.80	0.00	\$0.00	\$30.06
2	55	\$24.48	\$7.80	3.38	\$0.00	\$35.66
3	60	\$26.71	\$7.80	3.69	\$0.00	\$38.20
4	65	\$28.93	\$7.80	4.00	\$0.00	\$40.73
5	70	\$31.16	\$7.80	13.26	\$0.00	\$52.22
6	75	\$33.38	\$7.80	13.56	\$0.00	\$54.74
7	80	\$35.61	\$7.80	13.87	\$0.00	\$57.28
8	90	\$40.06	\$7.80	14.49	\$0.00	\$62.35
Effective Date - 01/01/2013						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.51	\$7.80	0.00	\$0.00	\$30.31
2	55	\$24.76	\$7.80	3.52	\$0.00	\$36.08
3	60	\$27.01	\$7.80	3.84	\$0.00	\$38.65
4	65	\$29.26	\$7.80	4.16	\$0.00	\$41.22
5	70	\$31.51	\$7.80	13.68	\$0.00	\$52.99
6	75	\$33.76	\$7.80	14.00	\$0.00	\$55.56
7	80	\$36.01	\$7.80	14.32	\$0.00	\$58.13
8	90	\$40.51	\$7.80	14.96	\$0.00	\$63.27

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio: 1:1

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 EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
 DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
 Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
 Secretary

HEATHER E. ROWE
 Director

DEVAL L. PATRICK
 Governor
 TIMOTHY P. MURRAY
 Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Painter (Spray or Sandblast, New) *	07/01/2012	\$35.41	\$7.80	\$15.10	0.00	\$58.31
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. PAINTERS LOCAL 35 - ZONE 2	01/01/2013	\$35.91	\$7.80	\$15.60	0.00	\$59.31

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - New						
Effective Date - 07/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.71	\$7.80	0.00	\$0.00	\$25.51
2	55	\$19.48	\$7.80	3.38	\$0.00	\$30.66
3	60	\$21.25	\$7.80	3.69	\$0.00	\$32.74
4	65	\$23.02	\$7.80	4.00	\$0.00	\$34.82
5	70	\$24.79	\$7.80	13.26	\$0.00	\$45.85
6	75	\$26.56	\$7.80	13.56	\$0.00	\$47.92
7	80	\$28.33	\$7.80	13.87	\$0.00	\$50.00
8	90	\$31.87	\$7.80	14.49	\$0.00	\$54.16
Effective Date - 01/01/2013						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.96	\$7.80	0.00	\$0.00	\$25.76
2	55	\$19.75	\$7.80	3.52	\$0.00	\$31.07
3	60	\$21.55	\$7.80	3.84	\$0.00	\$33.19
4	65	\$23.34	\$7.80	4.16	\$0.00	\$35.30
5	70	\$25.14	\$7.80	13.68	\$0.00	\$46.62
6	75	\$26.93	\$7.80	14.00	\$0.00	\$48.73
7	80	\$28.73	\$7.80	14.32	\$0.00	\$50.85
8	90	\$32.32	\$7.80	14.96	\$0.00	\$55.08

Notes:

Apprentice to Journeyworker Ratio:1:1

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Painter (Spray or Sandblast, Repaint)	07/01/2012	\$33.47	\$7.80	\$15.10	0.00	\$56.37
Painters Local 35 - Zone 2	01/01/2013	\$33.97	\$7.80	\$15.60	0.00	\$57.37

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 2 - Spray/Sandblast - Repaint

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.74	\$7.80	0.00	\$0.00	\$24.54
2	55	\$18.41	\$7.80	3.38	\$0.00	\$29.59
3	60	\$20.08	\$7.80	3.69	\$0.00	\$31.57
4	65	\$21.76	\$7.80	4.00	\$0.00	\$33.56
5	70	\$23.43	\$7.80	13.26	\$0.00	\$44.49
6	75	\$25.10	\$7.80	13.56	\$0.00	\$46.46
7	80	\$26.78	\$7.80	13.87	\$0.00	\$48.45
8	90	\$30.12	\$7.80	14.49	\$0.00	\$52.41

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.99	\$7.80	0.00	\$0.00	\$24.79
2	55	\$18.68	\$7.80	3.52	\$0.00	\$30.00
3	60	\$20.38	\$7.80	3.84	\$0.00	\$32.02
4	65	\$22.08	\$7.80	4.16	\$0.00	\$34.04
5	70	\$23.78	\$7.80	13.68	\$0.00	\$45.26
6	75	\$25.48	\$7.80	14.00	\$0.00	\$47.28
7	80	\$27.18	\$7.80	14.32	\$0.00	\$49.30
8	90	\$30.57	\$7.80	14.96	\$0.00	\$53.33

Notes:

Apprentice to Journeyworker Ratio: 1:1

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

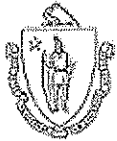
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HEATHER E. ROWE
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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PAINTER (TRAFFIC MARKINGS) <i>LABORERS - ZONE 1</i>	06/01/2012	\$31.80	\$7.10	\$12.45	0.00	\$51.35
	12/01/2012	\$32.30	\$7.10	\$12.45	0.00	\$51.85
	06/01/2013	\$33.05	\$7.10	\$12.45	0.00	\$52.60
	12/01/2013	\$33.80	\$7.10	\$12.45	0.00	\$53.35
	06/01/2014	\$34.55	\$7.10	\$12.45	0.00	\$54.10
	12/01/2014	\$35.30	\$7.10	\$12.45	0.00	\$54.85
	06/01/2015	\$36.05	\$7.10	\$12.45	0.00	\$55.60
	12/01/2015	\$36.80	\$7.10	\$12.45	0.00	\$56.35
	06/01/2016	\$37.55	\$7.10	\$12.45	0.00	\$57.10
	12/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10
PAINTER / TAPER (BRUSH, NEW) *	07/01/2012	\$34.01	\$7.80	\$15.10	0.00	\$56.91
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. <i>PAINTERS LOCAL 35 - ZONE 2</i>	01/01/2013	\$34.51	\$7.80	\$15.60	0.00	\$57.91

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THE COMMONWEALTH OF MASSACHUSETTS
 EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
 DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
 Massachusetts General Laws, Chapter 149, Sections 26 to 27H

DEVAL L. PATRICK
 Governor
 TIMOTHY P. MURRAY
 Lt. Governor

JOANNE F. GOLDSTEIN
 Secretary
 HEATHER E. ROWE
 Director

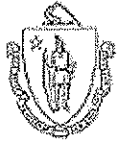
Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PAINTER - Local 35 Zone 2 - BRUSH NEW						
Effective Date - 07/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.01	\$7.80	0.00	\$0.00	\$24.81
2	55	\$18.71	\$7.80	3.38	\$0.00	\$29.89
3	60	\$20.41	\$7.80	3.69	\$0.00	\$31.90
4	65	\$22.11	\$7.80	4.00	\$0.00	\$33.91
5	70	\$23.81	\$7.80	13.26	\$0.00	\$44.87
6	75	\$25.51	\$7.80	13.56	\$0.00	\$46.87
7	80	\$27.21	\$7.80	13.87	\$0.00	\$48.88
8	90	\$30.61	\$7.80	14.49	\$0.00	\$52.90
Effective Date - 01/01/2013						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.26	\$7.80	0.00	\$0.00	\$25.06
2	55	\$18.98	\$7.80	3.52	\$0.00	\$30.30
3	60	\$20.71	\$7.80	3.84	\$0.00	\$32.35
4	65	\$22.43	\$7.80	4.16	\$0.00	\$34.39
5	70	\$24.16	\$7.80	13.68	\$0.00	\$45.64
6	75	\$25.88	\$7.80	14.00	\$0.00	\$47.68
7	80	\$27.61	\$7.80	14.32	\$0.00	\$49.73
8	90	\$31.06	\$7.80	14.96	\$0.00	\$53.82

Notes:
 Steps are 750 hrs.

Apprentice to Journeyworker Ratio: 1:1

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EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
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Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Painter / Taper (Brush, Repaint)	07/01/2012	\$32.07	\$7.80	\$15.10	0.00	\$54.97
PAINTERS LOCAL 35 - ZONE 2	01/01/2013	\$32.57	\$7.80	\$15.60	0.00	\$55.97

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DEVAL L. PATRICK
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Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification **Effective Date** **Base Wage** **Health** **Pension** **Supplemental Unemployment** **Total Rate**

Apprentice - PAINTER Local 35 Zone 2 - BRUSH REPAINT

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.04	\$7.80	0.00	\$0.00	\$23.84
2	55	\$17.64	\$7.80	3.38	\$0.00	\$28.82
3	60	\$19.24	\$7.80	3.69	\$0.00	\$30.73
4	65	\$20.85	\$7.80	4.00	\$0.00	\$32.65
5	70	\$22.45	\$7.80	13.26	\$0.00	\$43.51
6	75	\$24.05	\$7.80	13.56	\$0.00	\$45.41
7	80	\$25.66	\$7.80	13.87	\$0.00	\$47.33
8	90	\$28.86	\$7.80	14.49	\$0.00	\$51.15

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$16.29	\$7.80	0.00	\$0.00	\$24.09
2	55	\$17.91	\$7.80	3.52	\$0.00	\$29.23
3	60	\$19.54	\$7.80	3.84	\$0.00	\$31.18
4	65	\$21.17	\$7.80	4.16	\$0.00	\$33.13
5	70	\$22.80	\$7.80	13.68	\$0.00	\$44.28
6	75	\$24.43	\$7.80	14.00	\$0.00	\$46.23
7	80	\$26.06	\$7.80	14.32	\$0.00	\$48.18
8	90	\$29.31	\$7.80	14.96	\$0.00	\$52.07

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

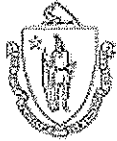
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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$31.08	\$8.91	\$7.27	0.00	\$47.26
	12/01/2012	\$31.38	\$8.91	\$8.00	0.00	\$48.29
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$39.20	\$9.80	\$17.67	0.00	\$66.67
	08/01/2013	\$40.70	\$9.80	\$17.67	0.00	\$68.17
	08/01/2014	\$42.20	\$9.80	\$17.67	0.00	\$69.67
	08/01/2015	\$43.70	\$9.80	\$17.67	0.00	\$71.17
PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2012	\$39.20	\$9.80	\$17.67	0.00	\$66.67
	08/01/2013	\$40.70	\$9.80	\$17.67	0.00	\$68.17
	08/01/2014	\$42.20	\$9.80	\$17.67	0.00	\$69.67
	08/01/2015	\$43.70	\$9.80	\$17.67	0.00	\$71.17

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PILE DRIVER - Local 56 Zone 1						
Effective Date - 08/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.60	\$9.80	17.67	\$0.00	\$47.07
2	60	\$23.52	\$9.80	17.67	\$0.00	\$50.99
3	70	\$27.44	\$9.80	17.67	\$0.00	\$54.91
4	75	\$29.40	\$9.80	17.67	\$0.00	\$56.87
5	80	\$31.36	\$9.80	17.67	\$0.00	\$58.83
6	80	\$31.36	\$9.80	17.67	\$0.00	\$58.83
7	90	\$35.28	\$9.80	17.67	\$0.00	\$62.75
8	90	\$35.28	\$9.80	17.67	\$0.00	\$62.75
Effective Date - 08/01/2013						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.35	\$9.80	17.67	\$0.00	\$47.82
2	60	\$24.42	\$9.80	17.67	\$0.00	\$51.89
3	70	\$28.49	\$9.80	17.67	\$0.00	\$55.96
4	75	\$30.53	\$9.80	17.67	\$0.00	\$58.00
5	80	\$32.56	\$9.80	17.67	\$0.00	\$60.03
6	80	\$32.56	\$9.80	17.67	\$0.00	\$60.03
7	90	\$36.63	\$9.80	17.67	\$0.00	\$64.10
8	90	\$36.63	\$9.80	17.67	\$0.00	\$64.10

Notes:

Apprentice to Journeyworker Ratio:1:3

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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPEFITTER & STEAMFITTER <i>PIPEFITTERS LOCAL 537</i>	03/01/2012	\$46.84	\$8.75	\$14.39	0.00	\$69.98
	09/01/2012	\$48.09	\$8.75	\$14.39	0.00	\$71.23
	03/01/2013	\$49.34	\$8.75	\$14.39	0.00	\$72.48

Apprentice - PIPEFITTER - Local 537

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$18.74	\$8.75	6.50	\$0.00	\$33.99
2	45	\$21.08	\$8.75	14.39	\$0.00	\$44.22
3	60	\$28.10	\$8.75	14.39	\$0.00	\$51.24
4	70	\$32.79	\$8.75	14.39	\$0.00	\$55.93
5	80	\$37.47	\$8.75	14.39	\$0.00	\$60.61

Effective Date - 09/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$19.24	\$8.75	6.50	\$0.00	\$34.49
2	45	\$21.64	\$8.75	14.39	\$0.00	\$44.78
3	60	\$28.85	\$8.75	14.39	\$0.00	\$51.99
4	70	\$33.66	\$8.75	14.39	\$0.00	\$56.80
5	80	\$38.47	\$8.75	14.39	\$0.00	\$61.61

Notes:

** 1:3; 3:15; 1:10 thereafter / Steps are 1 yr.
Refrig/AC Mechanic **1:1;1:2;2:4;3:6;4:8;5:10;6:12;7:14;8:17;9:20;10:23(Max)

Apprentice to Journeyworker Ratio:**

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Prevailing Wage Rates

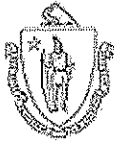
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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PIPELAYER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
	12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35
PLUMBERS & GASFITTERS <i>PLUMBERS & GASFITTERS LOCAL 12</i>	03/01/2012	\$46.81	\$9.32	\$13.29	0.00	\$69.42
	09/01/2012	\$48.06	\$9.32	\$13.29	0.00	\$70.67
	03/01/2013	\$49.31	\$9.32	\$13.29	0.00	\$71.92

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - PLUMBER - Local 12						
Effective Date - 03/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$16.38	\$9.32	4.97	\$0.00	\$30.67
2	40	\$18.72	\$9.32	5.61	\$0.00	\$33.65
3	55	\$25.75	\$9.32	7.53	\$0.00	\$42.60
4	65	\$30.43	\$9.32	8.81	\$0.00	\$48.56
5	75	\$35.11	\$9.32	10.09	\$0.00	\$54.52
Effective Date - 09/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$16.82	\$9.32	4.97	\$0.00	\$31.11
2	40	\$19.22	\$9.32	5.61	\$0.00	\$34.15
3	55	\$26.43	\$9.32	7.53	\$0.00	\$43.28
4	65	\$31.24	\$9.32	8.81	\$0.00	\$49.37
5	75	\$36.05	\$9.32	10.09	\$0.00	\$55.46
Notes:						
** 1:2; 2:6; 3:10; 4:14; 5:19/Steps are 1 yr						
Step4 with lic\$51.54 Step5 with lic\$57.49						
Apprentice to Journeyworker Ratio:**						
PNEUMATIC CONTROLS (TEMP.)	03/01/2012	\$46.84	\$8.75	\$14.39	0.00	\$69.98
PIPEFITTERS LOCAL 537	09/01/2012	\$48.09	\$8.75	\$14.39	0.00	\$71.23
	03/01/2013	\$49.34	\$8.75	\$14.39	0.00	\$72.48

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PNEUMATIC DRILL/TOOL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
POWDERMAN & BLASTER <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.80	\$7.10	\$12.45	0.00	\$52.35
	12/01/2012	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	06/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	12/01/2013	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	06/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	12/01/2014	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	06/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	12/01/2015	\$37.80	\$7.10	\$12.45	0.00	\$57.35
	06/01/2016	\$38.55	\$7.10	\$12.45	0.00	\$58.10
12/01/2016	\$39.55	\$7.10	\$12.45	0.00	\$59.10	
POWER SHOVEL/DERRICK/TRENCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67
PUMP OPERATOR (CONCRETE) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67

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THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary

HEATHER E. ROWE
Director

DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PUMP OPERATOR (DEWATERING, OTHER) <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$28.09	\$10.00	\$12.65	0.00	\$50.74
	12/01/2012	\$28.54	\$10.00	\$12.65	0.00	\$51.19
	06/01/2013	\$29.09	\$10.00	\$12.65	0.00	\$51.74
	12/01/2013	\$29.64	\$10.00	\$12.65	0.00	\$52.29
READY-MIX CONCRETE DRIVER <i>TEAMSTERS LOCAL 25c</i>	05/01/2011	\$31.21	\$7.25	\$6.19	0.00	\$44.65
RECLAIMERS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
RESIDENTIAL WOOD FRAME (All Other Work) <i>CARPENTERS -ZONE 2 (Residential Wood)</i>	04/01/2011	\$24.24	\$8.67	\$15.51	0.00	\$48.42
RESIDENTIAL WOOD FRAME CARPENTER ** ** The Residential Wood Frame Carpenter classification applies only to the construction of new, wood frame residences that do not exceed four stories including the basement. <i>CARPENTERS -ZONE 2 (Residential Wood)</i> As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.	05/01/2011	\$24.24	\$6.34	\$6.23	0.00	\$36.81
RIDE-ON MOTORIZED BUGGY OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	

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DEVAL L. PATRICK
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TIMOTHY P. MURRAY
Lt. Governor

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ROLLER/SPREADER/MULCHING MACHINE <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) <i>ROOFERS LOCAL 33</i>	08/01/2012	\$36.41	\$10.50	\$10.70	0.00	\$57.61
	02/01/2013	\$37.41	\$10.50	\$10.70	0.00	\$58.61

Apprentice - ROOFER - Local 33

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.21	\$10.50	3.38	\$0.00	\$32.09
2	60	\$21.85	\$10.50	10.70	\$0.00	\$43.05
3	65	\$23.67	\$10.50	10.70	\$0.00	\$44.87
4	75	\$27.31	\$10.50	10.70	\$0.00	\$48.51
5	85	\$30.95	\$10.50	10.70	\$0.00	\$52.15

Effective Date - 02/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.71	\$10.50	3.38	\$0.00	\$32.59
2	60	\$22.45	\$10.50	10.70	\$0.00	\$43.65
3	65	\$24.32	\$10.50	10.70	\$0.00	\$45.52
4	75	\$28.06	\$10.50	10.70	\$0.00	\$49.26
5	85	\$31.80	\$10.50	10.70	\$0.00	\$53.00

Notes: ** 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1
Step 1 is 2000 hrs.; Steps 2-5 are 1000 hrs.

Apprentice to Journeyworker Ratio:**

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DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

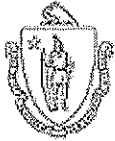
As determined by the Director under the provisions of the
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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ROOFER SLATE / TILE / PRECAST CONCRETE <i>ROOFERS LOCAL 33</i>	08/01/2012	\$36.66	\$10.50	\$10.70	0.00	\$57.86
	02/01/2013	\$37.66	\$10.50	\$10.70	0.00	\$58.86
SHEETMETAL WORKER <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	08/01/2012	\$41.10	\$9.82	\$18.24	2.08	\$71.24
	02/01/2013	\$42.35	\$9.82	\$18.24	2.11	\$72.52

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - SHEET METAL WORKER - Local 17-A						
Effective Date - 08/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.44	\$9.82	4.00	\$0.00	\$30.26
2	40	\$16.44	\$9.82	4.00	\$0.00	\$30.26
3	45	\$18.50	\$9.82	8.00	\$1.09	\$37.41
4	45	\$18.50	\$9.82	8.00	\$1.09	\$37.41
5	50	\$20.55	\$9.82	8.75	\$1.17	\$40.29
6	50	\$20.55	\$9.82	9.00	\$1.18	\$40.55
7	60	\$24.66	\$9.82	10.24	\$1.34	\$46.06
8	65	\$26.72	\$9.82	10.99	\$1.43	\$48.96
9	75	\$30.83	\$9.82	12.49	\$1.59	\$54.73
10	85	\$34.94	\$9.82	13.49	\$1.75	\$60.00
Effective Date - 02/01/2013						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.94	\$9.82	4.00	\$0.00	\$30.76
2	40	\$16.94	\$9.82	4.00	\$0.00	\$30.76
3	45	\$19.06	\$9.82	8.00	\$1.11	\$37.99
4	45	\$19.06	\$9.82	8.00	\$1.11	\$37.99
5	50	\$21.18	\$9.82	8.75	\$1.19	\$40.94
6	50	\$21.18	\$9.82	9.00	\$1.20	\$41.20
7	60	\$25.41	\$9.82	10.24	\$1.36	\$46.83
8	65	\$27.53	\$9.82	10.99	\$1.45	\$49.79
9	75	\$31.76	\$9.82	12.49	\$1.62	\$55.69
10	85	\$36.00	\$9.82	13.49	\$1.78	\$61.09

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Prevailing Wage Rates

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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Notes: Steps are 6 mos.						
Apprentice to Journeyworker Ratio:1:4						

SIGN ERECTOR PAINTERS LOCAL 35 - ZONE 2	06/01/2009	\$24.81	\$7.07	\$5.90	0.00	\$37.78
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Apprentice - SIGN ERECTOR - Local 35 Zone 2

Effective Date - 06/01/2009

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$12.41	\$7.07	0.00	\$0.00	\$19.48
2	55	\$13.65	\$7.07	2.40	\$0.00	\$23.12
3	60	\$14.89	\$7.07	2.40	\$0.00	\$24.36
4	65	\$16.13	\$7.07	2.40	\$0.00	\$25.60
5	70	\$17.37	\$7.07	5.90	\$0.00	\$30.34
6	75	\$18.61	\$7.07	5.90	\$0.00	\$31.58
7	80	\$19.85	\$7.07	5.90	\$0.00	\$32.82
8	85	\$21.09	\$7.07	5.90	\$0.00	\$34.06
9	90	\$22.33	\$7.07	5.90	\$0.00	\$35.30

Notes: Steps are 4 mos.						
Apprentice to Journeyworker Ratio:1:1						

SPECIALIZED EARTH MOVING EQUIP < 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	08/01/2012	\$31.54	\$8.91	\$7.27	0.00	\$47.72
	12/01/2012	\$31.84	\$8.91	\$8.00	0.00	\$48.75
SPECIALIZED EARTH MOVING EQUIP > 35 TONS TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	08/01/2012	\$31.83	\$8.91	\$7.27	0.00	\$48.01
	12/01/2012	\$32.13	\$8.91	\$8.00	0.00	\$49.04

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EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

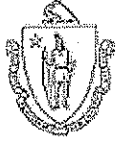
As determined by the Director under the provisions of the
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JOANNE F. GOLDSTEIN
Secretary
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Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SPRINKLER FITTER	03/01/2012	\$51.58	\$8.42	\$11.60	0.00	\$71.60
<i>SPRINKLER FITTERS LOCAL 550 - (Section A)</i>	09/01/2012	\$52.58	\$8.42	\$11.60	0.00	\$72.60
	03/01/2013	\$53.58	\$8.42	\$11.60	0.00	\$73.60

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Notes: Steps are 850 hours

Apprentice to Journeyworker Ratio:1:1

STEAM BOILER OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
TELECOMMUNICATION TECHNICIAN <i>ELECTRICIANS LOCAL 103</i>	03/01/2012	\$31.78	\$13.00	\$12.23	0.00	\$57.01
	09/01/2012	\$32.11	\$13.00	\$12.49	0.00	\$57.60
	03/01/2013	\$32.64	\$13.00	\$12.51	0.00	\$58.15
	09/01/2013	\$33.15	\$13.00	\$12.52	0.00	\$58.67
	03/01/2014	\$33.69	\$13.00	\$12.54	0.00	\$59.23
	09/01/2014	\$34.20	\$13.00	\$12.56	0.00	\$59.76
	03/01/2015	\$34.74	\$13.00	\$12.57	0.00	\$60.31
	09/01/2015	\$35.45	\$13.00	\$12.59	0.00	\$61.04
	03/01/2016	\$36.17	\$13.00	\$12.62	0.00	\$61.79

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - TELECOMMUNICATION TECHNICIAN - Local 103

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$12.71	\$13.00	9.27	\$0.00	\$34.98
2	40	\$12.71	\$13.00	9.27	\$0.00	\$34.98
3	45	\$14.30	\$13.00	9.51	\$0.00	\$36.81
4	45	\$14.30	\$13.00	9.51	\$0.00	\$36.81
5	50	\$15.89	\$13.00	9.76	\$0.00	\$38.65
6	55	\$17.48	\$13.00	10.01	\$0.00	\$40.49
7	60	\$19.07	\$13.00	10.26	\$0.00	\$42.33
8	65	\$20.66	\$13.00	10.50	\$0.00	\$44.16
9	70	\$22.25	\$13.00	10.75	\$0.00	\$46.00
10	75	\$23.84	\$13.00	11.00	\$0.00	\$47.84

Effective Date - 09/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$12.84	\$13.00	0.39	\$0.00	\$26.23
2	40	\$12.84	\$13.00	0.39	\$0.00	\$26.23
3	45	\$14.45	\$13.00	9.77	\$0.00	\$37.22
4	45	\$14.45	\$13.00	9.77	\$0.00	\$37.22
5	50	\$16.06	\$13.00	10.02	\$0.00	\$39.08
6	55	\$17.66	\$13.00	10.27	\$0.00	\$40.93
7	60	\$19.27	\$13.00	10.52	\$0.00	\$42.79
8	65	\$20.87	\$13.00	10.77	\$0.00	\$44.64
9	70	\$22.48	\$13.00	11.02	\$0.00	\$46.50
10	75	\$24.08	\$13.00	11.26	\$0.00	\$48.34

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DEVAL L. PATRICK
Governor
TIMOTHY P. MURRAY
Lt. Governor

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

Prevailing Wage Rates

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

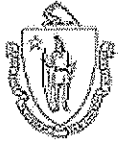
Classification **Effective Date** **Base Wage** **Health** **Pension** **Supplemental Unemployment** **Total Rate**

Notes:

Apprentice to Journeyworker Ratio:1:1

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TERRAZZO FINISHERS	08/01/2012	\$46.35	\$10.18	\$17.25	0.00	\$73.78
BRICKLAYERS LOCAL 3 - MARBLE & TILE	02/01/2013	\$46.93	\$10.18	\$17.25	0.00	\$74.36
	08/01/2013	\$47.83	\$10.18	\$17.32	0.00	\$75.33
	02/01/2014	\$48.39	\$10.18	\$17.32	0.00	\$75.89
	08/01/2014	\$49.29	\$10.18	\$17.39	0.00	\$76.86
	02/01/2015	\$49.85	\$10.18	\$17.39	0.00	\$77.42
	08/01/2015	\$50.75	\$10.18	\$17.46	0.00	\$78.39
	02/01/2016	\$51.32	\$10.18	\$17.46	0.00	\$78.96
	08/01/2016	\$52.22	\$10.18	\$17.54	0.00	\$79.94
	02/01/2017	\$52.79	\$10.18	\$17.54	0.00	\$80.51

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Prevailing Wage Rates

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.18	\$10.18	17.25	\$0.00	\$50.61
2	60	\$27.81	\$10.18	17.25	\$0.00	\$55.24
3	70	\$32.45	\$10.18	17.25	\$0.00	\$59.88
4	80	\$37.08	\$10.18	17.25	\$0.00	\$64.51
5	90	\$41.72	\$10.18	17.25	\$0.00	\$69.15

Effective Date - 02/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.47	\$10.18	17.25	\$0.00	\$50.90
2	60	\$28.16	\$10.18	17.25	\$0.00	\$55.59
3	70	\$32.85	\$10.18	17.25	\$0.00	\$60.28
4	80	\$37.54	\$10.18	17.25	\$0.00	\$64.97
5	90	\$42.24	\$10.18	17.25	\$0.00	\$69.67

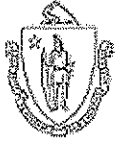
Notes:

Steps are 800 hrs.

Apprentice to Journeyworker Ratio:1:3

TEST BORING DRILLER LABORERS - FOUNDATION AND MARINE	12/01/2011	\$33.05	\$7.10	\$12.60	0.00	\$52.75
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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - TEST BORING DRILLER (Laborers Foundation & Marine)

Effective Date - 12/01/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.83	\$7.10	12.60	\$0.00	\$39.53
2	70	\$23.14	\$7.10	12.60	\$0.00	\$42.84
3	80	\$26.44	\$7.10	12.60	\$0.00	\$46.14
4	90	\$29.75	\$7.10	12.60	\$0.00	\$49.45

Notes:

Apprentice to Journeyworker Ratio:1:3

TEST BORING DRILLER HELPER LABORERS - FOUNDATION AND MARINE	12/01/2011	\$31.77	\$7.10	\$12.60	0.00	\$51.47
TEST BORING LABORER LABORERS - FOUNDATION AND MARINE	12/01/2011	\$31.65	\$7.10	\$12.60	0.00	\$51.35

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JOANNE F. GOLDSTEIN
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Prevailing Wage Rates

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

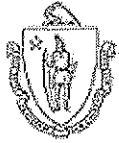
Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - TEST BORING LABORER (Laborers Foundation & Marine)						
Effective Date - 12/01/2011						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$18.99	\$7.10	12.60	\$0.00	\$38.69
2	70	\$22.16	\$7.10	12.60	\$0.00	\$41.86
3	80	\$25.32	\$7.10	12.60	\$0.00	\$45.02
4	90	\$28.49	\$7.10	12.60	\$0.00	\$48.19

Notes:

Apprentice to Journeyworker Ratio:1:3

TRACTORS/PORTABLE STEAM GENERATORS <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.47	\$10.00	\$12.65	0.00	\$62.12
	12/01/2012	\$40.09	\$10.00	\$12.65	0.00	\$62.74
	06/01/2013	\$40.86	\$10.00	\$12.65	0.00	\$63.51
	12/01/2013	\$41.64	\$10.00	\$12.65	0.00	\$64.29
TRAILERS FOR EARTH MOVING EQUIPMENT <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$32.12	\$8.91	\$7.27	0.00	\$48.30
	12/01/2012	\$32.42	\$9.07	\$8.00	0.00	\$49.49
TUNNEL WORK - COMPRESSED AIR <i>LABORERS (COMPRESSED AIR)</i>	12/01/2011	\$44.08	\$7.10	\$13.00	0.00	\$64.18
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) <i>LABORERS (COMPRESSED AIR)</i>	12/01/2011	\$46.08	\$7.10	\$13.00	0.00	\$66.18
TUNNEL WORK - FREE AIR <i>LABORERS (FREE AIR TUNNEL)</i>	12/01/2011	\$36.15	\$7.10	\$13.00	0.00	\$56.25
TUNNEL WORK - FREE AIR (HAZ. WASTE) <i>LABORERS (FREE AIR TUNNEL)</i>	12/01/2011	\$38.15	\$7.10	\$13.00	0.00	\$58.25
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	08/01/2012	\$31.54	\$8.91	\$7.27	0.00	\$47.72
	12/01/2012	\$31.84	\$8.91	\$8.00	0.00	\$48.75

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Prevailing Wage Rates

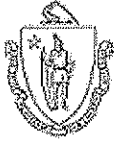
As determined by the Director under the provisions of the
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JOANNE F. GOLDSTEIN
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Director

Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
WAGON DRILL OPERATOR <i>LABORERS - ZONE 1</i>	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
	12/01/2012	\$32.55	\$7.10	\$12.45	0.00	\$52.10
	06/01/2013	\$33.30	\$7.10	\$12.45	0.00	\$52.85
	12/01/2013	\$34.05	\$7.10	\$12.45	0.00	\$53.60
	06/01/2014	\$34.80	\$7.10	\$12.45	0.00	\$54.35
	12/01/2014	\$35.55	\$7.10	\$12.45	0.00	\$55.10
	06/01/2015	\$36.30	\$7.10	\$12.45	0.00	\$55.85
	12/01/2015	\$37.05	\$7.10	\$12.45	0.00	\$56.60
	06/01/2016	\$37.80	\$7.10	\$12.45	0.00	\$57.35
12/01/2016	\$38.80	\$7.10	\$12.45	0.00	\$58.35	
WASTE WATER PUMP OPERATOR <i>OPERATING ENGINEERS LOCAL 4</i>	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
	12/01/2012	\$40.46	\$10.00	\$12.65	0.00	\$63.11
	06/01/2013	\$41.24	\$10.00	\$12.65	0.00	\$63.89
	12/01/2013	\$42.02	\$10.00	\$12.65	0.00	\$64.67
WATER METER INSTALLER <i>PLUMBERS & GASFITTERS LOCAL 12</i>	03/01/2012	\$46.81	\$9.32	\$13.29	0.00	\$69.42
	09/01/2012	\$48.06	\$9.32	\$13.29	0.00	\$70.67
	03/01/2013	\$49.31	\$9.32	\$13.29	0.00	\$71.92
Outside Electrical - East						
CABLE TECHNICIAN (Power Zone) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$27.11	\$6.70	\$1.50	0.00	\$35.31
CABLEMAN (Underground Ducts & Cables) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$38.41	\$6.70	\$1.00	0.00	\$46.11
DRIVER / GROUNDMAN CDL <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$31.63	\$6.70	\$2.50	0.00	\$40.83
DRIVER / GROUNDMAN -Inexperienced (<2000 Hrs) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$24.85	\$6.70	\$1.50	0.00	\$33.05
EQUIPMENT OPERATOR (Class A CDL) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$38.41	\$6.70	\$5.00	0.00	\$50.11

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.

Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
EQUIPMENT OPERATOR (Class B CDL) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$33.89	\$6.70	\$2.75	0.00	\$43.34
GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$24.85	\$6.70	\$1.00	0.00	\$32.55
GROUNDMAN -Inexperienced (<2000 Hrs.) <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$20.34	\$6.70	\$0.75	0.00	\$27.79
JOURNEYMAN LINEMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	08/29/2011	\$45.19	\$6.70	\$7.86	0.00	\$59.75

Apprentice - LINEMAN (Outside Electrical) - East Local 104

Effective Date - 08/29/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$27.11	\$6.70	2.11	\$0.00	\$35.92
2	65	\$29.37	\$6.70	2.36	\$0.00	\$38.43
3	70	\$31.63	\$6.70	2.86	\$0.00	\$41.19
4	75	\$33.89	\$6.70	3.36	\$0.00	\$43.95
5	80	\$36.15	\$6.70	3.86	\$0.00	\$46.71
6	85	\$38.41	\$6.70	4.36	\$0.00	\$49.47
7	90	\$40.67	\$6.70	5.36	\$0.00	\$52.73

Notes:

Apprentice to Journeyworker Ratio:1:2

TELEDATA CABLE SPLICER <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$26.33	\$4.18	\$2.79	0.00	\$33.30
TELEDATA LINEMAN/EQUIPMENT OPERATOR <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$24.78	\$4.18	\$2.74	0.00	\$31.70

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Awarding Authority: Town of Arlington
Contract Number: 12-40 **City/Town:** ARLINGTON
Description of Work: Provide all labor, materials, equipment and supervision necessary for installation and repair of LED Streetlights as per specifications and requirements.
Job Location: Various

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
TELEDATA WIREMAN/INSTALLER/TECHNICIAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i>	07/16/2012	\$24.78	\$4.18	\$2.74	0.00	\$31.70
TREE TRIMMER <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i> This classification applies only to the trimming of branches on and around utility lines.	02/01/2009	\$16.59	\$2.42	\$0.00	0.00	\$19.01
TREE TRIMMER GROUNDMAN <i>OUTSIDE ELECTRICAL WORKERS - EAST LOCAL 104</i> This classification applies only to the trimming of branches on and around utility lines.	02/01/2009	\$14.64	\$2.42	\$0.00	0.00	\$17.06

Additional Apprentice Information:

Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the pre-determined hourly wage rate established by the Commissioner under the provisions of the M.G.L. c. 149, ss. 26-27D. Apprentice ratios are established by the Division of Apprenticeship Training pursuant to M.G.L. c. 23, ss. 11E-11L.

All apprentices must be registered with the Division of Apprenticeship Training in accordance with M.G.L. c. 23, ss. 11E-11L.

All steps are six months (1000 hours) unless otherwise specified.

- * Ratios are expressed in allowable number of apprentices to journeymen or fraction thereof.
- ** Multiple ratios are listed in the comment field.
- *** APP to JM; 1:1, 2:2, 2:3, 3:4, 4:4, 4:5, 4:6, 5:7, 6:7, 6:8, 6:9, 7:10, 8:10, 8:11, 8:12, 9:13, 10:13, 10:14, etc.
- **** APP to JM; 1:1, 1:2, 2:3, 2:4, 3:5, 4:6, 4:7, 5:8, 6:9, 6:10, 7:11, 8:12, 8:13, 9:14, 10:15, 10:16, etc.

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