



CITY OF SOMERVILLE, MASSACHUSETTS

Department of Purchasing

JOSEPH A. CURTATONE

MAYOR

REQUEST FOR PROPOSALS (RFP) # 13-16

Design, Furnish and Install Solar Photovoltaic Energy System on a School Building

1. SOLICITATION AND PROPOSAL PROCESS

The CITY OF SOMERVILLE (the “**Issuer**”) is soliciting proposals, under M.G.L. c. 25A, § 11C, from solar energy developers (“**bidders**”) for a turnkey project to install a solar photovoltaic energy system (“**Solar Energy System**” or “**System**”) at the Dr. Albert F. Argenziano School at Lincoln Park at 290 Washington Street, Somerville, MA 02143 (the “**Premises**”) and furnish the Issuer with solar-generated electricity produced by the System. Sealed proposals from bidders, as required in accordance with all terms and specifications contained herein, will be received by Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143 until: 11:00 a.m. August 22, 2012.

The budget for the design, build and installation of this project is \$150,000.00

A Pre-Bid Conference will commence on August 8, 2012 at 11:00 a.m. at the Argenziano School at 290 Washington Street. Following the Pre-Bid Conference, tours of the Premises will be offered by the Issuer.

Proposals must be submitted in a sealed outer package addressed to Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143. Within each envelope or package, the bidder shall enclose one (1) complete copy of this request for proposals (“**RFP**”) and a cover letter with the signature, name, and title of the person authorized to commit the bidder to the terms of the proposal.

The bidder’s proposal shall include a “**Non-Price Proposal**” and a “**Price Proposal**.”

The Non-Price Proposal (three (3) hard copies and one (1) CD-ROM in Adobe Acrobat (pdf) format) shall be placed in a separate sealed envelope within the outer package marked with the

bidder's *company name*, and plainly marked in the lower left hand corner: "Argenziano School Solar Energy System Non-Price Proposal - Hold for Public Opening."

The Price Proposal (one (1) hard copy and one (1) CD-ROM in Adobe Acrobat (pdf) format) shall be placed in a separate sealed envelope within the outer package marked with the bidder's *company name* and "Solar Energy System Price Proposal - Hold for Post Evaluation."

It is the bidder's responsibility to see that its proposal is delivered within the time and at the place prescribed. No proposals shall be opened by the Issuer until the time set for opening (the "**Public Opening**"). Proposals may be withdrawn upon written request (on the letterhead of the bidder and signed by the person signing the proposal) and must be received prior to the Public Opening. Proposals may be modified in the same manner. No proposal or modification thereof received after the Public Opening will be considered.

All proposals should be written in ink or typed. If there is any correction with whiteout, the person signing the proposal must initial the correction.

No selected bidder shall discriminate against any employee or applicant for employment because of a physical or mental handicap for any position for which the employee or applicant is qualified and, in the event of noncompliance, the Issuer may declare the selected bidder in breach and take any necessary legal recourse including termination or cancellation of any contract awarded pursuant to this RFP.

A bidder filing a proposal thereby certifies that (1) no officer, agent, or employee of the CITY OF SOMERVILLE has a pecuniary interest in the proposal or has participated in contract negotiations on the part of the Issuer; (2) the proposal is made in good faith without fraud, collusion, or connection of any kind with any other prospective bidder for the same RFP, and (3) the prospective bidder is competing solely on its own behalf without connection with, or obligation to, any undisclosed person or firm.

The right is reserved, as the interest of the Issuer may require, to reject any or all proposals, to waive any technical defect or informality in proposals received, and to accept or reject any proposal or portion thereof.

All questions pertaining to this RFP should be referred to Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143 prior to 5:00 p.m. on Thursday, August 9, 2012.

One (1) copy of this RFP will be furnished to bidders on request. Electronic copies of this RFP are available upon request to purchasing@somervillema.gov.

It is the bidder's responsibility to check prior to the Public Opening for any updates issued as a result of questions or changes needed in this RFP.

2. SCHEDULE

Bidders' Registration Due for Pre-Bid Conference and Site Visit	8/8/2012 11:00 a.m.
Mandatory Pre-Bid Conference	8/8/2012 11:00 a.m.
Mandatory Site Visits	8/8/2012 11:00 a.m.
Questions Due to Issuer	8/9/2012 5:00 p.m.
Responses to Questions/Addenda Issued	8/13/2012
Proposals Due to Issuer	8/22/2012 11:00 a.m.
Public Opening of Proposals	8/22/2012 11:00 a.m.
Final Negotiations	9/2012
Selection by Contract Award	9/2012

3. GENERAL TERMS AND CONDITIONS

3.1 Receipt and Opening of Bid. Sealed bids/proposals will be accepted by Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143 until the time indicated in the above schedule for the services designated in the specifications and will then be publicly opened and read.

3.2 Form of Bid. Bids must be submitted on and in accordance with the forms attached to this RFP as Appendices A and B. No change shall be made in the phraseology of the form or in the item or items mentioned herein. The bid must contain the name and proper address of the bidder, be signed by a responsible member of the bidder with his/her signature and official title. Except as otherwise provided in this RFP, bids that are incomplete, contain any omissions, erasures, alterations, additions or irregularities of any kind may be rejected.

3.3 Submission of Bids.

(a) Packages containing bids must be sealed and addressed as specified in Section 1 above.

(b) The Issuer shall decide when the specified time has arrived to open bids and no bid received thereafter will be considered.

(c) Any bidder may withdraw or modify its bid by written request at any time prior to the advertised time of the Public Opening. Telephonic bids, amendments or withdrawals will not be accepted.

(d) Unless otherwise specified, no bid may be withdrawn for a period of sixty (60) days from the Public Opening. Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it has been opened.

(e) Bids received prior to the Public Opening will be securely kept unopened. No responsibility will attach to an officer or person for the premature opening of a bid not properly addressed and identified.

(f) Any deviation from the specifications must be noted in writing and attached as a part of the bid. The bidder shall indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

(g) Any bidder taking exception to, or questioning any of the provisions, procedures, conditions or specifications herein stated should make such exceptions known to Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143, in writing, by **5:00 p.m. Thursday, August 9, 2012.**

(h) Any change or interpretation made as a result thereof will be mailed or emailed to all prospective bidders. Should a bidder still not be satisfied, the bidder may, in the bid, set out and stipulate the exception, with enough explanation to be understood by the Issuer and, within the stipulation, the INCREASE or DECREASE in the bid price because of the exception shall be stated. The Issuer may, at its discretion, accept or reject any or all exceptions.

3.4 Prices. Bidders shall state the Price Proposal in the manner as designated in the form attached to this RFP as Appendix G. In the event there is a discrepancy between the price written in words and written in figures, the prices written in words shall govern.

3.5 Term. Discounts for a period less than [X] days may not be considered. *Not applicable.*

3.6 Massachusetts Sales Tax. The CITY OF SOMERVILLE is exempt from the payment of Massachusetts Sales Tax.

3.7 Federal Excise Taxes. The CITY OF SOMERVILLE is exempt from the payment of any excise or federal transportation taxes. The Price Proposal must be exclusive of taxes and will be so construed.

3.8 Award and Contract. The Issuer will utilize an evaluation system and will decide on a preferred bidder. All proposals will be reviewed and rated based upon a combination of factors regarding the proposal submitted and the evaluation criteria set forth in this RFP. It is the responsibility of the bidder to provide information, evidence or exhibits that clearly demonstrate the bidder's ability to satisfactorily respond to project requirements and the factors listed on the proposal forms.

Each bidder that responds will be ranked on capability. The Issuer will negotiate a contract with the most qualified person at compensation which the public agency determines is fair, competitive, and reasonable. A written award (or acceptance of bid) mailed (or otherwise furnished) to the selected bidder shall, unless otherwise specified, be deemed to constitute a binding contract without further action by either party. The Issuer will negotiate relative to scope, services fee and payment schedules. If an agreement cannot be reached with the top-ranked bidder, those negotiations will be ended and negotiations will be undertaken with the second-ranked bidder, and so on down the list until an agreement is reached.

Each proposal submitted in response to this RFP is subject to all of the contract terms and any contract awarded will incorporate all of these contract terms.

A responsible bidder is a bidder that demonstrably possesses the skill, ability, financial resources, and integrity necessary to faithfully perform the work called for in this RFP. Each responsive proposal from a responsible bidder will be evaluated solely according to the criteria set forth in this RFP. Each Non-Price Proposal will be assigned a rating of *highly advantageous*, *advantageous*, *not advantageous*, or *unacceptable* with respect to each criterion, and the reasons for each rating will be set forth in writing or by checklist. A composite rating for each Non-Price Proposal will be set forth in writing, along with the reasons for the rating. The evaluation committee will determine the most advantageous proposal from a responsible bidder, taking into consideration the Non-Price Proposal ratings and Price Proposal. If the contract is awarded to a bidder that did not submit the lowest price, the evaluation committee will set forth a written explanation of the reasons for the award.

Proposals will be opened at the Public Opening in the presence of one or more witnesses at the time stated. At the Public Opening, the Issuer shall prepare a register of proposals for public inspection. A bidder may correct, modify, or withdraw a proposal by written notice to Angela M. Allen, Purchasing Director, City Hall, 93 Highland Avenue, Somerville, MA 02143 prior to Public Opening. After the Public Opening, a bidder may not change the price or any other provision of the proposal in a manner prejudicial to the interest of, or to, fair competition. The Issuer may waive minor informalities or allow the bidder to correct them. The Issuer may permit a bidder to withdraw an offer if a mistake is evident on the face of the document but the intended correct offer is not similarly evident. The Issuer reserves the right to cancel this procurement at any time before a contract is executed and approved, in which event will reject all proposals

received in response to this RFP. The Issuer shall award a contract by written notice to the selected bidder as soon as possible after the Public Opening, unless the time for contract award is extended by mutual agreement between the Issuer and the selected bidder. All substantive inquiries from prospective bidders concerning this RFP must be submitted in writing and may be shared with other prospective bidders. All responses to substantive questions shall be in writing, will be simultaneously distributed to all recipients of the RFP, and will be made available to all interested parties.

Every proposal must be in two parts, submitted in separate, clearly marked, sealed envelopes: (1) Non-Price Proposal; and (2) Price Proposal.

The **Non-Price Proposal** must consist of the following documents:

- (a) Documentation evidencing that the bidder is responsible, demonstrably possessing the skill, ability and integrity necessary to faithfully perform the work called for by a particular contract, based upon a determination of competent workmanship and financial soundness in accordance with the provisions of section 44D of chapter 149.
- (b) All proposals must contain DCAM certificate of eligibility and Contractor Update Statement,
- (c) Certification of financial interest disclosure and of non-collusion, signed and submitted on the form attached to this RFP as Appendix A2.
- (d) Certification of compliance with state tax laws, reporting of employees and contractors, and withholding and remitting of child support, as required by M.G.L.ch. 62C, § 49A, signed and submitted on the form attached to this RFP as Appendix A3.
- (e) Letter of transmittal, signed by an individual authorized to bind the bidder contractually, certifying that the bidder will, if accepted for a contract award execute a contract in accordance with the terms of this proposals within five (5) business days of the notice of award.
- (f) Certification that the bidder, if awarded a contract, will guarantee completion of all work required within due dates or the time periods needed.
- (g) Any other documents required, but not included in the Price Proposal.

The **Price Proposal** must be submitted in a separately sealed envelope and offer a price that includes the furnishing of all materials, services, labor, performance and payment bonds, insurance, and other costs incurred in the performance the contract, signed by an individual authorized to bind the bidder contractually, and submitted on the form attached to this RFP as Appendix G.

After a composite rating has been assigned for each proposal on the basis of the evaluation criteria in this section, the evaluation committee shall review the Price Proposals and determine the most advantageous proposal, taking into consideration the Non-Price Proposal ratings and the price. If the evaluation committee selects a proposal other than the lowest-priced proposal, the evaluation committee shall explain in writing why the added benefits of the proposal justify its higher price. The award of a contract to any bidder whose Non-Price Proposal was rated *unacceptable* with respect to one or more criteria will be conditioned on the negotiation of the revisions recommended by the evaluation committee at no increase in the proposed price.

Based upon the results of this review and interview process (if applicable), a ranking recommendation will be submitted to Mayor Joseph A. Curtatone for approval. The top-ranked bidder(s) from the list approved by Mayor Joseph A. Curtatone will be contacted for an agreement. If an agreement cannot be reached, negotiations with other bidders, in order of their ranking, will be conducted until an agreement can be reached. The Issuer reserves the right to waive any and all informalities and to award the proposal on the basis of the above procedures to the bidder it deems most qualified.

Submission of a proposal shall be conclusive evidence that the bidder is familiar with the Premises and has examined the contract documents and is familiar with all the conditions of this procurement. Upon finding any omissions or discrepancy in the proposal documents, the bidder shall notify the Issuer immediately so that any necessary addenda may be issued. Failure of the bidder to completely investigate the Premises and/or to be thoroughly familiar with the contract documents (including plans, specifications and all addend) shall in no way relieve the bidder from any obligation with respect to the proposal.

3.9 Any firm providing services to or doing business with the City of Somerville shall be an Equal Employment Employer.

3.10 The Issuer reserves the right to reject any and all bids, to waive any technical defect or informality in the bids received and to accept the bid deemed to be most favorable to the best interests of the City of Somerville. The Issuer reserves the right to cancel the contract at any time should key personnel or sub-consultants presented in the proposal, or subsequent written or oral representations as assigned a significant percentage of their time, not actually be doing work as represented. Upon satisfactory notice, the Issuer may, at its option, accept replacement persons or sub-consultants.

3.11 For construction projects in excess of \$25,000.00 the selected bidder will be required to provide surety bonds as follows: bid bond equal to five percent (5%) of the total bid value; payment and performance bonds, each one hundred percent (100%) of the contract price.

3.12 Prevailing Wages. The selected bidder and any sub-contractor(s) shall comply with the provisions of Massachusetts General Laws, pertaining to the "Prevailing Wage Laws" for all municipal funded projects. As required, the selected bidder and/or any sub-contractor(s) must certify and submit weekly payroll forms to the Capital Projects Management Department.

3.13 None of the services covered by the contract shall be assigned in full or in part, or subcontracted without the prior approval of the Issuer. If any work is to be subcontracted, a subcontracting plan must be submitted as part of the proposal.

3.14 This contract will be for the services described below; however, this agreement should not be considered exclusive. As deemed necessary, the Issuer reserves the right to obtain these services from any other vendor.

3.15 Unless otherwise specified all costs listed are firm for the term of the contract.

3.16 Neither party shall be liable for any inability to perform its obligations under any subsequent agreement due to war, riot, insurrection, civil commotion, fire, flood, earthquake, storm or other act of God.

3.17 Insurance. The selected bidder(s) shall be required to provide the Issuer with proof of insurance submitted to the Issuer as follows:

(a) General Liability Insurance in the amount of one million dollars each occurrence.

(b) Automobile Liability Insurance including the use of all vehicles owned, leased, hired or borrowed, with limits not less than \$500,000 for personal injury and \$250,000 for property damage.

(c) Massachusetts Worker's Compensation Insurance in the amount of statutory limits.

(d) Professional Liability Insurance in the amount of one million dollars.

(e) The City of Somerville must be named as an additional insured.

3.18 The selected bidder shall hold harmless, defend, and indemnify the City of Somerville and its officers, agents and employees against all claims, demands, actions and suits (including all attorneys' fees and costs) brought against any of them arising from the selected bidder's work or any subcontractor's work under the contract.

3.19 Notification of the parties shall be considered to have been constructively received when it is mailed via the United States Postal Service or delivered in hand to the parties as stated in the contract, or emailed, which shall be presumed by the Issuer to be successfully delivered unless a notice of failure to deliver is received back to the Issuer.

3.20 If any of the General Terms and Conditions set forth in this Section 3 is held to be invalid or unenforceable, it will be construed to have the broadest interpretation which would make it valid and enforceable under such holding. Invalidity or unenforceability of a term or condition will not affect any of the other General Terms and Conditions.

3.21 Each and every provision and clause required by law to be inserted in any subsequent contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party, the contract shall forthwith be physically amended to make such insertion or correction.

3.22 “**Bid**” shall also mean proposal, quotation, bid, offer, qualification/experience statement, and services. “**Bidders**” shall also mean vendors, offerors, bidders, or any person or firm responding to this RFP.

3.23 All contracts entered into by the Issuer shall be governed by the Laws of the State of Massachusetts. Any disputes shall be resolved within the venue of the State of Massachusetts.

3.24 The selected bidder will comply with all Federal, State and Municipal Laws, ordinances, rules and/or regulations including Labor Laws and those against discrimination.

3.25 The bid should be inclusive of all costs including overhead, travel, local transportation, supplies and materials.

3.26 As set forth in Section 5 below, in addition to the conditions set forth above, the bidder must comply with any requirements associated with participation by The City of Somerville in the Commonwealth Solar initiative administered by the Massachusetts Clean Energy Center.

3.27 Guarantee Performance Requirement. Upon final completion of the project and satisfactory performance of the system for a dedicated period of time after final completion, the selected bidder(s) shall be released from any guarantee performance requirement.

4. PURPOSE

The Issuer desires to procure all the necessary services for a turnkey project to install a photovoltaic solar panel array for use by the Issuer in the building located on the Premises, all as set forth in Exhibit A (“Description of the Premises”) of Appendix B of attached to this RFP. The Issuer seeks proposals from entities in the business of installing, solar power electric generation facilities to finance, install, the System, as more particularly set forth in Exhibit B (“Description of the System”) of Appendix B attached hereto, on the Premises (the “**Project**”).

5. BACKGROUND

The Project has been initiated by the Issuer with the assistance of the Massachusetts Clean Energy Center (“**MassCEC**”) through the Commonwealth’s Solar Initiative.

5.1 Issuer The Issuer is the City of Somerville, a duly incorporated municipality, acting through its Purchasing Department for procurement and its Capital Projects Management Department for construction administration.

5.2 MassCEC. MassCEC is the state's quasi-public development agency for renewable energy and the innovation economy. As its name suggests, MassCEC uses a collaborative approach to achieving its mission, bringing together leaders from industry, academia, and government to advance technology-based solutions that lead to economic growth and a cleaner environment in Massachusetts. For additional information about MassCEC and its programs and initiatives, please visit MassCEC's website at <http://www.masscec.com>.

5.3 Commonwealth Solar. MassCEC administers Commonwealth Solar, which was announced in December 2007 and became operational in January 2008. Among other things, this initiative provides rebates to public buildings on a first-come, first-served basis for design and construction of solar photovoltaic energy projects up to 500 kilowatts in size. The initiative provides grant funding, through a competitive process, to assist with feasibility studies and design and construction of renewable energy projects, including wind energy, hydroelectric, and biomass energy. Projects must have an installed capacity of greater than 10 kilowatts and consume more than 25% of the renewable energy generated by the project onsite. Grant levels vary based on the characteristics of each project. For more information, please visit MassCEC's website at www.masscec.com. Participation by the City of Somerville in Commonwealth Solar imposes additional obligations in connection with the construction on the System. Each bidder must account for and agree to comply with these obligations in its proposal.

6. PROJECT SITE AND EXISTING SITE CONDITIONS

6.1 Property Description. The Premises is described in Exhibit A ("Description of the Premises") of Appendix B of attached to this RFP.

6.2 Site Conditions. The RFP (Appendix B, Exhibit B, Existing Conditions) provides further descriptive detail on the Premises. Before submitting a proposal, each bidder will be responsible for obtaining such additional studies and data concerning conditions (surface, subsurface and underground facilities) at the Premises or otherwise, which may affect the bidder's ability to comply with obligations under the RFP or which the bidder otherwise reasonably deems necessary to develop a proposal to undertake the Project in accordance with the terms and conditions of this RFP.

7. SCOPE OF WORK TO BE ADDRESSED

7.1 Key Project Elements

The selected bidder will be responsible for furnishing and installing the system and obtaining all necessary permits and approvals (e.g., building permits).

The generation capacity of the System generally should not exceed the expected "base load" electric consumption requirements of the Facility in order to ensure that the majority of the electricity produced is used on-site. To the extent that generation is not coincident with Facility load, the bidder's proposal must include a plan for the disposition of any power in excess of what will be purchased by Issuer (e.g., net metering, offsets, or sale into the wholesale power grid for the selected bidder's own account).

7.2 Role of the Issuer. To facilitate the development of the Project, the Issuer shall:

- (a) provide reasonable access to the Premises to obtain data (whether required or reasonably requested by the bidder);
- (b) grant to the selected bidder a license to allow the selected bidder to undertake the Project, as more specifically set forth in the Solar License Agreement Provisions;
- (c) provide access for the installation, maintenance, and ongoing operation of the System;
- (d) to the extent reasonable and appropriate, provide information to the selected bidder to assist the selected bidder in securing any remaining permits for the Project, including but not limited to local board approvals; and
- (e) cooperate with the selected bidder to the extent reasonable and appropriate on remaining issues with respect to access, construction and interconnection.

7.3 Role of MassCEC. This project must comply with MassCEC's grant contract with the City of Somerville. The awardee is required to submit all paperwork necessary to meet deliverable requirements in the grant contract.

8. PRELIMINARY PROJECT SCHEDULE

Following are key milestones for the Project and the required and desired completion dates.

Milestone	Milestone Date
Secure System Equipment and Assets	Desired Late Summer 2012
Completion of Balance of System Design	Desired Late Summer 2012
Mechanical Completion	Desired Late Summer 2012
Substantial Completion	Desired Late Summer 2012
Commercial Operation Date	Desired Late Summer 2012
Final Completion	Desired Late Summer 2012

9. MINIMUM EVALUATION CRITERIA

At a minimum, bidders shall provide the following information.

- (a) Timely submission of proposal.
- (b) Correctly following the terms and conditions of this RFP.
- (c) A Letter of Transmittal signed by the individual authorized to negotiate for and to submit a proposal, and any related votes of the corporation or Board of Directors as necessary as proof of authorization.
- (e) Fully executed forms as provided in this RFP (all Appendices attached to this RFP unless otherwise noted)
- (f) A copy of the appropriate licenses and/or approvals required by Federal, State, and/or local authorities.
- (g) A statement that the bidder is not debarred, suspended or otherwise prohibited from practice by any Federal, State, or local agency.

Proposals will be evaluated by the Issuer, using comparative criteria set forth as follows:

9.1 Non-Price Proposal

9.1.1 Approach and Schedule. Proposal shall include an explanation of how the bidder will approach the various tasks, including scheduling, methods and sources.

- a. Not Advantageous:
Incomplete proposal
- b. Advantageous:
Complete proposal
- c. Highly Advantageous:
Most extensive and clear proposal

9.1.2 Bidder Qualifications and Experience. Specialized experience is required in a series of work areas. Proposals must clearly demonstrate full knowledge, understanding, and experience in the methods, techniques and guidelines required for the performance of the required work. All elements within this factor are of equal importance. Capacity and capability of the bidder to perform the work on schedule and be responsive to the Issuer's concerns should be clear. The Issuer may evaluate the bidder's ability to form successful working relationships and communications with the Issuer.

- a. Not Advantageous:
Incomplete proposal

- b. Advantageous:
Complete proposal
- c. Highly Advantageous:
Most extensive and clear proposal

9.1.3 Personnel Qualifications and Availability. Specialized experience is required of the proposed project personnel to undertake the work assignments. Proposals must clearly demonstrate the capability, academic background, training, certifications and experience of the proposed personnel (not just of the bidder). The availability of the proposed staff is also of crucial importance and must be demonstrated. Specific project responsibility of staff to be assigned to the Project must be included, as well as professional background and caliber of previous experience of key persons and of each consultant to be assigned to the Project.

If sub-consultants will be employed, similar information must be provided and the portions to be sub-consulted must be identified. (There is no penalty for use of sub-consultants; the qualifications of the entire team will be evaluated.)

- a. Not Advantageous:
Incomplete proposal
- b. Advantageous:
Complete proposal
- c. Highly Advantageous:
Most extensive and clear proposal

9.1.4 Performance Record of Bidder. A list of references of at least three (3) recent contracting officers on projects of a similar nature, magnitude and complexity; references must include telephone number and affiliation, as well as a brief explanation of referenced work. The bidder shall indicate the individuals on staff who had responsibility for each project and whether or not these people are still employed by the bidder.

- a. Not Advantageous:
Incomplete proposal
- b. Advantageous:
Complete proposal
- c. Highly Advantageous:
Most extensive and clear proposal

9.1.5 Project Understanding. The bidder must demonstrate a comprehension of the role and function of this contract in meeting the needs of the Issuer. In addition to the

understanding of the scope and approach, the bidder must demonstrate the following, which will be considered in the selection:

- knowledge of current issues and state-of-the-art technologies.
 - experience demonstrated on similar projects.
 - working knowledge of the geographic area as evidenced by prior work experience in the region.
 - demonstrated expertise and ability for rapid turnaround and flexibility on short-term projects.
 - capability to effectively direct multiple simultaneous work assignments.
 - ability to integrate and utilize interdisciplinary study teams effectively on assignments requiring a variety of skills and expertise from in-house resources.
 - ability to provide the necessary skills and expertise from in-house resources.
- a. Not Advantageous:
Incomplete proposal
 - b. Advantageous:
Complete proposal
 - c. Highly Advantageous:
Most extensive and clear proposal

9.1.6 Thoroughness of Proposal

- a. Not Advantageous:
Incomplete proposal
- b. Advantageous:
Complete proposal
- c. Highly Advantageous:
Most extensive and clear proposal

9.1.7 Other Relevant Issues. The Issuer may evaluate importance of other relevant issues presented by the bidder.

- a. Not Advantageous:
Self-serving presentations that do not improve and advance the goals of this RFP
- b. Advantageous:
Presentations that do improve and advance the goals of this RFP
- c. Highly Advantageous:
Presentations that significantly improve and advance the goals of this RFP

9.2 Price Proposal. The bidder's Price Proposal must include all labor, materials, data acquisition system, warranty, utility interconnection as described on the scope of work (Appendix B, Exhibit B of this RFP).

all in the form of Exhibit C of Appendix B hereto.

- a. Not advantageous:
High price per kW, with no maximum
- b. Advantageous:
Low price per kW, with no maximum
- c. Highly Advantageous:
Low price per kW, with no maximum, and disposition of other attributes, credits, incentives, grants and rebates to the Issuer

10. APPENDICES

The following documents must be completed, signed if applicable and submitted with the proposals in the appropriate, separately sealed envelopes (Non-Price or Price).

Appendix A – Technical Proposal Forms

Appendix A1 – Bidder Contact Information

Appendix A2 – Certificate of Non-Collusion

Appendix A3 – Attestation Regarding Filing of Tax Returns

Appendix A4 – References

Appendix B – Description of Services

Exhibit A, Description of Premises

Exhibit B, Description of the System

Appendix C – Prevailing Wage Rates and Weekly Payroll Forms

Appendix D – City of Somerville Living Wage Information and Certification

Appendix E – MassCEC Minimum Technical Requirements

Appendix F – Statement of Management

Appendix G – Price Proposal Form (submit in separately sealed envelope**)**

APPENDIX A1

BIDDER INFORMATION FORM

TO: Angela M. Allen, Purchasing Director

The undersigned has read the Request for Proposals (RFP) and has carefully examined all specifications/evaluation criteria therein. The undersigned certifies that he/she has visited the site and that there are no known obstacles to prevent the execution of an agreement with the CITY OF SOMERVILLE. The undersigned acknowledges that the CITY OF SOMERVILLE may reject all proposals, or waive portions of the RFP for all proposals, if it deems it in its best interest.

Signature: _____

Bidder information:

Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Role with the Organization:

Organization Address:

APPENDIX A2
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)

(Name of person signing proposal)

(Name of business)

APPENDIX A3
ATTESTATION REGARDING FILING OF TAX RETURNS

TO: Angela M. Allen, Purchasing Director

Pursuant to M.G.L. ch. 62C, § 49A, I certify under the penalties of perjury that the undersigned bidder, to the best of his/her knowledge and belief, has filed all state tax returns and paid all state taxes required under law.

Social Security Number or
Federal Identification Number

Signature of Individual or Officer

Date

Name of Corporation

APPENDIX A4
REFERENCES

Bidder Name (Company/Firm, Person Submitting Bid):

Price Quote/Bid/Proposal Title: RFP 13-16

Bidder must provide references for all contracts performed within the past three years for relevant services to the scope of work in this RFP.

Reference: _____

Address: _____

Contact: _____

Phone/Fax: _____

E-mail: _____

Description and date(s) of supplies or services provided:

Reference: _____

Address: _____

Contact: _____

Phone/Fax: _____

E-mail: _____

Description and date(s) of supplies or services provided:

Reference: _____

Address: _____

Contact: _____

Phone/Fax: _____

E-mail: _____

Description and date(s) of supplies or services provided:

Attach additional sheets if necessary

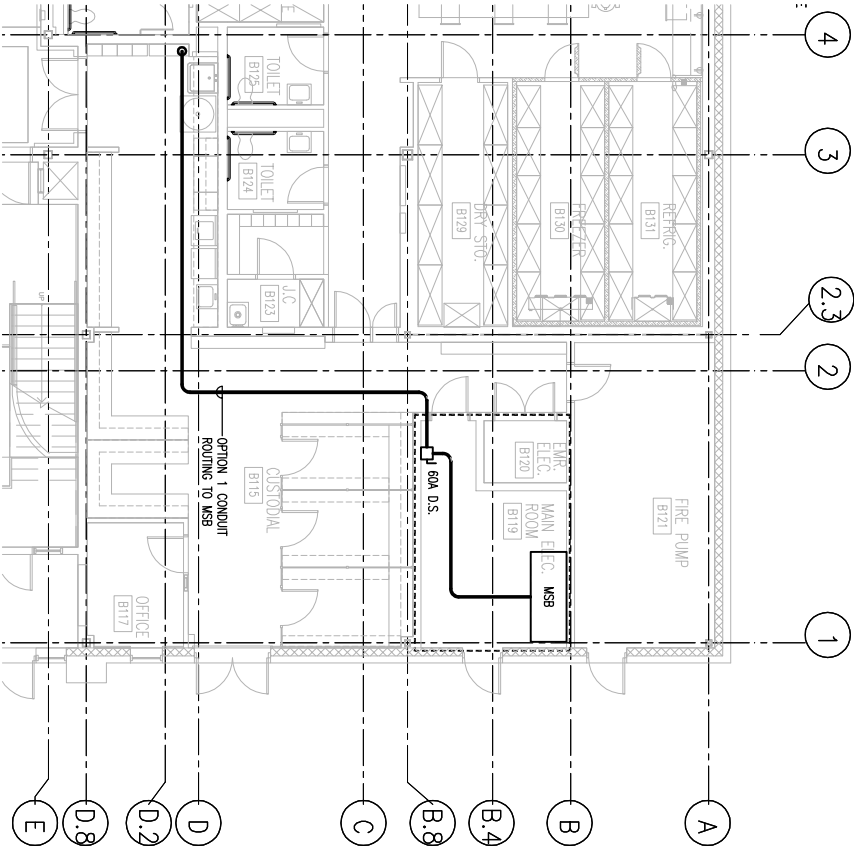
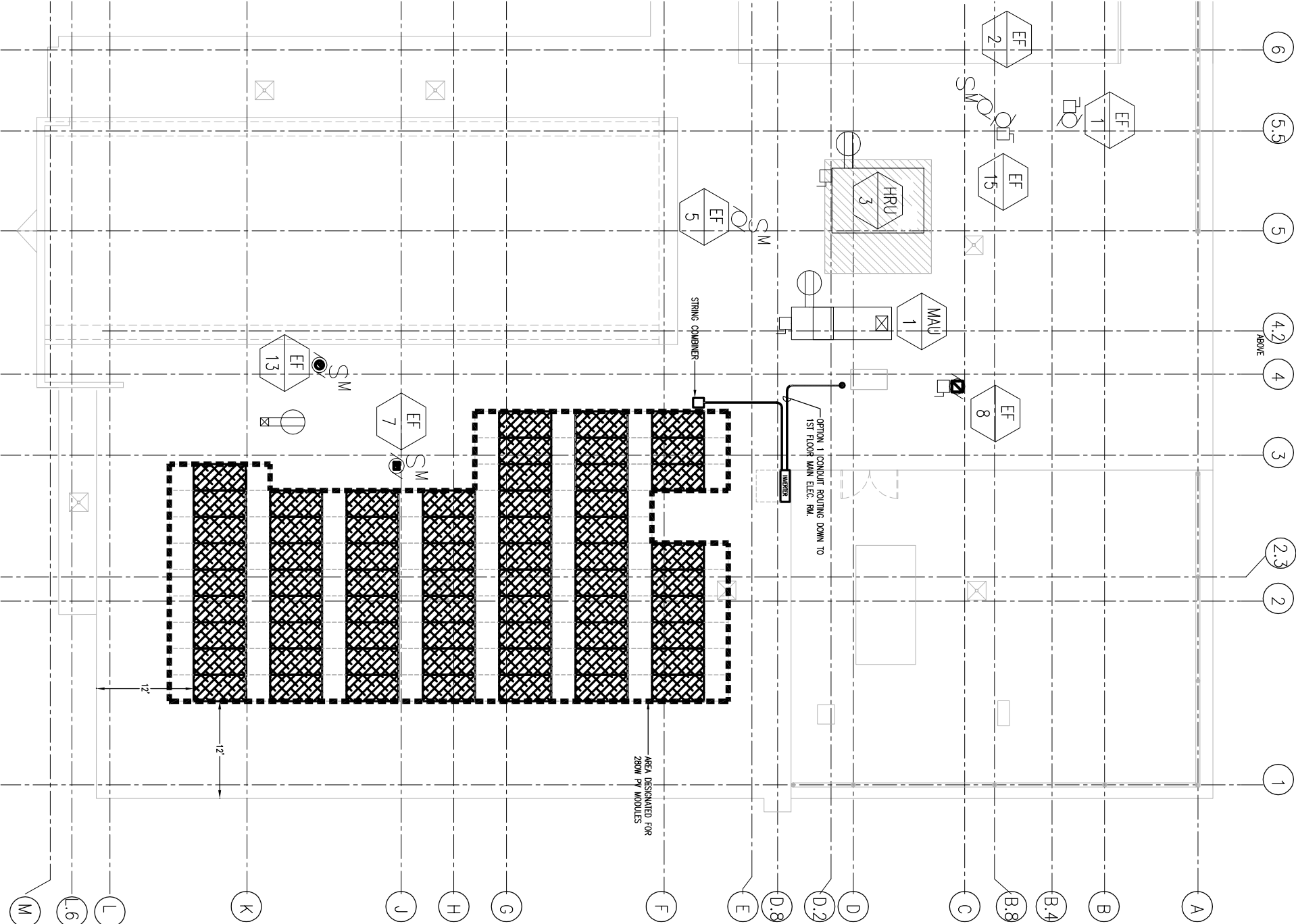
APPENDIX B
Exhibit A
DESCRIPTION OF THE PREMISES

The Dr. Albert F. Argenziano School at Lincoln Park is located at 290 Washington Street, Somerville, MA 02145. The school newly constructed and opened in September 2007. The school is designed to serve 600 children in grades K-8. The school will operate under a normal school day schedule and also will serve as a meeting place for the community and so will also be open occasionally at night and on weekends.

The school is approximately 111,000 sq. ft. The building uses electricity for power and cooling and is heated by natural gas.

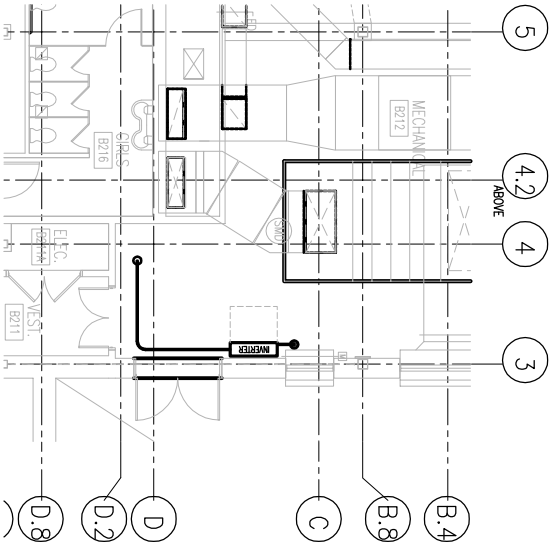
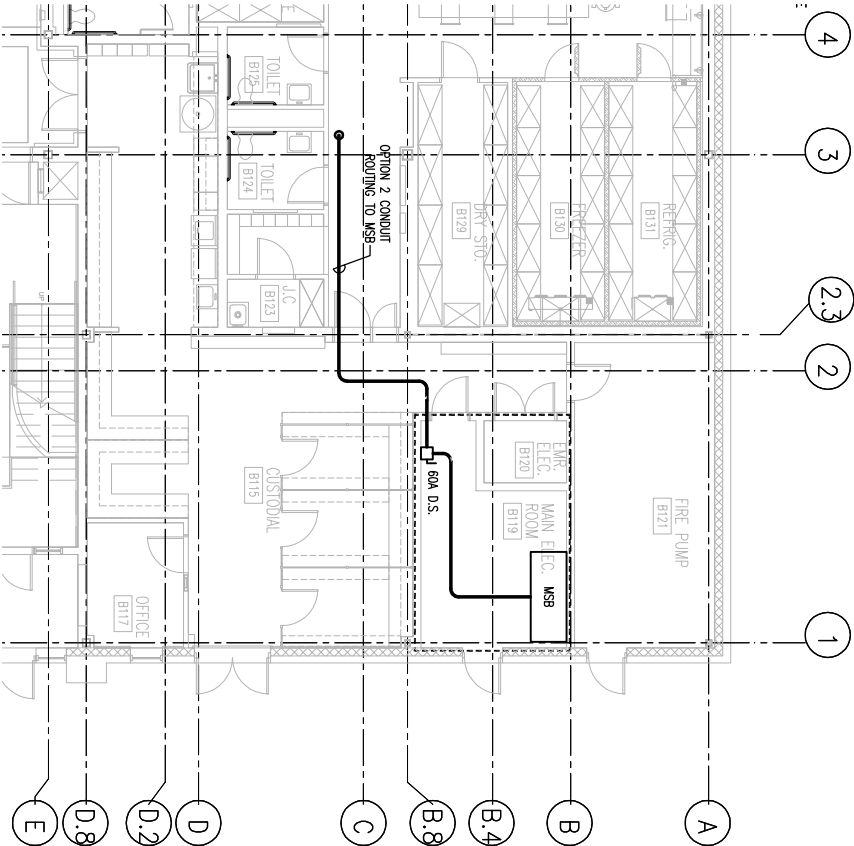
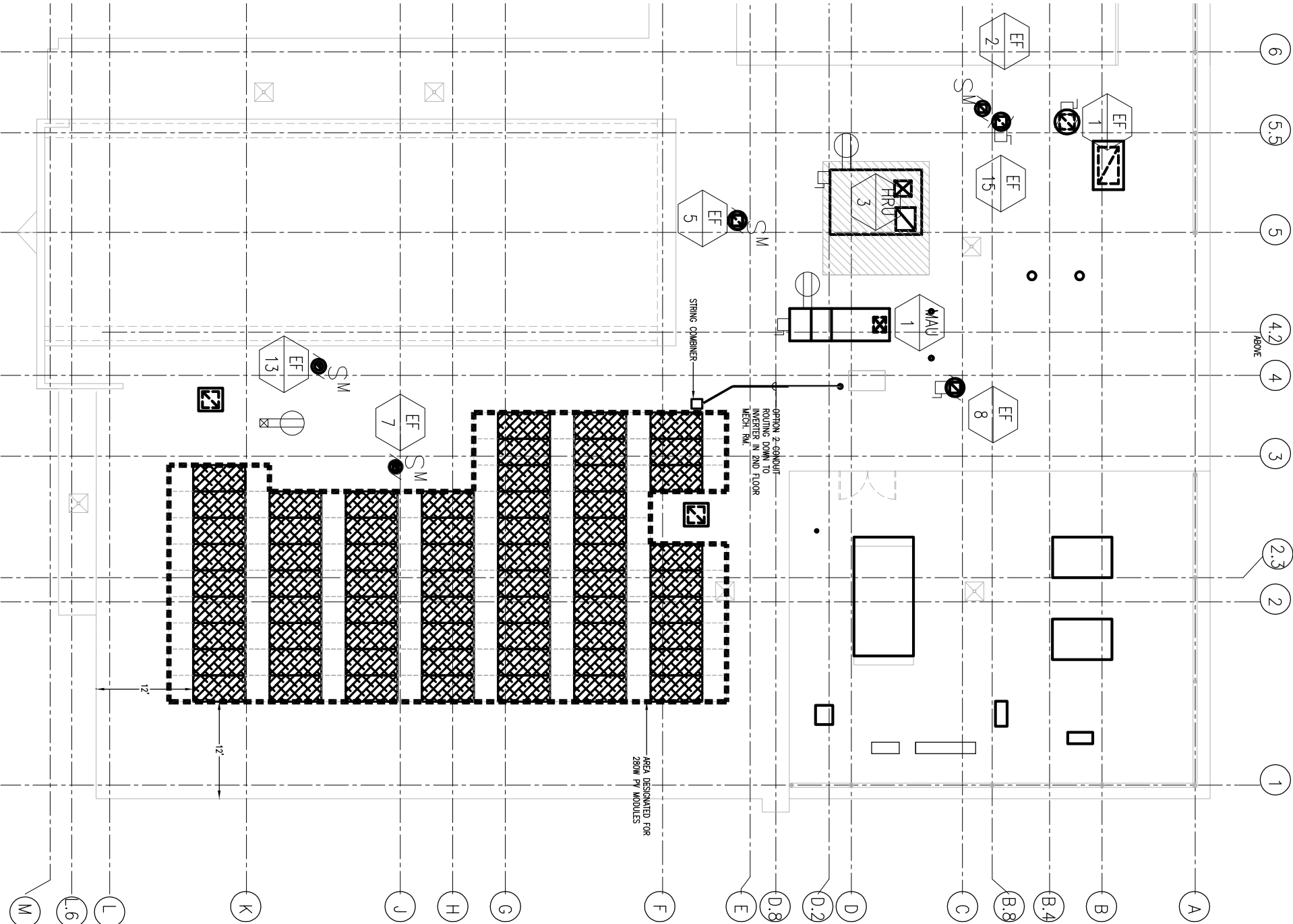
Argenziano Usage History 06/01/10 - 6/19/12

Date	Peak usage kWh	Off Peak usage kWh	DMD
06/19/2012	39,335	30,865	356
05/23/2012	53,801	22,447	302
04/22/2012	42,320	25,240	302
03/22/2012	49,997	22,747	327
02/21/2012	43,150	21,146	231
01/23/2012	44,886	24,282	228
12/20/2011	39,793	18,983	258
11/22/2011	43,297	21,863	264
10/20/2011	42,524	24,460	407
09/21/2011	39,463	31,745	425
08/22/2011	40,210	40,886	382
07/21/2011	43,385	33,799	444
06/22/2011	48,438	30,426	437
05/23/2011	42,123	18,885	314
04/24/2011	38,792	22,024	247
03/22/2011	39,970	24,086	314
02/17/2011	37,485	23,211	243
01/20/2011	38,737	19,679	228
12/21/2010	41,823	22,089	301
11/22/2010	47,985	22,431	386
10/21/2010	49,348	24,932	418
09/22/2010	47,538	34,878	475
08/19/2010	43,657	30,647	305
07/21/2010	55,636	36,572	413
06/18/2010	58,231	24,473	481
05/23/2010	52,571	18,109	370
04/22/2010	37,348	14,996	292
03/26/2010	38,184	15,912	249
02/27/2010	36,567	17,769	244
01/31/2010	44,578	26,486	253
12/30/2010	43,123	24,653	288
11/30/2010	41,002	27,278	288
10/29/2010	44,372	24,604	289
09/29/2010	47,403	33,501	363
08/30/2010	44,664	40,416	365
07/30/2010	36,899	35,725	338
06/30/2010	42,662	34,018	361
06/01/2010	57,271	28,721	353



GENERAL NOTES:
1. THE INVERTER SHALL BE FED FROM A 40A/3P C/B LOCATED IN THE MSB.

<div>SMMA</div> <div>STANES MAINI & MCKEE ASSOCIATES</div> <div>1000 Massachusetts Avenue Cambridge, MA 02138</div>	DR. ALBERT F. ARGENZANO SCHOOL AT LINCOLN PARK 290 WASHINGTON ST, SOMERVILLE, MA			DATE		PV-SKE-01
				11/11/2011		
	OPTION 1: ROOF & 1ST FLOOR PLAN PV MODULE LAYOUT & CONDUIT ROUTING			SCALE		
				1/16"=1'-0"		
			DR. BY APS	CK. BY BTG	JOB NO. 04145.06	



GENERAL NOTES:
1. THE INVERTER SHALL BE FED FROM A 40A/3P C/B LOCATED IN THE MSB.

<div>SMMA</div> <div>STANLEY MAINI & MCKEE ASSOCIATES</div> <div>1000 Massachusetts Avenue Cambridge, MA 02138</div>	DR. ALBERT F. ARGENZANO SCHOOL AT LINCOLN PARK 290 WASHINGTON ST, SOMERVILLE, MA			DATE	11/11/2011	PV-SKE-02
				SCALE		
				1/16"=1'-0"		
				OPTION 2: ROOF, 2ND & 1ST FLOOR PLAN PV MODULE LAYOUT & CONDUIT ROUTING		

APPENDIX B
Exhibit B
DESCRIPTION OF THE SYSTEM

**Somerville Argenziano Elementary School
Photovoltaic (PV) System Design and Installation
Scope of Work**

The scope of work shall include all items necessary for a the design and construction of a complete, safe, fully functional photovoltaic (PV) system, including design documents, specifications, all material, parts, conduit, wire, connectors, hardware, tools, lifting crane, labor, and supervision, even though they may not be specifically enumerated.

The hired contractor is responsible for the design and installation of the solar photovoltaic power system, hereafter referred to as the “PV Contractor.” The PV Contractor must have adequate experience and capability to perform (or to effectively hire, oversee, and manage qualified subcontractors to perform) the design and installation of the PV system.

The PV system must be designed as a permanent installation, to remain on the site for its useful design life (25 years).

The system will consist of the following major components, at minimum:

1. Solar photovoltaic modules in total, rated under Standard Test Conditions
2. A non-penetrating, free-standing, self-ballasted photovoltaic mounting system, allowing air circulation underneath the modules
3. Inverter
4. Rooftop fused combiner box
5. DC disconnect (preferably located on the roof)
6. Conduit and cables
7. Provide proper grounding of the PV system
8. AC production meter
9. Data acquisition system for system monitoring and automatic reporting to the MA-PTS.
10. Ventilation system, if required, to address excess heat from inverter.

Data Acquisition System

The DAS provided with the system must meet the following criteria:

1. Include a user-friendly and web-accessible interface that:
 - a. Displays real time performance (energy/power, voltage, weather data)
 - b. Allows the download of historical data for use with common spreadsheet applications
 - c. Is accessible from any computer connected to the Internet
2. Provide automated monthly reporting to the PTS
3. Include responsive customer service and technical support, provided without further charge to the customer
4. All equipment used must carry warranties of not less than 1 year
5. Subscription services for the DAS, if any, must be included for a period of at least 12 months, with the option to renew on an annual basis.
6. Include curriculum integration support and classroom materials to help educators include data from the PV system in applicable courses

Design documents shall include at minimum, but not be limited to:

1. PV System size (SF), total AC/DC output from panels, as well as inverter ac ratings
2. Which building load the PV system will be serving
3. Roof layout
4. Inverter room layout
5. Conduit routing
6. I line electrical diagram
7. The PV System design and construction must strictly comply with applicable codes, regulations and requirements of authorities having jurisdiction for the State of Massachusetts.
8. All project electrical work must be performed by a Massachusetts-licensed electrician professional.
9. The PV project must adhere to a minimum design threshold such that the estimated system output for the system based on actual shading, azimuth, and inclination is at least 70% of the default optimal output estimated by PVWATTS.
10. PV panels and/or PV system equipment must meet MACEC minimum requirements for MA regional manufacturing equipment.
11. Provide for a minimum 10' setback from the existing roof edges.
12. Provide for full commissioning of the PV system.

Warranty

1. Five (5) years on Workmanship
2. Twenty-five (25) years on PV modules
3. Five (5) years on Inverters.

Utility Interconnection

1. Provide utility interconnection planning, coordination, work and testing, as required by utilities.
2. Provide standard utility revenue-quality meter that conforms with applicable American National Standards Institute (ANSI) C-12 standards with a visible display for cumulative electrical energy (in units of kWh) produced by the solar PV system.

Existing Conditions

1. Research and provide optimal location of Photovoltaic system on the existing roof, as well as structural analysis.
2. Protection of existing roof during installation, including any required repairs and maintenance of the current provisions of the roof warranty held by the Owner.
3. Maintain existing roof warranty "in full force and effect" prior and after the PV system installation.
4. Only certified technicians of the roofing product company shall make any penetrations or modifications to the roof membrane or any component of the roof system.

Protection, maintenance and restoration of paving and landscaping at ground level in the work area.

Give notices, file plans, obtain permits and licenses, pay fees and back charges, and obtain necessary approvals from authorities having jurisdiction as required to perform work in accordance with all legal requirements and with Specifications, Drawings, Addenda, and Change Orders.

Furnish all contracting services, including design computations, detailing, approval of shop drawings, and field inspection, as indicated on the Drawings, specified herein, or both.

Provide a job site training session on the inverter/PV panel system and one (1) year of technical support for the technicians and designated maintenance personnel.

Contractor to coordinate with owner all deliveries, storage area, parking hoisting, staging areas, and obtain prior approval from the owner. Hoisting activities are prohibited during school days and evenings, or whenever any activities are taking place at the facility.

Background Checks

The successful respondent shall agree to submit the names of all on-site staff for CORI background checks.

PV System Builder Rev 2.2

[Print](#)

US

Project Specifications

Module manufacturer	NB Solar
Module model	TPB156-156-72-P 280W
Mounting method	Greater than 10° on flat roof
Temperature Range	-6 to 28 °C
Array STC Power Range	15 - 19 kW
Phase	Three Phase - 480

Module Specifications

STC	280 W	PTC	248.25 W
IMP	8 A	ISC	8.43 A
VMP (25 °C)	35 V	VOC (25 °C)	44 V
Vmp Temp Coefficient	-0.1575 V/°C	Voc Temp Coefficient	-0.154 V/°C
Warmest Day Vmp	29.09 V	Coldest Day VOC	48.77 V

Inverter Specifications

PVI 10/13/15 kW



V_{dc} max	475 V
V_{dc} min	205 V
V_{dc} start	270 V

Recommended String Combiner section

Inverter(s)	String(s)	String Fuse Size	String Combiner Box(es)
PVI 15KW - 480	8	15A	STRCOM 8x15A

Recommended String Sizing Solution

$P_{STC}[W_{DC}]$	$P_{PTC}[W_{DC}]$	^{1*} $P_{AC}[W_{AC}]$	Total Modules	Strings	Mods / String	^{2*} VMP Hot	VOC Cold	Suggested Inverters
17920	15888	14998	64	8	8	233	391	(1) PVI 15kW

^{1*} Estimated AC output power^{2*} 1% wire loss included

APPENDIX C
PREVAILING WAGE RATES AND WEEKLY PAYROLL FORMS

For informational purposes. Successful bidder will be required to submit these forms weekly.



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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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>	06/01/2012	\$31.25	\$8.56	\$7.27	0.00	\$47.08
	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>	06/01/2012	\$31.32	\$8.56	\$7.27	0.00	\$47.15
	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>	06/01/2012	\$31.44	\$8.56	\$7.27	0.00	\$47.27
	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>	08/01/2011	\$80.43	\$9.80	\$17.12	0.00	\$107.35
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:



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Secretary
HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

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Job Location: 290 Washington Street, Somerville, MA

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
	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
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

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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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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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

BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	03/01/2012	\$46.56	\$10.18	\$17.25	0.00	\$73.99
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BRICKLAYERS LOCAL 3 (BOSTON)

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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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 - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.28	\$10.18	17.25	\$0.00	\$50.71
2	60	\$27.94	\$10.18	17.25	\$0.00	\$55.37
3	70	\$32.59	\$10.18	17.25	\$0.00	\$60.02
4	80	\$37.25	\$10.18	17.25	\$0.00	\$64.68
5	90	\$41.90	\$10.18	17.25	\$0.00	\$69.33

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
CAISSON & UNDERPINNING LABORER LABORERS - FOUNDATION AND MARINE	12/01/2011	\$31.65	\$7.10	\$12.60	0.00	\$51.35
CAISSON & UNDERPINNING TOP MAN LABORERS - FOUNDATION AND MARINE	12/01/2011	\$31.65	\$7.10	\$12.60	0.00	\$51.35

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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
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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
CARBIDE CORE DRILL OPERATOR	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
LABORERS - ZONE 1	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
CARPENTER	03/01/2012	\$38.22	\$9.80	\$15.61	0.00	\$63.63
CARPENTERS -ZONE 1 (Metro Boston)						

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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - CARPENTER - Zone 1 Metro Boston

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.11	\$9.80	1.57	\$0.00	\$30.48
2	60	\$22.93	\$9.80	1.57	\$0.00	\$34.30
3	70	\$26.75	\$9.80	10.90	\$0.00	\$47.45
4	75	\$28.67	\$9.80	10.90	\$0.00	\$49.37
5	80	\$30.58	\$9.80	12.47	\$0.00	\$52.85
6	80	\$30.58	\$9.80	12.47	\$0.00	\$52.85
7	90	\$34.40	\$9.80	14.04	\$0.00	\$58.24
8	90	\$34.40	\$9.80	14.04	\$0.00	\$58.24

Notes:

Apprentice to Journeyworker Ratio:1:5

CEMENT MASONRY/PLASTERING BRICKLAYERS LOCAL 3 (BOSTON)	07/01/2012	\$41.76	\$10.50	\$18.61	1.30	\$72.17
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Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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 1</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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Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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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Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
DEMO: ADZEMAN <i>LABORERS - ZONE 1</i>	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35
DEMO: BACKHOE/LOADER/HAMMER OPERATOR <i>LABORERS - ZONE 1</i>	12/01/2011	\$32.80	\$7.10	\$12.45	0.00	\$52.35
DEMO: BURNERS <i>LABORERS - ZONE 1</i>	12/01/2011	\$32.55	\$7.10	\$12.45	0.00	\$52.10
DEMO: CONCRETE CUTTER/SAWYER <i>LABORERS - ZONE 1</i>	12/01/2011	\$32.80	\$7.10	\$12.45	0.00	\$52.35
DEMO: JACKHAMMER OPERATOR <i>LABORERS - ZONE 1</i>	12/01/2011	\$32.55	\$7.10	\$12.45	0.00	\$52.10
DEMO: WRECKING LABORER <i>LABORERS - ZONE 1</i>	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35
DIRECTIONAL DRILL MACHINE 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
DIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2011	\$53.62	\$9.80	\$17.12	0.00	\$80.54
DIVER TENDER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2011	\$38.30	\$9.80	\$17.12	0.00	\$65.22
DIVER TENDER (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2011	\$57.45	\$9.80	\$17.12	0.00	\$84.37
DIVER/SLURRY (EFFLUENT) <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2011	\$80.43	\$9.80	\$17.12	0.00	\$107.35

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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number:

City/Town: SOMERVILLE

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Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
ELECTRICIAN	03/01/2012	\$42.37	\$13.00	\$13.87	0.00	\$69.24
<i>ELECTRICIANS LOCAL 103</i>	09/01/2012	\$43.05	\$13.00	\$13.89	0.00	\$69.94
	03/01/2013	\$43.77	\$13.00	\$13.91	0.00	\$70.68
	09/01/2013	\$44.45	\$13.00	\$13.93	0.00	\$71.38
	03/01/2014	\$45.17	\$13.00	\$13.95	0.00	\$72.12
	09/01/2014	\$45.84	\$13.00	\$13.97	0.00	\$72.81
	03/01/2015	\$46.55	\$13.00	\$14.00	0.00	\$73.55
	09/01/2015	\$47.51	\$13.00	\$14.03	0.00	\$74.54
	03/01/2016	\$48.47	\$13.00	\$14.05	0.00	\$75.52

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Job Location: 290 Washington Street, Somerville, MA

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	\$17.22	\$13.00	7.82	\$0.00	\$38.04
2	40	\$17.22	\$13.00	7.82	\$0.00	\$38.04
3	45	\$19.37	\$13.00	10.27	\$0.00	\$42.64
4	45	\$19.37	\$13.00	10.27	\$0.00	\$42.64
5	50	\$21.53	\$13.00	10.60	\$0.00	\$45.13
6	55	\$23.68	\$13.00	10.93	\$0.00	\$47.61
7	60	\$25.83	\$13.00	11.25	\$0.00	\$50.08
8	65	\$27.98	\$13.00	11.59	\$0.00	\$52.57
9	70	\$30.14	\$13.00	11.91	\$0.00	\$55.05
10	75	\$32.29	\$13.00	12.25	\$0.00	\$57.54

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Awarding Authority: City of Somerville

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Job Location: 290 Washington Street, Somerville, MA

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 ELEVATOR CONSTRUCTORS LOCAL 4	01/01/2012	\$52.45	\$8.78	\$6.96	0.00	\$68.19

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						
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Apprentice to Journeyworker Ratio:1:1

ELEVATOR CONSTRUCTOR HELPER ELEVATOR CONSTRUCTORS LOCAL 4	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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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	\$43.05	\$13.00	\$13.89	0.00	\$69.94
	03/01/2013	\$43.77	\$13.00	\$13.91	0.00	\$70.68
	09/01/2013	\$44.45	\$13.00	\$13.93	0.00	\$71.38
	03/01/2014	\$45.17	\$13.00	\$13.95	0.00	\$72.12
	09/01/2014	\$45.84	\$13.00	\$13.97	0.00	\$72.81
	03/01/2015	\$46.55	\$13.00	\$14.00	0.00	\$73.55
	09/01/2015	\$47.51	\$13.00	\$14.03	0.00	\$74.54
FIRE ALARM REPAIR / MAINTENANCE <i>LOCAL 103</i> / COMMISSIONING <i>ELECTRICIANS</i>	03/01/2016	\$48.47	\$13.00	\$14.05	0.00	\$75.52
	03/01/2012	\$31.78	\$13.00	\$12.23	0.00	\$57.01
	09/01/2012	\$32.29	\$13.00	\$12.25	0.00	\$57.54
	03/01/2013	\$32.83	\$13.00	\$12.26	0.00	\$58.09
	09/01/2013	\$33.34	\$13.00	\$12.28	0.00	\$58.62
	03/01/2014	\$33.88	\$13.00	\$12.30	0.00	\$59.18
	09/01/2014	\$34.38	\$13.00	\$12.31	0.00	\$59.69
	03/01/2015	\$34.91	\$13.00	\$12.33	0.00	\$60.24
FIREMAN (ASST. ENGINEER) <i>OPERATING ENGINEERS LOCAL 4</i>	09/01/2015	\$35.63	\$13.00	\$12.35	0.00	\$60.98
	03/01/2016	\$36.35	\$13.00	\$12.37	0.00	\$61.72
	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
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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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 1)	07/01/2012	\$40.30	\$7.80	\$14.60	0.00	\$62.70
	01/01/2013	\$41.40	\$7.80	\$14.60	0.00	\$63.80

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - GLAZIER - Local 35 Zone 1

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.15	\$7.80	0.00	\$0.00	\$27.95
2	55	\$22.17	\$7.80	3.25	\$0.00	\$33.22
3	60	\$24.18	\$7.80	3.54	\$0.00	\$35.52
4	65	\$26.20	\$7.80	3.84	\$0.00	\$37.84
5	70	\$28.21	\$7.80	12.83	\$0.00	\$48.84
6	75	\$30.23	\$7.80	13.13	\$0.00	\$51.16
7	80	\$32.24	\$7.80	13.42	\$0.00	\$53.46
8	90	\$36.27	\$7.80	14.01	\$0.00	\$58.08

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.70	\$7.80	0.00	\$0.00	\$28.50
2	55	\$22.77	\$7.80	3.25	\$0.00	\$33.82
3	60	\$24.84	\$7.80	3.54	\$0.00	\$36.18
4	65	\$26.91	\$7.80	3.84	\$0.00	\$38.55
5	70	\$28.98	\$7.80	12.83	\$0.00	\$49.61
6	75	\$31.05	\$7.80	13.13	\$0.00	\$51.98
7	80	\$33.12	\$7.80	13.42	\$0.00	\$54.34
8	90	\$37.26	\$7.80	14.01	\$0.00	\$59.07

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

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THE COMMONWEALTH OF MASSACHUSETTS
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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: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HOISTING ENGINEER/CRANES/GRADALLS	06/01/2012	\$39.84	\$10.00	\$12.65	0.00	\$62.49
OPERATING ENGINEERS LOCAL 4	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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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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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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
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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
HVAC (DUCTWORK) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	02/01/2012	\$40.79	\$9.82	\$17.34	2.04	\$69.99
	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	\$43.05	\$13.00	\$13.89	0.00	\$69.94
	03/01/2013	\$43.77	\$13.00	\$13.91	0.00	\$70.68
	09/01/2013	\$44.45	\$13.00	\$13.93	0.00	\$71.38
	03/01/2014	\$45.17	\$13.00	\$13.95	0.00	\$72.12
	09/01/2014	\$45.84	\$13.00	\$13.97	0.00	\$72.81
	03/01/2015	\$46.55	\$13.00	\$14.00	0.00	\$73.55
	09/01/2015	\$47.51	\$13.00	\$14.03	0.00	\$74.54
HVAC (TESTING AND BALANCING - AIR) <i>SHEETMETAL WORKERS LOCAL 17 - A</i>	03/01/2016	\$48.47	\$13.00	\$14.05	0.00	\$75.52
	02/01/2012	\$40.79	\$9.82	\$17.34	2.04	\$69.99
	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
HVAC MECHANIC <i>PIPEFITTERS LOCAL 537</i>	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:



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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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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Prevailing Wage Rates

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Massachusetts General Laws, Chapter 149, Sections 26 to 27H**

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - IRONWORKER - Local 7 Boston

Effective Date - 04/02/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.79	\$7.70	18.35	\$0.00	\$48.84
2	70	\$26.59	\$7.70	18.35	\$0.00	\$52.64
3	75	\$28.49	\$7.70	18.35	\$0.00	\$54.54
4	80	\$30.39	\$7.70	18.35	\$0.00	\$56.44
5	85	\$32.29	\$7.70	18.35	\$0.00	\$58.34
6	90	\$34.19	\$7.70	18.35	\$0.00	\$60.24

Effective Date - 09/16/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$23.39	\$7.70	18.35	\$0.00	\$49.44
2	70	\$27.29	\$7.70	18.35	\$0.00	\$53.34
3	75	\$29.24	\$7.70	18.35	\$0.00	\$55.29
4	80	\$31.19	\$7.70	18.35	\$0.00	\$57.24
5	85	\$33.14	\$7.70	18.35	\$0.00	\$59.19
6	90	\$35.09	\$7.70	18.35	\$0.00	\$61.14

Notes:

** Structural 1:6; Ornamental 1:4

Apprentice to Journeyworker Ratio:**

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Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
JACKHAMMER & PAVING BREAKER OPERATOR <i>LABORERS - ZONE I</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 <i>LABORERS - ZONE I</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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - LABORER - Zone 1						
Effective Date - 06/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.08	\$7.10	12.45	\$0.00	\$38.63
2	70	\$22.26	\$7.10	12.45	\$0.00	\$41.81
3	80	\$25.44	\$7.10	12.45	\$0.00	\$44.99
4	90	\$28.62	\$7.10	12.45	\$0.00	\$48.17
Effective Date - 12/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$19.38	\$7.10	12.45	\$0.00	\$38.93
2	70	\$22.61	\$7.10	12.45	\$0.00	\$42.16
3	80	\$25.84	\$7.10	12.45	\$0.00	\$45.39
4	90	\$29.07	\$7.10	12.45	\$0.00	\$48.62
Notes:						
Apprentice to Journeyworker Ratio:1:5						

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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
LABORER: CARPENTER TENDER <i>LABORERS - ZONE I</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
LABORER: CEMENT FINISHER TENDER <i>LABORERS - ZONE I</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
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER <i>LABORERS - ZONE I</i>	12/01/2011	\$31.80	\$7.10	\$12.45	0.00	\$51.35

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Prevailing Wage Rates

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Awarding Authority: City of Somerville

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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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
LABORER: MULTI-TRADE TENDER <i>LABORERS - ZONE 1</i>	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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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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
	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
	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
MARBLE & TILE FINISHERS <i>BRICKLAYERS LOCAL 3 - MARBLE & TILE</i>	03/01/2012	\$35.52	\$10.18	\$16.04	0.00	\$61.74

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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.76	\$10.18	16.04	\$0.00	\$43.98
2	60	\$21.31	\$10.18	16.04	\$0.00	\$47.53
3	70	\$24.86	\$10.18	16.04	\$0.00	\$51.08
4	80	\$28.42	\$10.18	16.04	\$0.00	\$54.64
5	90	\$31.97	\$10.18	16.04	\$0.00	\$58.19

Notes:

Steps are 800 hrs.

Apprentice to Journeyworker Ratio:1:3

MARBLE MASONS, TILELAYERS & TERRAZZO MECH BRICKLAYERS LOCAL 3 - MARBLE & TILE	03/01/2012	\$46.60	\$10.18	\$17.25	0.00	\$74.03
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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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 - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$23.30	\$10.18	17.25	\$0.00	\$50.73
2	60	\$27.96	\$10.18	17.25	\$0.00	\$55.39
3	70	\$32.62	\$10.18	17.25	\$0.00	\$60.05
4	80	\$37.28	\$10.18	17.25	\$0.00	\$64.71
5	90	\$41.94	\$10.18	17.25	\$0.00	\$69.37

Notes:

Apprentice to Journeyworker Ratio:1:3

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
MECHANICS MAINTENANCE	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
MILLWRIGHT (Zone 1)	04/01/2011	\$33.57	\$8.67	\$15.61	0.00	\$57.85
MILLWRIGHTS LOCAL 1121 - Zone 1						

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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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

MORTAR MIXER	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
LABORERS - ZONE 1	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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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 1</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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PAINTER (SPRAY OR SANDBLAST, NEW) *	07/01/2012	\$41.20	\$7.80	\$15.10	0.00	\$64.10
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. <i>PAINTERS LOCAL 35 - ZONE 1</i>	01/01/2013	\$41.70	\$7.80	\$15.60	0.00	\$65.10

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As determined by the Director under the provisions of the
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JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 1 - Spray/Sandblast - New

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.60	\$7.80	0.00	\$0.00	\$28.40
2	55	\$22.66	\$7.80	3.38	\$0.00	\$33.84
3	60	\$24.72	\$7.80	3.69	\$0.00	\$36.21
4	65	\$26.78	\$7.80	4.00	\$0.00	\$38.58
5	70	\$28.84	\$7.80	13.26	\$0.00	\$49.90
6	75	\$30.90	\$7.80	13.56	\$0.00	\$52.26
7	80	\$32.96	\$7.80	13.87	\$0.00	\$54.63
8	90	\$37.08	\$7.80	14.49	\$0.00	\$59.37

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.85	\$7.80	0.00	\$0.00	\$28.65
2	55	\$22.94	\$7.80	3.52	\$0.00	\$34.26
3	60	\$25.02	\$7.80	3.84	\$0.00	\$36.66
4	65	\$27.11	\$7.80	4.16	\$0.00	\$39.07
5	70	\$29.19	\$7.80	13.68	\$0.00	\$50.67
6	75	\$31.28	\$7.80	14.00	\$0.00	\$53.08
7	80	\$33.36	\$7.80	14.32	\$0.00	\$55.48
8	90	\$37.53	\$7.80	14.96	\$0.00	\$60.29

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: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PAINTER (SPRAY OR SANDBLAST, REPAINT)	07/01/2012	\$39.26	\$7.80	\$15.10	0.00	\$62.16
PAINTERS LOCAL 35 - ZONE 1	01/01/2013	\$39.76	\$7.80	\$15.60	0.00	\$63.16

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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 1 - Spray/Sandblast - Repaint

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.63	\$7.80	0.00	\$0.00	\$27.43
2	55	\$21.59	\$7.80	3.38	\$0.00	\$32.77
3	60	\$23.56	\$7.80	3.69	\$0.00	\$35.05
4	65	\$25.52	\$7.80	4.00	\$0.00	\$37.32
5	70	\$27.48	\$7.80	13.26	\$0.00	\$48.54
6	75	\$29.45	\$7.80	13.56	\$0.00	\$50.81
7	80	\$31.41	\$7.80	13.87	\$0.00	\$53.08
8	90	\$35.33	\$7.80	14.49	\$0.00	\$57.62

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.88	\$7.80	0.00	\$0.00	\$27.68
2	55	\$21.87	\$7.80	3.52	\$0.00	\$33.19
3	60	\$23.86	\$7.80	3.84	\$0.00	\$35.50
4	65	\$25.84	\$7.80	4.16	\$0.00	\$37.80
5	70	\$27.83	\$7.80	13.68	\$0.00	\$49.31
6	75	\$29.82	\$7.80	14.00	\$0.00	\$51.62
7	80	\$31.81	\$7.80	14.32	\$0.00	\$53.93
8	90	\$35.78	\$7.80	14.96	\$0.00	\$58.54

Notes:

Apprentice to Journeyworker Ratio:1:1

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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: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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	\$39.80	\$7.80	\$15.10	0.00	\$62.70
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used. <i>PAINTERS LOCAL 35 - ZONE 1</i>	01/01/2013	\$40.30	\$7.80	\$15.60	0.00	\$63.70

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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER - Local 35 Zone 1 - BRUSH NEW

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.90	\$7.80	0.00	\$0.00	\$27.70
2	55	\$21.89	\$7.80	3.38	\$0.00	\$33.07
3	60	\$23.88	\$7.80	3.69	\$0.00	\$35.37
4	65	\$25.87	\$7.80	4.00	\$0.00	\$37.67
5	70	\$27.86	\$7.80	13.26	\$0.00	\$48.92
6	75	\$29.85	\$7.80	13.49	\$0.00	\$51.14
7	80	\$31.84	\$7.80	13.87	\$0.00	\$53.51
8	90	\$35.82	\$7.80	14.49	\$0.00	\$58.11

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$20.15	\$7.80	0.00	\$0.00	\$27.95
2	55	\$22.17	\$7.80	3.52	\$0.00	\$33.49
3	60	\$24.18	\$7.80	3.84	\$0.00	\$35.82
4	65	\$26.20	\$7.80	4.16	\$0.00	\$38.16
5	70	\$28.21	\$7.80	13.68	\$0.00	\$49.69
6	75	\$30.23	\$7.80	14.00	\$0.00	\$52.03
7	80	\$32.24	\$7.80	14.32	\$0.00	\$54.36
8	90	\$36.27	\$7.80	14.96	\$0.00	\$59.03

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

Awarding Authority: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PAINTER / TAPER (BRUSH, REPAINT)	07/01/2012	\$37.86	\$7.80	\$15.10	0.00	\$60.76
PAINTERS LOCAL 35 - ZONE 1	01/01/2013	\$38.36	\$7.80	\$15.60	0.00	\$61.76

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Prevailing Wage Rates

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Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - PAINTER Local 35 Zone 1 - BRUSH REPAINT

Effective Date - 07/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.93	\$7.80	0.00	\$0.00	\$26.73
2	55	\$20.82	\$7.80	3.38	\$0.00	\$32.00
3	60	\$22.72	\$7.80	3.69	\$0.00	\$34.21
4	65	\$24.61	\$7.80	4.00	\$0.00	\$36.41
5	70	\$26.50	\$7.80	13.26	\$0.00	\$47.56
6	75	\$28.40	\$7.80	13.56	\$0.00	\$49.76
7	80	\$30.29	\$7.80	13.87	\$0.00	\$51.96
8	90	\$34.07	\$7.80	14.49	\$0.00	\$56.36

Effective Date - 01/01/2013

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$19.18	\$7.80	0.00	\$0.00	\$26.98
2	55	\$21.10	\$7.80	3.52	\$0.00	\$32.42
3	60	\$23.02	\$7.80	3.84	\$0.00	\$34.66
4	65	\$24.93	\$7.80	4.16	\$0.00	\$36.89
5	70	\$26.85	\$7.80	13.68	\$0.00	\$48.33
6	75	\$28.77	\$7.80	14.00	\$0.00	\$50.57
7	80	\$30.69	\$7.80	14.32	\$0.00	\$52.81
8	90	\$34.52	\$7.80	14.96	\$0.00	\$57.28

Notes:

Steps are 750 hrs.

Apprentice to Journeyworker Ratio:1:1

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
PANEL & PICKUP TRUCKS DRIVER <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	06/01/2012	\$31.08	\$8.56	\$7.27	0.00	\$46.91
	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>	08/01/2011	\$38.30	\$9.80	\$17.12	0.00	\$65.22
PILE DRIVER <i>PILE DRIVER LOCAL 56 (ZONE 1)</i>	08/01/2011	\$38.30	\$9.80	\$17.12	0.00	\$65.22

Apprentice - PILE DRIVER - Local 56 Zone 1

Effective Date - 08/01/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$22.98	\$8.08	17.12	\$0.00	\$48.18
2	65	\$24.90	\$8.08	17.12	\$0.00	\$50.10
3	70	\$26.81	\$8.08	17.12	\$0.00	\$52.01
4	75	\$28.73	\$8.08	17.12	\$0.00	\$53.93
5	80	\$30.64	\$8.08	17.12	\$0.00	\$55.84
6	85	\$32.56	\$8.08	17.12	\$0.00	\$57.76
7	90	\$34.47	\$8.08	17.12	\$0.00	\$59.67
8	95	\$36.39	\$8.08	17.12	\$0.00	\$61.59

Notes:

Apprentice to Journeyworker Ratio:1:3

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

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

Awarding Authority: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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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Prevailing Wage Rates

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Massachusetts General Laws, Chapter 149, Sections 26 to 27H

JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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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HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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 25a</i>	05/01/2011	\$29.99	\$7.75	\$5.91	0.00	\$43.65
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 1 (Residential Wood)</i>	04/01/2011	\$37.25	\$8.67	\$15.51	0.00	\$61.43
RESIDENTIAL WOOD FRAME CARPENTER **	05/01/2011	\$27.49	\$6.34	\$6.23	0.00	\$40.06

** 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. *CARPENTERS -ZONE 1 (Residential Wood)*

As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.

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Prevailing Wage Rates

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JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - CARPENTER (Residential Wood Frame) - Zone 1

Effective Date - 05/01/2011

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	60	\$16.49	\$6.34	0.00	\$0.00	\$22.83
2	60	\$16.49	\$6.34	6.23	\$0.00	\$29.06
3	65	\$17.87	\$6.34	6.23	\$0.00	\$30.44
4	70	\$19.24	\$6.34	6.23	\$0.00	\$31.81
5	75	\$20.62	\$6.34	6.23	\$0.00	\$33.19
6	80	\$21.99	\$6.34	6.23	\$0.00	\$34.56
7	85	\$23.37	\$6.34	6.23	\$0.00	\$35.94
8	90	\$24.74	\$6.34	6.23	\$0.00	\$37.31

Notes:

Apprentice to Journeyworker Ratio:1:5

RIDE-ON MOTORIZED BUGGY OPERATOR	06/01/2012	\$32.05	\$7.10	\$12.45	0.00	\$51.60
LABORERS - ZONE 1	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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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: City of Somerville

Contract Number:

City/Town: SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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>	02/01/2012	\$35.56	\$10.50	\$10.70	0.00	\$56.76
	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

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Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - ROOFER - Local 33

Effective Date - 02/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.78	\$10.50	3.38	\$0.00	\$31.66
2	60	\$21.34	\$10.50	10.70	\$0.00	\$42.54
3	65	\$23.11	\$10.50	10.70	\$0.00	\$44.31
4	75	\$26.67	\$10.50	10.70	\$0.00	\$47.87
5	85	\$30.23	\$10.50	10.70	\$0.00	\$51.43

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

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:**

ROOFER SLATE / TILE / PRECAST CONCRETE	02/01/2012	\$35.81	\$10.50	\$10.70	0.00	\$57.01
ROOFERS LOCAL 33	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

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Prevailing Wage Rates

**As determined by the Director under the provisions of the
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Secretary
HEATHER E. ROWE
Director

Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - ROOFER (Slate/Tile/Precast Concrete) - Local 33

Effective Date - 02/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$17.91	\$10.50	3.38	\$0.00	\$31.79
2	60	\$21.49	\$10.50	10.70	\$0.00	\$42.69
3	65	\$23.28	\$10.50	10.70	\$0.00	\$44.48
4	75	\$26.86	\$10.50	10.70	\$0.00	\$48.06
5	85	\$30.44	\$10.50	10.70	\$0.00	\$51.64

Effective Date - 08/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$18.33	\$10.50	3.38	\$0.00	\$32.21
2	60	\$22.00	\$10.50	10.70	\$0.00	\$43.20
3	65	\$23.83	\$10.50	10.70	\$0.00	\$45.03
4	75	\$27.50	\$10.50	10.70	\$0.00	\$48.70
5	85	\$31.16	\$10.50	10.70	\$0.00	\$52.36

Notes:

Apprentice to Journeyworker Ratio:**

SHEETMETAL WORKER	02/01/2012	\$40.79	\$9.82	\$17.34	2.04	\$69.99
SHEETMETAL WORKERS LOCAL 17 - A	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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JOANNE F. GOLDSTEIN
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HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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Apprentice - SHEET METAL WORKER - Local 17-A

Effective Date - 02/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	40	\$16.32	\$9.82	3.74	\$0.00	\$29.88
2	40	\$16.32	\$9.82	3.74	\$0.00	\$29.88
3	45	\$18.36	\$9.82	7.45	\$1.07	\$36.70
4	45	\$18.36	\$9.82	7.45	\$1.07	\$36.70
5	50	\$20.40	\$9.82	8.17	\$1.15	\$39.54
6	50	\$20.40	\$9.82	8.42	\$1.16	\$39.80
7	60	\$24.47	\$9.82	9.60	\$1.32	\$45.21
8	65	\$26.51	\$9.82	10.32	\$1.40	\$48.05
9	75	\$30.59	\$9.82	11.76	\$1.57	\$53.74
10	85	\$34.67	\$9.82	12.69	\$1.72	\$58.90

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

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HEATHER E. ROWE
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

SIGN ERECTOR	06/01/2009	\$24.81	\$7.07	\$5.90	0.00	\$37.78
PAINTERS LOCAL 35 - ZONE 1						

Apprentice - SIGN ERECTOR - Local 35 Zone 1

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	06/01/2012	\$31.54	\$8.56	\$7.27	0.00	\$47.37
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

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Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
SPECIALIZED EARTH MOVING EQUIP > 35 TONS <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	06/01/2012	\$31.83	\$8.56	\$7.27	0.00	\$47.66
	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
SPRINKLER FITTER <i>SPRINKLER FITTERS LOCAL 550 - (Section A)</i>	03/01/2012	\$51.58	\$8.42	\$11.60	0.00	\$71.60
	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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Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Apprentice - SPRINKLER FITTER - Local 550						
Effective Date - 03/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$18.05	\$8.42	7.85	\$0.00	\$34.32
2	40	\$20.63	\$8.42	7.85	\$0.00	\$36.90
3	45	\$23.21	\$8.42	7.85	\$0.00	\$39.48
4	50	\$25.79	\$8.42	7.85	\$0.00	\$42.06
5	55	\$28.37	\$8.42	7.85	\$0.00	\$44.64
6	60	\$30.95	\$8.42	7.85	\$0.00	\$47.22
7	65	\$33.53	\$8.42	7.85	\$0.00	\$49.80
8	70	\$36.11	\$8.42	7.85	\$0.00	\$52.38
9	75	\$38.69	\$8.42	7.85	\$0.00	\$54.96
10	80	\$41.26	\$8.42	7.85	\$0.00	\$57.53
Effective Date - 09/01/2012						
Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	35	\$18.40	\$8.42	7.85	\$0.00	\$34.67
2	40	\$21.03	\$8.42	7.85	\$0.00	\$37.30
3	45	\$23.66	\$8.42	7.85	\$0.00	\$39.93
4	50	\$26.29	\$8.42	7.85	\$0.00	\$42.56
5	55	\$28.92	\$8.42	7.85	\$0.00	\$45.19
6	60	\$31.55	\$8.42	7.85	\$0.00	\$47.82
7	65	\$34.18	\$8.42	7.85	\$0.00	\$50.45
8	70	\$36.81	\$8.42	7.85	\$0.00	\$53.08
9	75	\$39.44	\$8.42	7.85	\$0.00	\$55.71
10	80	\$42.06	\$8.42	7.85	\$0.00	\$58.33

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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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	\$32.29	\$13.00	\$12.25	0.00	\$57.54
	03/01/2013	\$32.83	\$13.00	\$12.26	0.00	\$58.09
	09/01/2013	\$33.34	\$13.00	\$12.28	0.00	\$58.62
	03/01/2014	\$33.88	\$13.00	\$12.30	0.00	\$59.18
	09/01/2014	\$34.38	\$13.00	\$12.31	0.00	\$59.69
	03/01/2015	\$34.91	\$13.00	\$12.33	0.00	\$60.24
	09/01/2015	\$35.63	\$13.00	\$12.35	0.00	\$60.98
	03/01/2016	\$36.35	\$13.00	\$12.37	0.00	\$61.72

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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	\$12.92	\$13.00	9.28	\$0.00	\$35.20
2	40	\$12.92	\$13.00	9.28	\$0.00	\$35.20
3	45	\$14.53	\$13.00	9.53	\$0.00	\$37.06
4	45	\$14.53	\$13.00	9.53	\$0.00	\$37.06
5	50	\$16.15	\$13.00	9.77	\$0.00	\$38.92
6	55	\$17.76	\$13.00	10.02	\$0.00	\$40.78
7	60	\$19.37	\$13.00	10.27	\$0.00	\$42.64
8	65	\$20.99	\$13.00	10.52	\$0.00	\$44.51
9	70	\$22.60	\$13.00	10.77	\$0.00	\$46.37
10	75	\$24.22	\$13.00	11.02	\$0.00	\$48.24

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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: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
Notes: <hr/> Apprentice to Journeyworker Ratio:1:1						
TERRAZZO FINISHERS BRICKLAYERS LOCAL 3 - MARBLE & TILE	03/01/2012	\$45.50	\$10.18	\$17.25	0.00	\$72.93

Apprentice - TERRAZZO FINISHER - Local 3 Marble & Tile

Effective Date - 03/01/2012

Step	percent	Apprentice Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
1	50	\$22.75	\$10.18	17.25	\$0.00	\$50.18
2	60	\$27.30	\$10.18	17.25	\$0.00	\$54.73
3	70	\$31.85	\$10.18	17.25	\$0.00	\$59.28
4	80	\$36.40	\$10.18	17.25	\$0.00	\$63.83
5	90	\$40.95	\$10.18	17.25	\$0.00	\$68.38

Notes: Steps are 800 hrs.						
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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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Job Location: 290 Washington Street, Somerville, MA

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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Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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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 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
TRAILERS FOR EARTH MOVING EQUIPMENT TEAMSTERS JOINT COUNCIL NO. 10 ZONE A	06/01/2012	\$32.12	\$8.56	\$7.27	0.00	\$47.95
	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 LABORERS (COMPRESSED AIR)	12/01/2011	\$44.08	\$7.10	\$13.00	0.00	\$64.18
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS (COMPRESSED AIR)	12/01/2011	\$46.08	\$7.10	\$13.00	0.00	\$66.18
TUNNEL WORK - FREE AIR LABORERS (FREE AIR TUNNEL)	12/01/2011	\$36.15	\$7.10	\$13.00	0.00	\$56.25
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS (FREE AIR TUNNEL)	12/01/2011	\$38.15	\$7.10	\$13.00	0.00	\$58.25

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Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
VAC-HAUL <i>TEAMSTERS JOINT COUNCIL NO. 10 ZONE A</i>	06/01/2012	\$31.54	\$8.56	\$7.27	0.00	\$47.37
	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
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

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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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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

Classification	Effective Date	Base Wage	Health	Pension	Supplemental Unemployment	Total Rate
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
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
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Awarding Authority: City of Somerville

Contract Number: **City/Town:** SOMERVILLE

Description of Work: RFP 13-16 School Building PV System Works; Construct, fully functional photovoltaic (PV) system, incl. design documents, specifications, conduit, wire, connectors, hardware, tools, crane, labor, etc..

Job Location: 290 Washington Street, Somerville, MA

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

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.

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:

WEEKLY PAYROLL RECORDS REPORT & STATEMENT OF COMPLIANCE

In accordance with Massachusetts General Law c. 149, §27B, a true and accurate record must be kept of all persons employed on the public works project for which the enclosed rates have been provided. A Payroll Form has been printed on the reverse of this page and includes all the information required to be kept by law. Every contractor or subcontractor is required to keep these records and preserve them for a period of three years from the date of completion of the contract.

In addition, every contractor and subcontractor is required to submit a copy of their weekly payroll records to the awarding authority. For every week in which an apprentice is employed, a photocopy of the apprentice's identification card must be attached to the payroll report. Once collected, the awarding authority is also required to preserve those records for three years.

In addition, each such contractor, subcontractor, or public body shall furnish to the awarding authority directly, within fifteen days after completion of its portion of the work a statement, executed by the contractor, subcontractor or public body who supervises the payment of wages, in the following form:

STATEMENT OF COMPLIANCE

_____, 20_____

I, _____,
(Name of signatory party) (Title)

do hereby state:

That I pay or supervise the payment of the persons employed by
_____ on the _____

(Contractor, subcontractor or public body)

(Building or project)

and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty nine of the General Laws.

Signature _____

Title _____

MASSACHUSETTS WEEKLY CERTIFIED PAYROLL REPORT FORM



Company's Name:		Address:		Phone No.:		Payroll No.:																
Employer's Signature:		Title:		Contract No.:		Tax Payer ID No.																
Awarding Authority's Name:		Public Works Project Name:		Public Works Project Location:		Min. Wage Rate Sheet No.																
General / Prime Contractor's Name:		Subcontractor's Name:		"Employer" Hourly Fringe Benefit Contributions																		
Employee Name & Complete Address	Employee is OSHA 10 Certified (?)	Work Classification	Appr. Rate (%)	Worked							Hours		Project Hours (A)	Hourly Base Wage (B)	Health & Welfare Insurance (C)	ERISA Pension Plan (D)	Supp. Unemp. (E)	Total Hourly Prev. Wage (F)	(A x F)		Check No. (H)	
				Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	All Other Hours	Total Gross Wages (G)							Project Gross Wages			
	<input type="checkbox"/>																					
	<input type="checkbox"/>																					
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NOTE: Pursuant to MGL Ch. 149 s.27B, every contractor and subcontractor is required to submit a "true and accurate" copy of their weekly payroll records directly to the awarding authority. Failure to comply may result in the commencement of a criminal action or the issuance of a civil citation.

APPENDIX D
CITY OF SOMERVILLE LIVING WAGE INFORMATION AND CERTIFICATION

Bidders must sign compliance statement. Successful bidder will be required to certify payment of the Somerville Living Wage to all employees and contractors working on this project in the City of Somerville.

CITY OF SOMERVILLE
LIVING WAGE ORDINANCE # 1999-1

TO: ALL VENDORS

FROM: PURCHASING DEPARTMENT
CITY OF SOMERVILLE

ENCLOSED IS A SUMMARY OF ORDINANCE # 1999-1 "THE LIVING WAGE" PASSED BY THE BOARD OF ALDERMEN IN THE CITY OF SOMERVILLE.

PLEASE READ VERY CAREFULLY. YOUR SIGNATURE IS REQUIRED ON THE COMPLIANCE FORM INCLUDED.

PLEASE POST

**NOTICE TO ALL EMPLOYEES
REGARDING
PAYMENT OF LIVING WAGE**

Under the Somerville, Massachusetts' Living Wage Ordinance (Ordinance No. 1999-1), any person or entity who has entered into a contract with the City of Somerville is required to pay its employees who are involved in providing services to the City of Somerville no less than a "Living Wage". The Living Wage as of July 1, 2012 is \$11.71 per hour. The only employees who are not covered by the Living Wage Ordinance are individuals in a Youth Program. "Youth Program" as defined in the Ordinance, "means any city, state or federally funded program which employs youth, as defined by city, state or federal guidelines, during the summer, or as part of a school to work program, or in any other related seasonal or part-time program."

For assistance and information regarding the protections and obligations provided for in the Living Wage Ordinance and/or a copy of the Living Wage Ordinance, all employees should contact the City of Somerville's Purchasing Department directly.

SOMERVILLE LIVING WAGE ORDINANCE FORM

(Ordinance No. 1999-1*)

This form shall be included in all Invitations for Bids and Requests for Proposals which involve the furnishing of labor, time or effort (with no end product other than reports) by vendors contracting or subcontracting with the City of Somerville, where the contract price meets or exceeds the following dollar thresholds:

- a) \$50,000 for contracts commencing during the period 7-1-99 to 6-30-01
(Fiscal Years 2000 and 2001);
- b) \$30,000 for contracts commencing during the period 7-1-01 to 6-30-03
(Fiscal Years 2002 and 2003); and
- c) \$10,000 for contracts commencing during the period 7-1-03 and thereafter
(Fiscal Years 2004 and thereafter.);

The purpose of this form is to ensure that such vendors pay a "Living Wage" (defined below) to all covered employees (i.e., all employees except individuals in a city, state or federally funded youth program). In the case of bids, the City will award the contract to the lowest responsive and responsible bidder paying a Living Wage. In the case of RFP's, the City will select the most advantageous proposal from a responsive and responsible offeror paying a Living Wage. In neither case, however, shall the City be under any obligation to select a bid or proposal that exceeds the funds available for the contract.

Definition of "Living Wage" For this contract or subcontract, as of 07-01-2012 "Living Wage" shall be deemed to be an hourly wage of no less than \$11.71/hour. From time to time, the Living Wage may be upwardly adjusted and amendments, if any, to the contract or subcontract may require the payment of a higher hourly rate if a higher rate is then in effect.

If the undersigned bidder or offeror is selected, this form will be attached to the contract or subcontract and the certifications made herein shall be incorporated as part of such contract or subcontract.

CERTIFICATIONS

- 1. The undersigned shall pay no less than the Living Wage to all covered employees who directly expend their time on the contract or subcontract with the City of Somerville.
- 2. The undersigned shall post a notice, (copy enclosed), to be furnished by the contracting City Department, informing covered employees of the protections and obligations provided for in the Somerville Living Wage Ordinance, and that for assistance and information, including copies of the Ordinance,

* Copies of the Ordinance are available upon request to the Purchasing Department.

employees should contact the contracting City Department. Such notice shall be posted in each location where services are performed by covered employees, in a conspicuous place where notices to employees are customarily posted.

3. The undersigned shall maintain payrolls for all covered employees and basic records relating hereto and shall preserve them for a period of three years. The records shall contain the name and address of each employee, the number of hours worked, the gross wages, a copy of the social security returns, and evidence of payment thereof and such other data as may be required by the contracting City Department from time to time.
4. The undersigned shall submit payroll records to the City upon request and, if the City receives information of possible noncompliance with the provisions the Somerville Living Wage Ordinance, the undersigned shall permit City representatives to observe work being performed at the work site, to interview employees, and to examine the books and records relating to the payrolls being investigated to determine payment of wages.
5. The undersigned shall not fund wage increases required by the Somerville Living Wage Ordinance by reducing the health insurance benefits of any of its employees.
6. The undersigned agrees that the penalties and relief set forth in the Somerville Living Wage Ordinance shall be in addition to the rights and remedies set forth in the contract an/or subcontract.

Executed this _____ day of _____, 2012/2013
(circle one)

Name of Vendor

By: _____
Name

Its: _____
Title

Signature

APPENDIX E
MASSCEC MINIMUM TECHNICAL REQUIREMENTS



Green Schools Initiative

Minimum Technical Requirements for Renewable Energy Installations

All projects must demonstrate compliance with the Minimum Technical Requirements set forth in this attachment. These requirements are not intended to be all-encompassing, nor is this attachment intended to be a substitute for engineering specifications or for safety requirements. Site specific conditions and/or local requirements may require additional or specific technical requirements not contained in the following minimum requirements. MTC reserves the right to withhold payment to any projects that do not satisfy the Minimum Technical Requirements.

Minimum Technical Requirements	
Installation General Requirements	<p>The renewable energy project electrical work must be performed by a Massachusetts licensed electrician professional. For more information: http://www.mass.gov/dpl/boards/el/index.htm</p> <p>The renewable energy project must be installed according to the manufacturer's instructions and in compliance with all applicable codes and standards including:</p> <ul style="list-style-type: none">• The provisions of the most recent version of the National Electric Code (NEC) available at time of installation.• All installations must follow the most current version of the Massachusetts Electrical Code. In all cases where manufacturer instructions, third-party guides/handbooks, or other materials contradict the most current edition of any local, state, or federal code, the applicable code shall take precedence over such materials.• Interconnection Agreement. A separate application must be submitted to the electric utility to start the formal interconnection process, and sufficient lead time should be allowed, based on time frames listed in the Interconnection Tariff (see link below). All PV projects must have an appropriate electric utility interconnection agreement in place at the time of interconnection to the utility grid. For more information: www.masstech.org/cleanenergy/howto/interconnection/index.htm• All pertinent permits and inspections must be obtained and copies kept on file as may be required by local codes and/or state law. <p>Additional general installation practices to be followed include that:</p> <ul style="list-style-type: none">• All interconnecting wires must be copper and all wiring connections must be properly made, insulated, and weather-protected.• Areas where wiring passes through ceilings, walls, or other areas of the building must be properly restored, booted, and sealed.• Disconnecting devices must be installed to allow isolation of all PV project components for service and inspection.• Thermal insulation in areas where wiring is installed to be returned to "as found or better"

Minimum Technical Requirements

	<p>condition.</p> <ul style="list-style-type: none"> Warning labels must be posted on the control panels and junction boxes indicating that the circuits are energized by an alternate power source independent of utility-provided power. All installed electrical components must be Underwriters Laboratory (UL) listed and compliant with Institute of Electrical and Electronics Engineers (IEEE) standards, or other nationally-recognized testing laboratory standards (e.g., UL, CSA, ETL, TUV, etc.), unless otherwise noted in this document, and installed in a manner consistent with the relevant listing. Owner's manual of operating and maintenance instructions is provided to the system owner and preferably also posted on or near the system. The owner's manual should include manufacturers specifications, serial numbers, warranty policies, etc. Owners are provided with, at minimum, a basic training orientation that includes maintenance instructions, troubleshooting, meter reading, and electric production reporting instructions. Electrical production estimates are specific to the site and equipment. All work must be completed in a neat and professional manner. MTC recommends, but does not require, that all PV projects installed under the Green Schools Initiative include appropriate surge arresters or other means to protect PV project components from lightning and other surge events. <p>The renewable energy system may not be removed from the site for its useful design life as specified in the Task Order.</p>
Mandatory Commissioning	<p>The renewable energy project must be independently commissioned and a commissioning report must be prepared. Commissioning is the process of ensuring that the renewable energy systems are designed, installed, functionally tested, and capable of being maintained and operated according to the approved design and owner's operational needs. The report must include all commissioning documentation, such as the results of the functional testing and verification that proper training and information on operations and maintenance have been provided.</p>
<i>All Equipment</i>	<p>The equipment and components that comprise the renewable energy project must have the following characteristics:</p> <ul style="list-style-type: none"> New equipment of a design suitable for the proposed installation. All equipment (except for hydroelectric equipment) funded in part or in whole by MTC must be new. Refurbished hydroelectric equipment with warranties comparable to new equipment may be accepted with MTC approval. UL listed and compliant with Institute of Electrical and Electronics Engineers (IEEE) standards Minimum five-year full warranty or comparable service contract coverage to the purchaser against defects, failures, breakdowns, or excessive degradation of electrical output. The warranty shall cover the full cost, including labor, of repair or replacement of defective components or systems. The warranty shall also cover the Automated Reporting system discussed below.
Solar Photovoltaic Specific Requirements	<p>In addition to the general requirements noted above, solar photovoltaic applications must also comply with the following specific requirements:</p> <ul style="list-style-type: none"> All photovoltaic modules must be certified by a nationally-recognized testing laboratory as meeting the requirements of the Underwriters Laboratory (UL) Standard 1703. All inverters must be certified as meeting the requirements of IEEE 929 and UL 1741.

Minimum Technical Requirements

	<ul style="list-style-type: none"> The project must adhere to a minimum design threshold such that the estimated system output for the system based on actual shading, azimuth, and inclination is at least 70% of the default optimal output estimated by PVWATTS. PVWATTS is available at the following website: http://rredc.nrel.gov/solar/codes_algs/PVWATTS/. Solar arrays must be oriented southerly between 90° (due east) and 270° (due west). Reference "Photovoltaic Power Systems and the 2005 National Electrical Code: Suggested Practices": http://www.nmsu.edu/~tdi/Photovoltaics/Codes-Stds/PVnecSugPract.html Exceptions: <ul style="list-style-type: none"> A Data Acquisition System does not need to be UL listed. UL is not required, but is strongly recommended, for PV projects operating at less than 30 volts.
PV Project and Equipment Warranty Requirements	<ul style="list-style-type: none"> Installer Warranty. All PV projects must have a minimum 5-year warranty provided by the installer to protect the purchaser against defective workmanship, PV project or component breakdown (exceptions noted below), or degradation in electrical output of more than fifteen percent from their originally rated electrical output during the warranty period. The warranty must cover the PV project, including PV modules (panels) and inverters, and provide for no-cost repair or replacement of the PV project or system components, including any associated labor during the warranty period. Manufacturer Warranty. All major equipment must meet the following minimum manufacturer warranties: 2 years product and 20 years performance for modules; 10 years for inverters; 2 years for the revenue grade production meters; and 5 years for mounting equipment. Please note that a 5-year product warranty for modules is strongly recommended and will replace the current 2-year requirement for all applications received after December 31, 2008. Exception: Aforementioned warranty requirements do not apply to the components of a Data Acquisition System with exception of the revenue grade meter. However, equivalent warranties, if available, or equivalent service contracts are strongly recommended for such equipment.
Wind Electric Specific Requirements	<p>In addition to the general requirements noted above, wind electric applications must also:</p> <ul style="list-style-type: none"> Comply with National Electric Code provisions for wind tower grounding and over-current protection. Include appropriate lightning protection and surge suppression. Have all inverters certified as meeting the requirements of IEEE 929 and UL 1741.
Meter	<p>Each electricity-producing renewable technology proposed for MTC funding will have a dedicated meter that:</p> <ul style="list-style-type: none"> Is readily accessible and easily understood by the system owner; Records only the system's AC output as measured on the AC side of the system's isolation transformer; in the case of DC only systems the meter should record the system output provided to the facility load; if a storage device is integral to the system, the meter should record the output from the storage device; Shall be separate from the utility billing meter and shall not interfere with utility billing or net-metering; Must be a standard utility "revenue quality" meter that conforms to applicable American National Standards Institute (ANSI) C-12 standards and shall be installed on the output

Minimum Technical Requirements

	<p>side of the renewable system's isolation transformer; and</p> <ul style="list-style-type: none"> • Shall have a visible display of cumulative energy produced by the renewable energy system and be available for periodic testing and/or re-calibration, if necessary. <p>Information about meter requirements can be found at: http://ar.masstech-pts.org/downloads/</p>
Automated Reporting to MTC's Production Tracking System (PTS)	<p>All renewable energy systems supported by GSI must include an automated reporting system which meets the requirements described below and must report to the MTC Production Tracking System (PTS) for a minimum of five years.</p> <p>There are three options for establishing automated reporting to the PTS:</p> <ol style="list-style-type: none"> 1) Vendor-Supplied System: A Data Acquisition System (DAS) that has local PTS-incorporated Automated Reporting features. 2) Vendor-Supplied Service: A DAS with a service that offers remote monitoring that has PTS-incorporated Automated Reporting features. 3) Sample Source Code Integration: A DAS vendor or service provider can customize the software of their system to incorporate this data transfer functionality. <p>Contact your vendor or contact MTC for a list of products that have incorporated automated reporting capabilities.</p> <p>More information about Automated Reporting requirements can be found at: http://ar.masstech-pts.org/downloads/</p>

APPENDIX F
STATEMENT OF MANAGEMENT

STATEMENT OF MANAGEMENT

For Contracts over \$100,000

In accordance with M.G.L. Chapter 30, Section 39R, the undersigned successful bidder states that its system of internal accounting controls and that of its subsidiaries reasonably assure (1) that transactions are executed in accordance with management's general and specific authorization; (2) that transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles, and to maintain accountability for assets; (3) that access to assets is permitted only in accordance with management's general or specific authorization, and (4) that the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action was taken with respect to any difference.

Executed this _____ day of _____, 2012

On behalf of _____
(Name of Successful Bidder)

(Address and telephone of Successful Bidder)

(Name and title of person signing statement)

By: _____
(Signature)

CERTIFIED PUBLIC ACCOUNTANT STATEMENT

In accordance with M.G.L. 30, Section 39R I, _____
a certified public accountant, state that I have examined the above Statement of Management on internal accounting controls, and that in my opinion (1) the representations of management are consistent with the result of management's evaluation of the system of internal accounting controls; and (2) that such representations of management are, in addition, reasonable with respect to transactions and assets in amounts which would be material when measured in relation to the above referenced successful bidder's financial statements.

(Signature)

(Business name, address and telephone number)

APPENDIX G
PRICE PROPOSAL FORM

Installation of solar photovoltaic units on the roof of the Argenziano School.

Price per kilowatt (kW) of photovoltaic units installed _____

Total number of kW of installed capacity, up to a \$150,000 value. _____

The project is grant funded at \$150,000. The price proposal should indicate how large a unit could be installed at that cost.

Company Name: _____

Print Name of Person Submitting Bid: _____

Signature of Person Submitting Bid: _____

Address: _____

Tel #: _____ Fax #: _____

E-Mail: _____ Date: _____