



INVITATION TO BID

CITY OF QUINCY, MASSACHUSETTS
PURCHASING DEPARTMENT
1305 HANCOCK ST., QUINCY, MA 02169

The City of Quincy invites sealed bids/proposals for:

BUILDING MAINTENANCE PARTIAL ROOF REPLACEMENT JUNE 16, 2011 @ 11:00 a.m.
At BROADMEADOWS MIDDLE SCHOOL

Detailed specifications are on file at the office of the Purchasing Agent, Quincy City Hall, 1305 Hancock Street, Quincy, Massachusetts, 02169, between the hours of 8:30 a.m. and 4:30 p.m.

A non-mandatory pre-bid walk thru will be held on June 8, 2011 at 10:00 a.m. at Broad Meadows Middle School, 50 Calvin Road, Quincy, MA 02169

All questions regarding this bid should be directed to Kathryn R. Hobin, Purchasing Agent through fax: 617-376-1074 and email: khobin@quincyma.gov and cc: to ktrillcott@quincyma.gov Questions will be accepted until June 10, 2011 at 4:00 p.m.

Bids/Proposals must be in a sealed envelope. The outside of the sealed envelope is to be clearly marked "**BID ENCLOSED**" with time/date of bid call.

The successful bidder will be required to conform to the payment of Prevailing Wage Rates, as determined by the Commissioner of Labor & Industries under the provision of M.G.L. Chapter 149, Section 26 to 27D as amended.

Firm bid prices will be given first consideration. Bids/Proposals will be received at the office of the Purchasing Agent until the time and date stated above, at which time and date they will be publicly opened and read. Late Bids/Proposals, delivered by mail or in person, will be rejected.

If applicable, bids shall be in accordance with M.G.L. Chapter 30B, Chapter 149 as amended, and Chapter 30, Sections 39A, 39B and 39F-R.

The right is reserved to reject any or all bids or to accept any part of a bid or the one deemed best for the City and waive any informality in the bidding if it is in the best interest of the City to do so.

Thomas P. Koch, MAYOR

Kathryn R. Hobin, PURCHASING AGENT



**CITY OF QUINCY, MASSACHUSETTS
PURCHASING DEPARTMENT
1305 HANCOCK STREET, QUINCY, MA 02169**

DETAILED SPECIFICATIONS AND REQUIREMENTS

ISSUE DATE: JUNE 1, 2011
BID CALL: JUNE 16, 2011 @ 11:00 A.M.
DEPARTMENT: BUILDING MAINTENANCE
ITEM: PARTIAL ROOF REPLACEMENT AT BROAD MEADOWS MIDDLE SCHOOL

1. Certified check or 5% bid bond is required.
2. 100% Payment Bond and 100% Performance Bond is required.
3. The following forms, if contained in the bid documents, must be completed and signed:
 - Certificate of Non-Collusion
 - Tax Compliance Certificate
 - Certification Relating to Debarment and Suspension
 - Signature Authorization Form
 - Proposal Sheet 5 of 5 (Lines 28 – 39)
 - Certification of General/Sub-bidders on Public Construction Projects Regarding Health and Safety and Non-Collusion and Debarment
 - Certification concerning Responsible Employer Ordinance (if contract is over \$100K)
 - Form for General Bid
 - Schedule of Participation Minority and Women Business Enterprise
4. Do not separate any sheets from this bid call.
5. All prices are to include delivery F.O.B. destination unless noted otherwise.
6. Wherever a manufacturer's name or model number is specified, it is to be clearly understood that the words "or approved equal" follow.
7. All vendors must acknowledge in writing receipt of any addenda.
8. The Purchasing Department shall accept questions in writing via facsimile up until 48 hours prior to the opening.

* TO THE EXTENT APPLICABLE THE FOLLOWING SECTIONS OF MASSACHUSETTS GENERAL LAWS ARE INCORPORATED HEREIN BY REFERENCE:

**M.G.L. CHAPTER 30B, CHAPER 30, SECTIONS 39A, 39B AND 39F-R AND
M.G.L. CHAPTER 149, AS AMENDED.**

In the event of any inconsistency between the bid, Information for Bidders, Bid Forms, Conditions or any other Contract Document or potential Contract Document and these statutes; or any other applicable statutes, by-laws or regulations existing on the date on which the bid is submitted, then the statute, by-laws or regulations shall govern. Such inconsistency shall not be grounds for invalidating this invitation to bid.

NOTICE TO BIDDERS

The successful bidder will be required to conform to the payment of Minimum Wage Rates, as determined by the Commissioner of Labor & Industries under the provision of M.G.L., Chap. 149, Sect. 26 to 27D as amended.

LIABILITY, PROPERTY DAMAGE and WORKERS' COMPENSATION coverage is required of the successful bidder before any work can be started.

DATE: _____

SPECS: **PARTIAL ROOF REPLACEMENT AT BROAD MEADOWS MIDDLE SCHOOL**

BIDDER: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____



CITY OF QUINCY, MASSACHUSETTS
PURCHASING DEPARTMENT, CITY HALL

INFORMATION AND INSTRUCTIONS TO BIDDERS

1. I. INVITING BIDS

2. (a) Sealed bids are invited for furnishing to the City of Quincy, Massachusetts, the described materials,
3. commodities or services all in accordance with the specifications and conditions attached hereto and made a part
4. thereof.

5. (b) Form of proposal to be used and copies of specifications and conditions are available at the Purchasing
6. Agent's office, 1305 Hancock Street.

7. (c) All bids must be filed with the Purchasing Agent of the City of Quincy, Massachusetts, at or before the
8. hour of time set forth in the legal and published advertisement, a copy of which is here attached, also at the definite
9. place so stated, and on the forms furnished by the Purchasing Agent. Each bid shall be accompanied by bid bond
10. or a certified check on, or a treasurer's or cashier's check issued by, a responsible bank or trust company, payable
11. to the City of Quincy, Massachusetts. The amount of such cash or check shall be not less than five percent (5%) of
12. the value of the proposed work, as estimated by the awarding authority, but in no event less than one hundred
13. dollars nor more than fifty thousand dollars. This deposit above mentioned shall be as a guarantee that the bidder
14. will enter into the proposed contract, if awarded to him. This requirement shall become effective unless stated to
15. the contrary or deleted under "Detailed Specifications and Requirements." This certified check will be returned
16. after the awarded contracts have been completely signed and proper delivery made, together with any performance
17. bond if required in the bid form.

18. (d) This proposal is genuine and not collusive or made in the interest of or in behalf of any person not
19. herein named, and that the bidder has not directly, or indirectly, induced or solicited any other bidder to put in a
20. sham bid or any other person, firm or corporation to refrain from bidding, and that the bidder has not in any
21. manner sought by collusion to secure for himself an advantage over any other bidder. Any bid made in violation
22. thereof, shall not be considered. This agreement in detail shall be found under paragraph XVIII (18) entitled
23. "Affidavit and/or Agreement."

24. (e) The successful bidder shall, within ten (10) days after the award, enter into a written contract with
25. said City in accordance with the draft of contract furnished by the City Solicitor for furnishing the described
26. materials, commodities or services and execute as a part of said contract, a satisfactory performance bond in the
27. amount of (100%) one hundred percent of the aggregate amount of the contract unless otherwise stated in the
28. "Detailed Specifications and Requirements," and shall be continued for the faithful performance of the contract
29. and executed by the Contractor and a responsible surety company.

30. (f) The right is reserved to reject any and all bids or to accept any bid or to accept any part of a bid or the
31. one deemed best for the City.

32. II. FORM OF PROPOSAL AND SIGNATURE

33. The proposal must be made on this form provided for that purpose, unless otherwise stated, enclosed in a
34. sealed envelope and plainly marked: "Bid Enclosed - Date: and Time of bid opening, (envelope provided,) and
35. addressed to the Purchasing Agent, 1305 Hancock Street, Quincy, Massachusetts. If the bid is made by an
36. individual it must be signed by the full name of the bidder, whose address must be given; if it is made by a firm -
37. (partnership) - it must be signed with the co-partnership name and by a member of the firm, and the name and
38. residential address of each member of the firm must be given. If made by a corporation it must be signed by the
39. proper officer in the corporate name, and the corporate seal must be attached to such signature. A certificate under
40. oath authorizing the proposal or contract signature as legal and binding upon the corporation must be submitted
41. with the proposal, especially before a contract is issued. No telegraphic or telephonic proposal will be considered
42. or accepted.

43. III. PROPOSALS

44. Blank spaces in the proposal must be properly filled in, using ink, indelible pencil or typewriter. Alterations
45. by erasure or interlineation must be explained or noted in the proposal over the signature of the bidder. Unless
46. otherwise stated bids will be received on one or more or all items, and the bidder may name a lump sum conditional
47. on two or more items being awarded to him. Bidders are invited to be present at the opening of proposals. Bidders
48. must specifically quote on units as shown on specification sheet. In case of error in extension of prices, the unit
49. price will govern.

50. IV. QUANTITIES

51. The quantities given are approximate, meaning more or less and are herein given and attached and are a
52. Part of the bid and/or proposal.

1. V. QUOTATION OFFERED:

2. (a) Firm price bids will be given first consideration. The city desires to have the advantage of any general
3. price decrease effective during the life of the contract, Will you, if the successful bidder, so grant?

4. (b) All quotations must be properly and correctly extended against each unit price offered.

5. (c) Every quotation sheet must be labeled at the bottom right hand section with the bidder's firm name, This
6. identification shall not be considered as a signature.

7. (d) Upon signing and offering his or their bid to the City, it shall be considered that he has seen, read and
8. had in his possession a full and complete bid call, all forms and information pertaining thereto.

9. VI. SAMPLES

10. Whenever samples are required, and so stated in specifications, all samples will be received at sender's risk
11. and expense. However, if samples are used by or retained as City Property, other than those considered as gift or
12. free or so stated in proposal, they will be paid for at the quoted unit price as offered in the proposal. Otherwise, all
13. samples will be returned with postage paid by the City. All samples must be properly marked or tagged with
14. complete identification and to also include: (1) firm name, (2) firm address, (3) catalogue number, and (4) quoted
15. price.

16. VII. PRODUCT

17. (a) The product shall meet the requirements and satisfaction of the City of Quincy and the using and/or
18. ordering department, Bidders must state and identify the product offered, such as manufacturer's name, trade
19. name, brand name and quality under each item on which they bid. If brand names are not given under each item, it
20. shall be considered "NO BID." WE MUST KNOW WHAT HAS BEEN OFFERED.

21. (b) Unless otherwise stated in writing under "Detailed Specifications" all products, material,
22. commodities, supplies or articles herein called for must be brand new, unused and the latest product manufactured
23. in the current year of any name and nature, whenever offered. Used or rebuilt or shopworn materials will not be
24. acceptable, unless otherwise stated in writing by the City.

25. VIII. BRAND NAMES

26. Wherever brand names are given or their particular specifications are mentioned or referred to, it is not the
27. City's intent to limit competition, but merely to indicate to the bidder the general type of commodity to be supplied.
28. The City invites bids on comparable commodities in all cases. All specifications and its basis are: "Or Equal."

29. IX. TERMS

30. The cash discount period shall not be less than twenty (20) days. All prices quoted or offered shall be net
31. and delivered F.O.B. using or ordering department. The cash discount will not be considered for a deciding factor
32. when determining the low bidder.

33. X. DELIVERY

34. All deliveries shall be as required and requested according to the using and/or ordering department. All
35. goods must be delivered in first class condition, if otherwise, they are subject to rejection. All deliveries shall con-
36. form in every respect with all laws applicable to the Federal Government and/or the Commonwealth of
37. Massachusetts and/or the City of Quincy.

38. The contractor shall be responsible for the delivery of the full net weight or count at the point of delivery for
39. which payment is made. Check weighing may be made by the City or any authorized representative at the point of
40. delivery or at any other point the City may elect. All original sworn certificates of weights at origin shall be attached
41. to the contractor's certificate of weight at time and place of delivery. The same shall be surrendered to the City of
42. Quincy.

43. Should the successful bidder fail to make delivery within a reasonable time after receipt of order, the City
44. Reserves the right to make the purchase on such orders at the open market and charge any excess over contract price
45. to the account of the successful bidder, who shall pay the same.

46. XI. TAXES

47. A tax exemption certificate will be issued in lieu of any refundable tax. It is desired that all prices be
48. quoted, exclusive of any tax applicable to this transaction. Such tax or taxes should be itemized and shown as a
49. separate rare item, preferably in dollars and cents, in both the proposal and on the invoices covering deliveries on a
50. contract. If the tax is applicable to this transaction, and is not definitely shown in the bidder's quotation, then such
51. quotation will be considered to be exclusive of such tax.

1. XII. INVOICING

2. Every commodity invoiced must be identified with the item number opposite such commodity shown and
3. Given on our bid form. All unit prices must be shown against each commodity invoiced; if not, invoice will be
4. returned for such information. This information will expedite the payment of all invoices. Invoices which do not
5. carry a cash discount period shall be rendered once a month. All invoices shall be rendered in triplicate to the
6. Purchasing Department, 1305 Hancock Street, Quincy, Massachusetts 02169.

7. XIII. PAYMENTS

8. Complete or partial payment on the contract will be made in approximately thirty days from date of
9. delivery or completion and acceptance, unless otherwise provided for in bidder's proposal or under "Detailed
10. Specifications."

11. XIV. FORCE MAJEURE CLAUSE

12. (a) The contractor will be excused from the performance of the contract in whole or in part, only by reason
13. of the following causes:

14. 1. When such performance is prevented by operation of law.
15. 2. When such performance is prevented by an irresistible super human cause.
16. 3. When such performance is prevented by an act of the public enemies of the Commonwealth of
17. Massachusetts, or of the United States of America, or by strike, mob violence, fire, delay in transportation beyond
18. the control of the contractor, or unavoidable casualty.
19. 4. When such performance is prevented by the inability of the contractor to secure necessary materials,
20. supplies or equipment by reason of:

21. (a) Appropriation or use thereof by the Federal Government; or

22. (b) Regulations imposed by the Federal Government.

23. (b) No other Force Majeure Clause or conditions may pertain to or become a part of this bid; and any
24. changes in the conditions stated herein will cause the bid to be rejected.

25. XV. ERRORS AND OMISSIONS

26. The contractor shall not be allowed to take advantage of any errors and/or omissions in these specifications
27. or in the contractor's specifications submitted with his proposal. Full instructions will always be given when such
28. errors or omissions are discovered.

29. XVI. PATENT RIGHTS

30. The contractor agrees to save, keep, bear harmless and fully indemnify the City and any of its officers or
31. agents from all damages, costs, or expenses in law or equity that may at any time arise or to be set up for any
32. infringement of the patent rights of any person or persons in consequence of the use of the City, or by any of its
33. officers or agents, of articles supplied under this contract, and of which the contractor is not the patentee or
34. assignee, or which the contractor is not lawfully entitled to sell.

35. XVII. DEFINITIONS

36. The following meanings are attached to the defined words when used in these specifications and the
37. contract:

38. (a) The word "City" means The City of Quincy, Massachusetts.

39. (b) The word "Bidder" means the person, firm or corporation submitting a bid on these specifications or
40. any part thereof.

41. (c) The word "Contractor" means the person, firm or corporation with whom the contract is made by
42. carrying out the provisions of these specifications and the contract.

43. (d) The words "Firm Price" shall mean a guarantee against price increase.

44. (e) Additional definitions may appear hereinafter under "Detailed Specifications."

45. XVIII. AFFIDAVIT and/or AGREEMENT

46. In all instances, the Affidavit terms and agreement contained herein shall become a part of the bid, and/or
47. proposal and/or contract in fact and without any reservation or secret evasion whatsoever.

48. The bidder named in the proposal and who has signed the same and who submits herewith to THE CITY
49. OF QUINCY, MASSACHUSETTS, the attached proposal states and agrees:

50. That he, she or they is (are) the person(s) whose name(s) is (are) signed to there hereto attached proposal; that
51. said proposal is genuine; that the same is not sham or collusive; that all statements of fact therein are true; that
52. such proposal was not made in the interest of behalf of any person, partnership, company, association, organization
53. or corporation not therein named or disclosed.

1. Affiant further deposes and says: That the bidder has not directly or indirectly by agreement,
2. communication or conference with anyone attempted to induce action prejudicial to the interest of the public body
3. which is to award the contract, or of any other bidder, or anyone else interested in the proposed contract; that the
4. bidder has not in any manner sought by collusion to secure for himself, itself, themselves, an advantage over any
5. other bidder.

6. Affiant further deposes and says that prior to the public opening and reading of bids the said bidder:

7. (a) did not, directly or indirectly, induce or solicit anyone else to submit a false or sham bid;

8. (b) did not, directly or indirectly, collude, conspire, connive or agree with anyone else that said bidder or
9. anyone else would submit a false or sham bid, or that anyone should refrain from bidding or withdraw his bid;

10. (c) did not, in any manner, directly or indirectly, seek by agreement, communication or conference with
11. anyone to raise or fix the bid price of said bidder or of anyone else, or to raise or fix any overhead, profit or cost
12. element of his, its, their price or that of anyone else;

13. (d) did not, directly or indirectly, submit his, its, their bid price or any breakdown thereof, or the
14. contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company,
15. association, organization, bid, depository, or to any member or agent thereof, or to any individual or group of
16. individuals, except to the awarding authority or to any person or persons who have a partnership or other financial
17. interest with said bidder in his, its, their business.

18. Bidder shall strike out words not appropriate to his bid and initial same.

19. XIX. INSURANCE

20. An approved and satisfactory bona fide certificate of insurance in effect, to protect the insured, the con-
21. tractor and the City of Quincy resulting from this agreement, must be submitted to the City of Quincy through the
22. Purchasing Agent before any work of any name or nature can be started. This insurance must cover workmen's
23. compensation, public liability and property damage. The certificate of insurance must clearly state thereon that it
24. is a Certificate of Insurance, name of the insured and his or their address, kind of policies in effect, number of the
25. policy in effect for identification purposes, expiration date of said policy, limits of liability expressed in dollar value
26. for one person, for one accident, also the aggregate for each person and each accident, description of operations or
27. work covered and in what State or Commonwealth. There must also be a statement under signature to the effect
28. that, "in the event of cancellation of the said policies the company will mail notice thereof to the City of Quincy
29. Purchasing Agent, at 1305 Hancock Street, Quincy, Massachusetts at whose request this certificate is issued." This
30. certificate must be properly dated and legally signed by an authorized agent for the insurance company. This
31. certificate must state the name of the insurance company as underwriter and its home office address. All insurance
32. must satisfy all legal requirements as set forth in the laws, rules and regulations of the Commonwealth of
33. Massachusetts.

34. XX. CONTRACT

35. (a) The bidder to whom the award is made will be required to enter into a written contract with the City of
36. Quincy, in the form approved by the City Attorney. All materials or services given or supplied by the Contractor
37. shall conform to the applicable requirements of the City Charter, City Ordinances, or Commonwealth of
38. Massachusetts laws covering Labor, Wages, Insurance, Safety and all other legal requirements of any name or
39. Nature, as well as conforming to the specifications contained herein. In case of default by the Contractor, the City
40. reserves the right to procure the articles or services from other sources and to hold the Contractor responsible for
41. any and all excess costs occasioned by the City thereby.

42. (b) The period to be covered by the contract will be found under "Detailed Specifications."

43. (c) The City makes no guarantee as to the quantities to be delivered under the terms of the contract.

44. (d) The City reserves the right to order small quantities at the quoted prices prior to the execution of the
45. contract, as samples, testing, trial orders otherwise without any liability or commitment on the part of the City
46. whatsoever.

47. (e) Any qualifications or special information can be listed on a separate sheet and attached hereto with
48. signature.

49. (f) Any and all city purchases made as samples, testing, trial orders or of similar nature shall not be
50. considered a breach of contract or give cause for any legal action or litigation.

51. (g) Specifications, conditions, and Information and Instructions to Bidders are here attached and are a
52. part of the bid and/or proposal.

PROPOSAL TO CITY OF QUINCY, MASSACHUSETTS

1. To the Purchasing Agent
2. City of Quincy, Massachusetts

3. Date offered: _____ 20____

4. Gentlemen:

5. The undersigned hereby proposes to furnish the City of Quincy, complete or any part thereof, the listed services,
6. articles, commodities and materials, all in accordance with the attached list, conditions, specifications and the Information
7. and Instructions to Bidders made a part hereof.

8. The undersigned furthermore agrees that he will execute the necessary and satisfactory bond together with
9. necessary contract in sextuplicate within ten (10) days from the date when he shall have been notified that his proposal
10. has been accepted in whole or in part by the City of Quincy.

11. The undersigned furthermore agrees that, in case of default in executing such contract, with necessary bond, that
12. the check accompanying this bid, and the money payable thereon, shall be fortified thereby to and remain the property
13. of the City of Quincy.

14. This offer and/or proposal has been given after having had the complete bid call to work from and considered
15. the same.

16. This offer and bid has been made and given all in accordance with Article and Paragraph Number Eighteen
17. (XVIII) and made a part hereof.

18. TERMS:

19. (a) The discount period shall not be less than twenty (20) days.
20. (b) The City will receive the benefit of any general price decrease effective during the life of the contract.
21. (c) The City will be notified of all price decreases.
22. (d) This is a *firm price* meaning guarantee against price increase.
23. (e) Delivered F.O.B. to using department, as directed.

24. (f) This offer to be accepted on or before _____ 20____

25. Delivery Offered: _____

26. Priority Required: _____

27. Firm Name: _____

28. Signed by: _____ Corporate Seal or ES.
Signature and Title

29. Address: _____

30. Signature of Partners: 1. _____ 2. _____

31. " " " 3. _____ 4. _____

32. Name of Corporation President: _____

33. Name of Corporation Secretary: _____

34. Corporation organized under State of: _____ Date: _____

35. Partner's Residential Address:

36. 1. _____

37. 2. _____

38. 3. _____

39. 4. _____



CITY OF QUINCY
Purchasing Department
1305 Hancock Street, Quincy, MA 02169

Phone: 376-1060

Fax: 376-1074

TAX COMPLIANCE CERTIFICATE

MASS. GENERAL LAWS, CH. 62C, S: 49A(b)

I hereby certify that I have complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding of child support.

Signed under the pains and penalties of perjury.

(1) Individual Contractor

(Contractor's Name and Signature)

Social Security Number

(2) Corporation, Association
or Partnership

(Contractor's Name)

Federal Tax ID Number, or
Social Security Number

By:

(Authorized Signature)

Note to Contractor: Please sign at (1) or (2), whichever applies.

CHAPTER 62C. ADMINISTRATIVE PROVISIONS RELATIVE TO STATE TAXATION

Chapter 62C: Section 49A Certification of compliance with tax laws as prerequisite to obtaining license or governmental contract

Section 49A. (a) Any person applying to any department, board, commission, division, authority, district or other agency of the commonwealth or any subdivision of the commonwealth, including a city, town or district, for a right or license to conduct a profession, trade or business, or for the renewal of such right or license, shall certify upon such application, under penalties of perjury, that he has complied with all laws of the commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support. Such right or license shall not be issued or renewed unless such certification is made.

(b) No contract or other agreement for the purposes of providing goods, services or real estate space to any of the foregoing agencies shall be entered into, renewed or extended with any person unless such person certifies in writing, under penalties of perjury, that he had complied with all laws of the commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

(c) Any such agency, which has been notified by the commissioner pursuant to section forty-seven A that a person who holds a license or certificate of authority issued by such agency or who has agreed to furnish goods, services or real estate space to such agency has neglected or refused to file any returns or to pay any tax required under this chapter and that such person has not filed in good faith a pending application for abatement of such tax or a pending petition before the appellate tax board contesting such tax or has been penalized pursuant to section 9 of chapter 62E for failure to comply with the provisions under said chapter 62E relating to reporting of employees and contractors, or has been penalized pursuant to paragraph (3) of subsection (f) of section 12 of chapter 119A for failure to comply with the provisions under said chapter 119A relating to withholding and remitting child support, shall refuse to reissue, renew or extend such license, certificate of authority, contract or agreement until the agency receives a certificate issued by the commissioner that the person is in good standing with respect to any and all returns due and taxes payable to the commissioner as of the date of issuance of said certificate, including all returns and taxes referenced in the initial notification or, if the licensee has been penalized for failure to comply with the provisions relating to reporting of employees and contractors under chapter 62E or withholding and remitting child support under chapter 119A, a certificate issued by the commissioner that the licensee is in compliance with said provisions.

(d) Any person who owns or leases a motor vehicle or trailer that is required to be registered in the commonwealth under chapter 90 and improperly registers the motor vehicle or trailer in another state or misrepresents the place of garaging of the motor vehicle or trailer in another city or town, shall be considered in violation of laws of the commonwealth relating to taxes under chapter 60A, chapter 64H or chapter 64I. The right, license or contract provided for in subsections (a) and (b) shall not be issued or renewed until the person or business entity has paid all taxes due at the time of application for such right, license or contract.

(e) Any person who, for the purpose of evading payment of a tax pursuant to chapters 59 to 64J, inclusive, willfully makes and subscribes any return, form, statement or other document pursuant to subsection (a), (b) or (d) that contains or is verified by a written declaration that is made under the penalties of perjury, and that contains information that he does not believe to be true and correct as to every matter material to his compliance with all laws of the commonwealth relating to taxes, shall be subject to section 73.



CITY OF QUINCY
Purchasing Department
1305 Hancock Street, Quincy, MA 02169

Phone: 376-1060

Fax: 376-1074

SIGNATURE AUTHORIZATION

At a duly authorized meeting of the Board of Directors of the

_____ (NAME OF CORPORATION)

held on _____, at which all the Directors were present or waived notice, it was
(DATE)

VOTED, that:

_____ (NAME) _____ (OFFICER)

of this company, be and he/she hereby is authorized to execute Contracts and Bonds in the name and behalf of said Company, and affix its Corporate Seal thereto, and such execution of any Contract or obligation in this Company's name on its behalf by such _____ under seal of the Company, shall be valid
(OFFICER)

and binding upon this Company. It was further voted that the City of Quincy may rely on such authorization of future Contracts until notified to the contrary.

A true copy,

ATTEST: _____
(CLERK'S SIGNATURE)

PLACE OF BUSINESS: _____

DATE OF THIS CONTRACT: _____

I hereby certify that I am the Clerk of the:

_____ that _____ is the
(COMPANY) (NAME)

duly elected _____ of said Company, and that the above VOTE has not been
(TITLE)

amended or rescinded and remains in full force and effect as of the date of this Contract.

_____ CORPORATE SEAL

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.

(Name of person signing bid or proposal)
(Please print)

(Signature required)

(Name of business)

CERTIFICATION RELATING TO DEBARMENT AND SUSPENSION

The undersigned contractor certifies to the City of Quincy that neither it nor its principals, officers or any affiliated entities has been debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction in accordance with the requirements of OMB Circular A-87 and with Executive Order 12549, "Debarment and Suspension."

Furthermore, the contractor certifies that it shall not make any subcontract or permit any subcontract to be made with any party which is debarred or suspended or is otherwise excluded in accordance with said OMB Circular and with Executive Order 12549.

This certification shall be for the benefit of the City of Quincy and its successors and/or assigns and is binding upon the contractor, its successors and assigned.

Executed under seal this _____ day of _____, _____.

Contractor Name
By its duly authorized agent,

Contract Number _____

(Authorized Signature)

**CERTIFICATION OF GENERAL BIDDERS ON PUBLIC CONSTRUCTION
PROJECTS**

I. CERTIFICATION REGARDING HEALTH AND SAFETY

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least ten hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he will comply fully with all laws and regulations application to awards made subject to section 44A.

II. CERTIFICATION REGARDING NON-COLLUSION AND DEBARMENT

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date: _____

Name of General Bidder

By _____
Signature

Print name and title

Business Address

Street Address City and State

**CERTIFICATION OF SUB- BIDDERS (IF ANY) ON PUBLIC CONSTRUCTION
PROJECTS**

I. CERTIFICATION REGARDING HEALTH AND SAFETY

The undersigned hereby certifies that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work; that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupation Safety and Health Administration that is at least ten hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and that he will comply fully with all laws and regulations applicable to awards of subcontracts subject to section 44F.

II. CERTIFICATION REGARDING NON-COLLUSION AND DEBARMENT

The undersigned further certifies under penalties of perjury that this subbid is in all responses bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date _____

Name of Sub-bidder

By _____
Signature

Print Name and Title

Business Name

Street Address, City and State

INDEMNITY AGREEMENT

In consideration of the award of Contract No. _____
by the City of Quincy, hereinafter referred to as INDEMNITEE, to the CONTRACTOR/BIDDER:

hereinafter referred to as INDEMNITOR, and for other good and valuable consideration, said INDEMNITOR agrees to hold INDEMNITEE, City of Quincy, and its various department and employees harmless from any and all liability, loss or damage that INDEMNITEE may suffer as the result of claims, demands, costs, including attorneys fees, or judgement or other actions against it by reason of any and all work done by or on behalf of the INDEMNITOR in connection with the above-referenced contract.

INDEMNITOR,

By Duly Authorized Agent

Date: _____



Broad Meadows Middle School

50 Calvin Rd.
Quincy, MA 02169

Reroofing Project

**Scope of Work: Broad Meadows Middle School
50 Calvin Road
Quincy, MA 02169**

- 1 – Comply with all applicable building codes and contractor regulations and requirements as well as manufacturer’s published specifications. This applies to the following procedures as well as other work associated with this project.**
- 2 – Area to re-roof includes:
Base bid: Horseshoe shaped roof area (roughly 6000 square feet) that skirts the gymnasium over hallway and locker rooms. See attached photo and drawing.
- 3 – On roof currently covered by EPDM roof, overlay existing membrane with 1” polyisocyanurate insulation and 50-mil mechanically fastened PVC roofing system as described in attached specification. Cut existing EPDM membrane every 5’ prior to recover according to manufacturer’s specifications. Provide unit square foot price for removal of wet existing wood fiberboard, insulation and existing roof system discovered during installation and as shown on moisture analysis provided by building owner. (Provide alternative bid for complete tear-off of existing roof system to deck and replacement with fully adhered 50-mil PVC roofing system and R-20 polyisocyanurate insulation.)
- 4 - Only cut and/or remove as much existing roofing materials as can be completely reroofed that same day. Make watertight nightly tie-ins on a daily basis.
- 5 – Install a complete 50-mil (nom.) PVC roofing system according to the published project specifications. The PVC roofing system used must carry the actual membrane manufacturers name and this, in turn, must be one and the same as the warrantor of the roofing system. This roofing system, in essentially its current form (reasonable updates and improvements permitted), must have 20 or more years of proven performance in the marketplace under the same corporate name. A minimum of 80% factory prefabrication of deck sheets and a minimum 90% factory prefabrication of all flashings must be used. This roofing system includes prefabricated roof membrane, prefabricated flashings, fasteners, accessories and edge materials. Employ minimum 90 pound fastener and system configuration.
- 6 – Remove existing metal fascia. Install 2-piece 8” minimum compression Kynar metal edge system ensuring that the building edge aesthetics are preserved as designed or improved. Install new non-corrosive nailers as needed. See attached detail #3110.
- 7 – Install 2.5’ X 5’ walk pads at known “impact” points on roof. Coordinate with plumbing contractor the flashing of the new four (4) new drains as indicated by the building owner.
- 8 – Provide standard commercial 15-year warranty that covers consequential damages with no exclusions for ponding water .
- 9 – Provide for a safe, non-disruptive job-site ensuring appropriate access and disposal lanes. Keep work environment clean and safe for roof mechanics, building employees and the public. Provide portable toilets as needed.

**10 – Submit bids to City of Quincy, Purchasing Department, City Hall, 2nd Floor,
1305 Hancock St., Quincy, MA 02169
Attn.: Ms. Kathryn Hobin - Director**

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
1. Mechanically fastened membrane roofing system.
 2. Preparation of existing roof for recovering.
 3. Prefabricated flashings, corners, parapets, stacks, vents, and related details
 4. Fasteners, adhesives, and other accessories required for complete roof installation.
 5. Traffic protection.

1.3 REFERENCES

- A. UL: Underwriters Laboratories.
1. Roofing Materials and System Directory: TGFU.R10128.
- B. FMG: Factory Mutual Global.
1. Factory Mutual Standard 4470 - *Approved Standard for Class 1 Roof Covers*.
- C. ASTM: American Society of Testing and Materials.
1. ASTM C 578-04a, *Standard Specification For Rigid, Cellular Polystyrene Thermal Insulation*, © 2004, ASTM International.
 2. ASTM C 1177/C1177M-04e1, *Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing*, © 2004, ASTM International.
 3. ASTM C 1289-04, *Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board*, © 2004, ASTM International.
 4. ASTM C 1396/C1396M-04, *Standard Specification for Gypsum Board*, © 2004, ASTM International.
 5. ASTM D 146-04, *Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Woven Fabrics for Roofing and Waterproofing*, © 2004, ASTM International.
 6. ASTM D 570-98, *Standard Test Method for Water Absorption of Plastics*, © 1998, ASTM International.
 7. ASTM D 751-00e1, *Standard Test Methods for Coated Fabrics*, © 2000, ASTM International.
 8. ASTM D 828-97(2002), *Standard Test Method for Tensile Properties of Paper and Paperboard Using Constant-Rate-of-Elongation Apparatus*, © 2002, ASTM International.
 9. 9. ASTM D1079-05, *Standard Terminology Relating to Roofing, Waterproofing, and Bituminous Materials*, © 2005, ASTM International.
 10. ASTM D 1204-02, *Standard Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature*, © 2002, ASTM International.
 11. ASTM D 2136-02, *Standard Test Method for Coated Fabrics-Low-Temperature Bend Test*, © 2002, ASTM International.
 12. ASTM D3045-03, *Standard Practice for Heat Aging of Plastics Without Load*, © 2003, ASTM International.
 13. ASTM D 4434-96, *Standard Specification for Poly(Vinyl Chloride) Sheet Roofing*, © 1996, ASTM International.

14. ASTM D 5602-98, *Standard Test Method for Static Puncture Resistance of Roofing Membrane Specimens*, © 1998, ASTM International.
15. ASTM D 5635-04, *Standard Test Method for Dynamic Puncture Resistance of Roofing Membrane Specimens*, © 2004, ASTM International.
16. ASTM E 108-04, *Standard Test Methods for Fire Tests of Roof Coverings*, © 2004, ASTM International.
17. ASTM E 119-00a, *Standard Test Methods for Fire Tests of Building Construction and Materials*, © 2000, ASTM International.
18. ASTM G 154-00, *Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials*, © 2000, ASTM International.

1.4 DEFINITIONS

- A. Roofing Terminology: Refer to ASTM D1079 and glossary of NRCA's *The NRCA Roofing and Waterproofing Manual* for definition of terms related to roofing work in this Section.

1.5 PERFORMANCE REQUIREMENTS

- A. General: Provide installed roofing membrane and base flashings that remain watertight; do not permit the passage of water; and resist specified uplift pressures, thermally induced movement, and exposure to weather without failure.
- B. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by roofing membrane manufacturer based on testing and field experience.
- C. Physical Properties: Roof product must meet the requirements of type III PVC sheet roofing as defined by ASTM D4434-96 and must meet or exceed the following physical properties.
 1. Thickness: 50 mil (1.25 mm), nominal per ASTM D751 – minimum 27 mils of polymer above reinforcement layer. Membrane must have same chemical formulation above and below the reinforcement.
 2. Breaking Strengths: ≥ 472 lbf. (MD) and ≥ 366 lbf. (XMD) per ASTM D751, Grab Method.
 3. Elongation at Break: $\geq 31\%$ per ASTM D751, Grab Method.
 4. Heat Aging per ASTM D3045: 176°F for 56 days. No sign of cracking, chipping or crazing. (per ASTM D4434).
 5. Factory Seam Strength: ≥ 575 lbf per ASTM D751, Grab Method.
 6. Tearing Strength: ≥ 68 lbf. (MD) and ≥ 92 lbf. (XMD) per ASTM D751, Procedure B.
 7. Low Temperature Bend (Flexibility): Pass -40°F per ASTM D2136.
 8. Accelerated Weathering: No cracking, checking, crazing, erosion or chalking after 5,000 hours per ASTM G154 (formerly G53).
 9. Linear Dimensional Change: $\leq 0.5\%$ per ASTM D1204 @176 \pm 2°F for 6 hours.
 10. Water Absorption: $\leq 3\%$ per ASTM D570 @158°F for 166 hours.
 11. Static Puncture Resistance: ≥ 56 lbs. per ASTM D5602.
 12. Dynamic Puncture Resistance: ≥ 474 pdl-ft per ASTM D5635.
- D. Minimum UL Class A fire rating.
- E. Attach roofing system using the fastener spacing requirements to meet a 90 lb. design according to ASCE-7.
- F. Current International Code Council Evaluation Services Report or Legacy Report showing compliance with the International Building Code.

1.6 SUBMITTALS

- A. Product data: For each component of the roofing system.

- B. Shop Drawings: For roofing system. Include roof plan with fastening pattern, and roofing manufacturer's standard details that are representative of those that will be encountered during installation.
- C. Samples for verification: For the following products:
 1. 4-inch x 6-inch sample of roofing membrane, of color specified.
 2. Sample of roofing membrane with factory weld and T-shaped lap.
 3. 4-inch x 6-inch sample of walkway pad.
 4. Termination bar, fascia bar with cover, drip edge and gravel stop if to be used.
 5. A Sample of each fastener type to be used for installing membrane, insulation/recover board, termination bar and edge details.
- D. Installer Certificates: Signed by roofing system manufacturer certifying that Installer is approved, authorized, or licensed by manufacturer to install roofing system.
- E. Manufacturer Certificates: Signed by roofing manufacturer certifying that roofing system complies with requirements specified in *Performance Requirements* Article.
- F. ASTM D4434-96 Certification: Supply test results from qualified testing agency that states that the roofing product meets the requirements for type III PVC sheet roofing as defined in ASTM D4434-96.
- G. Maintenance Data: Outlining leak reporting procedure, maintenance requirements, and emergency repair procedures.
- H. Warranties: Submit a current sample of the manufacturer's warranty that will be issued for this project.

1.7 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified firm that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product and that is eligible to receive manufacturer's warranty.
- B. Manufacturer Qualifications: A qualified manufacturer must utilize a Quality Control Manual during the production of the membrane roofing system that has been approved by and is inspected by Underwriters Laboratories.
- C. Source Limitations: Obtain components for membrane roofing system from roofing membrane manufacturer.
- D. There shall be no deviations from roofing membrane manufacturer's specifications or the approved shop drawings without the prior written approval of the manufacturer.
- E. Fire-Test-Response Characteristics: Provide membrane roofing materials with the fire-test-response characteristics indicated as determined by testing identical products per test method below by UL, FMG, or another testing and inspecting agency acceptable to authorities having jurisdiction. Materials shall be identified with appropriate markings of applicable testing and inspecting agency.
 1. Exterior Fire-Test Exposure: Class A; ASTM E108, for application and roof slopes indicated.
 2. Fire-Resistance Ratings: ASTM E119, for fire-resistance-rated roof assemblies of which roofing system is a part.
- F. Preliminary Roofing Conference: Before starting roof deck construction, conduct conference at Project site. Comply with requirements for preinstallation conferences in Division 1 Section *Project Management and Coordination*. Review methods and procedures related to roof deck construction and roofing system including, but not limited to, the following:

1. Meet with Owner, Architect, Owner's insurer if applicable, testing and inspecting agency representative, roofing Installer, roofing system manufacturer's representative, deck Installer, and installers whose work interfaces with or affects roofing including installers of roof accessories and roof-mounted equipment.
2. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
3. Examine deck substrate conditions and finishes for compliance with requirements, including flatness and fastening.
4. Review structural loading limitations of roof deck during and after roofing.
5. Review base flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect roofing system.
6. Review governing regulations and requirements for insurance and certificates if applicable.
7. Review temporary protection requirements for roofing system during and after installation.
8. Review roof observation and repair procedures after roofing installation.

1.8 DELIVERY, STORAGE AND HANDLING

- A. Deliver roofing materials to Project site in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storing and mixing with other components.
- B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.
- C. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.
 1. Discard and legally dispose of liquid material that cannot be applied within its stated shelf life.
- D. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Store in a dry location. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.
- E. Handle and store roof materials and place equipment in a manner to avoid permanent deflection of deck.

1.9 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit roofing system to be installed according to manufacturer's written instructions and warranty requirements.

2.0 WARRANTY

- A. Contractor Warranty: The contractor shall warrant the roof application with respect to workmanship and proper application for two (2) years from the date of favorable inspection by the roof membrane manufacturer. Should any leaks covered under the warranty occur during this period, corrective action will be taken by the contractor to repair the roof to the satisfaction of the owner and the roof membrane manufacturer. All corrective work will be done at no cost to the owner or the roof membrane manufacturer.
- B. Manufacturer Warranty: Must be no-dollar limit type and provide for completion of repairs, replacement of membrane or total replacement of the roofing system at the then-current

material and labor prices throughout the life of the warranty. In addition the warranty must meet the following criteria:

1. Warranty Period: 15 years from date issued.
2. No exclusions for damage caused by ponded water or biological growth, or for incidental or consequential damages.
3. Issued direct from and serviced by the roof membrane manufacturer.
4. Transferable for the full term of the warranty.
5. No additional charge for the warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply for product selection:
1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the products specified.
 2. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the manufacturers specified.

2.2 PVC ROOFING MEMBRANE

- A. PVC Sheet: ASTM D4434, Type III, fabric reinforced, as follows:
1. Product: Subject to compliance with requirements, provide PVC roofing membrane that meets or exceeds the requirements stated under the section titled *Performance Requirements*.
 2. Thickness: 50 mil (1.25 mm), nominal – minimum 27 mils of polymer above reinforcement layer. Same chemical formulation above and below the reinforcement layer.
 3. Exposed Face Color: white.

2.3 AUXILIARY MATERIALS

- A. Sheet Flashing: Manufacturer's standard sheet flashing of same material, type, reinforcement, thickness, and color as PVC sheet membrane.
- B. Prefabricated Flashing: Prefabricated flashings for pipes, curbs, inside and outside corners of same thermoplastic formulation, type, reinforcement, and color as PVC sheet membrane and not less than 40 mil (nom) thickness.
- C. Sealants and Adhesives: Caulk, pourable sealant, mastic and adhesives must be supplied by the roof membrane manufacturer.
- D. Slip Sheet and Cover Boards: Slip sheet or cover boards, of type required by the roof membrane manufacturer for the application.
- E. Termination Bars: Standard rigid exterior vinyl bar, 1.5-inch wide with slotted holes 6-inch on center must be manufactured by the roof membrane manufacturer.
- F. Edge Detail: Fascia bar and cover, prefabricated Drip Edge, prefabricated Gravel Stop and 2-Piece Compression Metal Edge must be manufactured by the roof membrane manufacturer.

- G. Vinyl Coated Metal: 24 gauge, hot-dipped galvanized, grade 90 metal with a minimum of 17 mil of manufacturers membrane laminated to one side.
- H. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and supplied by the roof membrane manufacturer.
- I. Two-Way Vents: Provided by the roof membrane manufacturer. Must install a minimum of 1 vent per each 1000 square-feet.

2.4 SUBSTRATE BOARD OR SLIP SHEET

- A. Fan-fold Board: 3/8-inch polystyrene fan-folded underlayment board supplied by the roof membrane manufacturer.
- B. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and supplied by the roof membrane manufacturer.

2.5 Walkways

- A. Flexible Walkways: Provide non-skid, maintenance-free walkway pads in areas of heavy foot traffic and around mechanical equipment. Walkway pads must be manufactured by the roof membrane manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with the following requirements and other conditions affecting performance of roofing system:
 - 1. Verify that roof openings and penetrations are in place and set and braced and that roof drains are securely clamped in place.
 - 2. Verify that wood blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thickness of insulation.
 - 3. For steel decks, verify that surface plane flatness and fastening of the roof deck comply with requirements in Division 5 Section *Steel Deck*.
 - 4. For Concrete decks,
 - a. Verify that minimum concrete drying period recommended by the roof membrane manufacturer has passed.
 - b. Verify that concrete substrate is visibly dry and free of moisture. Test for capillary moisture by plastic sheet method according to ASTM D4263.
 - c. If roof components will be adhered to concrete deck, verify that concrete curing compounds that will impair adhesion of the components to roof deck have been removed.
 - 5. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean substrate of dust, debris, moisture, and other substances detrimental to roofing installation according to the roof membrane manufacturer's written instructions. Remove sharp projections.
- B. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work is taking place or when rain is forecast.

- C. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system at the end of the workday or when rain is forecast. Remove and discard temporary seals before beginning work on adjoining roofing.

3.3 SUBSTRATE BOARD AND SLIP SHEET INSTALLATION

- A. Fasten substrate boards and slip sheets according to the roof membrane manufacturer's written instructions.

3.4 MECHANICALLY FASTENED ROOFING MEMBRANE INSTALLATION

- A. Install prefabricated roofing sections over area to receive roofing according to the roof membrane manufacturer's written instructions.
- B. For each prefabricated roofing section pull the first securement tab taut and mechanically fasten to the structural deck. Unfold the roof section to expose the next securement tab. Pull the material taut to remove wrinkles and install fasteners. Continue this procedure for each securement tab.
 - 1. Fasteners and stress distribution plates must be supplied by the roof membrane manufacturer.
 - 2. The edge of the stress distribution plates should be aligned with the outside edge of the securement tabs.
 - 3. Securement tab and fastener spacing are based on the roof membrane manufacturer's specification.
- C. Mechanically fasten roofing membrane securely at terminations, penetrations, and perimeter per the roof membrane manufacturer's specifications.
- D. Accurately align each prefabricated roofing section in order to maintain overlaps of the minimum dimensions required by the roof membrane manufacturer.
- E. Seams: Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to the roof membrane manufacturer's written instructions to ensure a watertight seam installation.
 - 1. Hot-air welded seams must be a minimum of 1-1/2 inch wide.
 - 2. After seam has cooled make a *hands and knees* inspection with a probe. Repair any deficiencies found immediately.
- F. Penetrations: Utilize factory prefabricated flashings for penetrations such as pipes, equipment curbs, braces and pitch pockets. These flashings shall be made from a membrane that is the same thermoplastic formulation and reinforcement as the roof membrane and not less than 40 mil (nom) thickness. Hot-air weld the flashing's skirt to the roofing section and properly terminate the flashing to the penetration per the roof membrane manufacturer's specification.
- G. Drains and Scuppers: Follow membrane manufacturer's specification to properly terminate the roofing sections at drains and scuppers. Clamping rings may be used to terminate the roof section at roof drains. If the drain does not have a clamping ring, or it cannot be used, a prefabricated drain boot must be used. Prefabricated flashings must be utilized for scuppers.

3.5 BASE FLASHING INSTALLATION

- A. Install prefabricated sheet flashings according to the roof membrane manufacturer's specification.
- B. Utilize prefabricated flashings for roof penetrations.

- C. Utilize prefabricated inside and outside corners where necessary.
- D. Hot-air weld the flashing's skirt to the roofing section and properly terminate the flashing to the penetration per the roof membrane manufacturer's specification.

3.6 WALKWAY INSTALLATION

- A. Flexible Walkways: Install walkway products in locations indicated. Heat weld to roof membrane according to the roof membrane manufacturer's specification.

3.7 FIELD QUALITY CONTROL

- A. Final Roof Inspection: Arrange for the roof membrane manufacturer's technical representative to inspect roofing installation on completion – every inch of field-welded seams created by the contractor must be physically inspected and probed by the manufacturer's technical representative. This includes the field-welded seams on all deck sheets, flashings, penetrations and perimeters.
 - 1. Deficiencies: Any deficiencies identified during the inspection will be corrected and made ready for reinspection within five (5) working days. Such corrections will be made at no expense to the Owner.
 - 2. Warranty: Upon receipt of the required materials, certifying inspection and acceptance of the installation by the roof membrane manufacturer, the warranty shall be duly executed and issued to the Owner.

3.8 PROTECTING AND CLEANING

- A. Protect membrane roofing system from damage and wear during remainder of construction period. When remaining construction will not affect or endanger roofing, inspect roofing for deterioration and damage, describing its nature and extent in a written report, with copies to the Owner.
- B. Correct deficiencies in or remove membrane roofing system that does not comply with requirements, repair substrates, and repair or reinstall membrane roofing system to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
- C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by the roof membrane manufacturer.

GENERAL NOTES:

DCAM CERTIFICATION (WHEN APPLICABLE)

The City of Quincy prefers that all prospective general bidders be certified by the Division of Capital Asset Management (formerly DCPO) in the category of Roofing. If so certified, the bid should be accompanied by a Certificate of Eligibility issued by the DCAM, showing that the Bidder has been approved to bid on projects of the size and nature of that advertised, and an update statement summarizing the Bidder's record for the period between the latest certification and the date the Bidder submits a Bid for this Project.

WORKMEN'S COMPENSATION

The Contractor shall, before commencing performance of the Contract, provide by Insurance for the payment of compensations and furnishing of other benefits under Chapter 152 the General Laws, Tercentenary Edition, to all persons to be employed under the contract and he shall continue such insurance in full force and effect during the term of the contract (Acts of 1938-Chapter 438.) Failure to provide and continue in force such insurance as aforesaid shall be deemed a material breach of the contract and shall operate as an immediate termination thereof.

PUBLIC LIABILITY INSURANCE

The Contractor shall take out and maintain during the life of this contract, Public Liability insurance in an amount not less than one million (\$1,000,000.00) dollars, for injuries including wrongful death, to any one person and subject to the same limit for each person, in an amount not less than one million (\$1,000,000.00) dollars on account of one accident, also one million (\$1,000,000.00) dollars for property damages.

BONDS

The Contractor, upon award of the contract, will be required to provide both a performance bond and a payment/labor and materials bond each in the amount of (100%) one hundred percent of the total contract price. If service work exceeds the estimated dollar amount, contractor will be required to increase the Bond Values.

MATERIALS

All materials used in the performance of these specifications shall meet or exceed the requirements required for this type of work and installed in accordance with the manufacturer's instructions and in compliance with all the Massachusetts State Safety Codes. All materials shall be of top quality as approved by the Department of Public Buildings.

SPECIAL INSTRUCTIONS

The Contractor is to hold material prices quoted for the life of the contract. The Contractor is not to charge for mileage or travel time. The Contractor must check in with the custodial staff or building supervisor for the purpose of signing work slips.

SUPERVISION

Adequate supervision must be assigned to the job by the Contractor. The number of men and names of supervisory personnel assigned must be supplied to the Director of Public Buildings.

PROTECTION OF PROPERTY

The contractor shall furnish and place temporary protective coverings above pedestrian areas and on all walls and floors wherever required. Protection shall include padding of elevator cars, if required, protection of floors and all points of heavy pedestrian traffic. Protection shall be furnished for all buildings and other surfaces involved in any staging or hoisting operations. If any City owned or controlled property is lost or damaged during the performance of these requirements, the City, at its option, may require the contractor to pay for or replace at its expense, all property damaged. In the event that the contractor fails to pay or replace such damaged property the City at its option, may withhold from any payment due the contractor a sum of money, which will satisfy the reasonable cost of replacement or repair of such property.

WORK AREA

The work area must be cleaned and swept up at the end of every day. The contractor is to remove and dispose of all debris generated by the performance of this contract from City property. The contractor is responsible for the proper disposal and disposal fees if required. The Contractor shall forward to the City any manifests of other documents required. The contractor shall not allow the debris to accumulate on the site of building property. The contractor is responsible for any dumpsters used during performance of the contract. The contractor shall abide by the City's dumpster ordinance under the jurisdiction of the Department of Public Works.

BID SUBMISSION

No bid may be withdrawn after the time set for bid opening except by written notice received by the City of Quincy prior to the time and date set for the bid opening as set forth in the advertisement. No bid filed by any responsible and responsive bidder may be withdrawn after the date and time of opening, nor prior to the execution and delivery of a contract to the lowest responsible and responsive bidder.

The Authorized Representative must sign the original copy.

(check list of all required paperwork that is to be submitted with bid)

- √____ Any addendum issued by the City of Quincy,
- √____ Information and Instructions to Bidders Form (5 pages)
- √____ Tax Compliance Form-(Chapter 62C, Section 49A)
- √____ Signature Authorization Form
- √____ Certificate of Non-Collusion
- √____ Certification Relating to Debarment and Suspension
- √____ Indemnity Agreement
- √____ Bid Form-(Price proposal page)
- √____ Bid Bond

INQUIRIES

All questions regarding this bid should be directed to Kathryn R. Hobin, Purchasing Agent through fax: 617-376-1074 and email: khobin@quincyma.gov and cc: to ktrillcott@quincyma.gov Questions will be accepted until June 10, 2011 at 4:00 p.m.

REFERENCES

Vendors must submit references most recent projects completed. (See attached form).

Signed: _____

Title: _____

Name of Company: _____

Address: _____

Telephone: _____

Date: _____ Federal I.D. # _____

REFERENCE LIST

All vendors are to fill out the following reference form, and submit it with the bid package.

Reference #1 Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Reference #2 Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Reference #3 Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

Reference #4 Name: _____

Address: _____

Telephone: _____

Fax: _____

Email: _____

PRICE PROPOSAL PAGE

CITY OF QUINCY

QUINCY, MASSACHUSETTS

PARTIAL ROOF REPLACEMENT

at

BROAD MEADOWS MIDDLE SCHOOL

Furnish & Supply Partial Roof Replacement at Broad Meadows Middle School, as per attached Specifications:

Total Cost of Replacement Roof: \$ _____

Amount in words

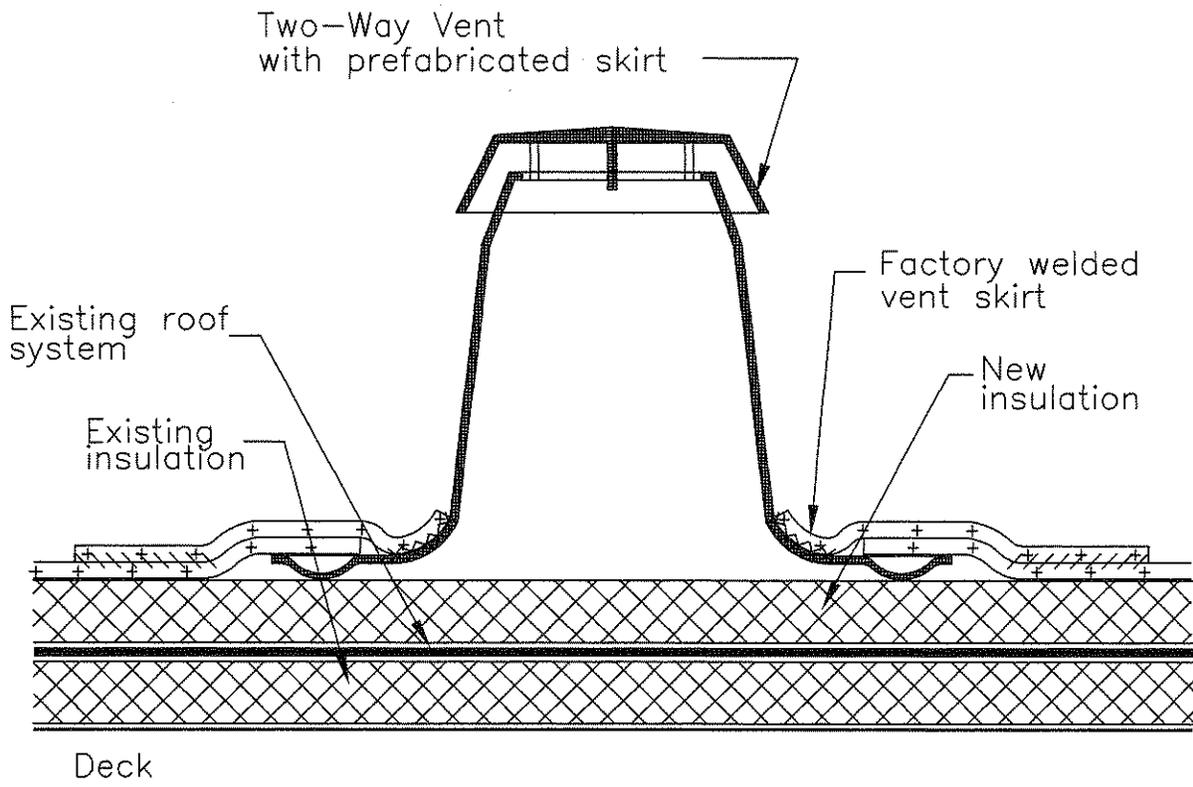
BIDDER'S SIGNATURE: _____

COMPANY: _____

ADDRESS: _____

PHONE: _____

FAX #: _____

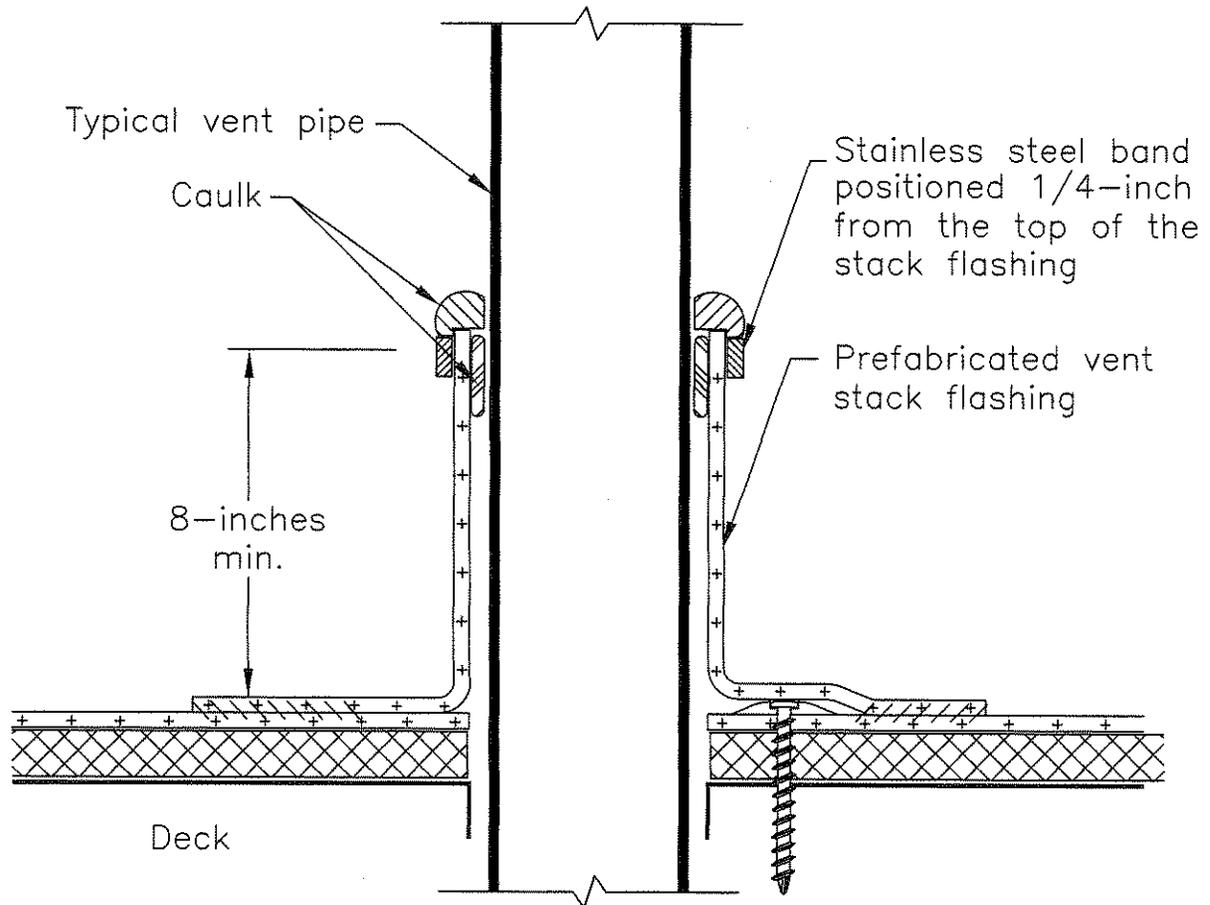


Note 1: Install one vent for every 1,000 square feet or portion of 1,000 square feet of roof area. Vents shall be evenly spaced between rows of fastening tabs across the roof. A minimum of 1 vent per roof area is required.

Note 2: Cut a 7-inch hole through the membrane for vent installation and install the feet of the vent under the membrane. Do not fasten the vent to the deck.

Note 3: 2-way air vents are not required on coolers or freezers, or open structures such as carports.

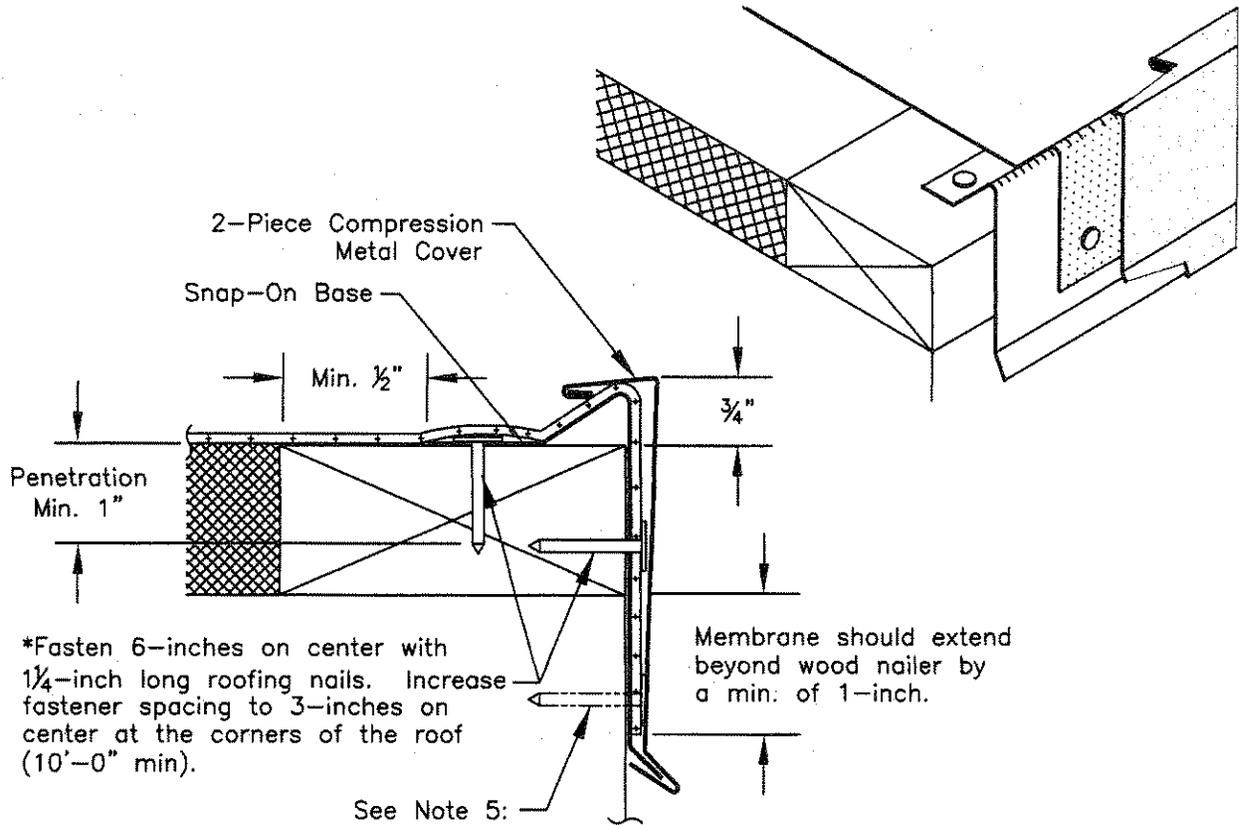
	TWO-WAY VENT DETAIL
	TWO-WAY BREATHER VENT
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF



Note 1: If a lead flashing is present on the pipe, it must be removed before a stack flashing is installed.

Note 2: Membrane attachment around the penetration will be the same as the deck membrane, max. 18-inches on center, and a minimum of one plate/fastener per flashing.

	ROOF PENETRATION DETAIL
	ROUND PENETRATION
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF



Note 1: The use of this detail is not to exceed a 2-inch per 12-inch slope.

Note 2: A wood nailer is required if one or more inches of insulation is used. Top of wood nailer is to be flush with top of insulation. Be sure that the wood nailer extends at least $\frac{1}{2}$ -inch beyond the horizontal edge of the snap-on base.

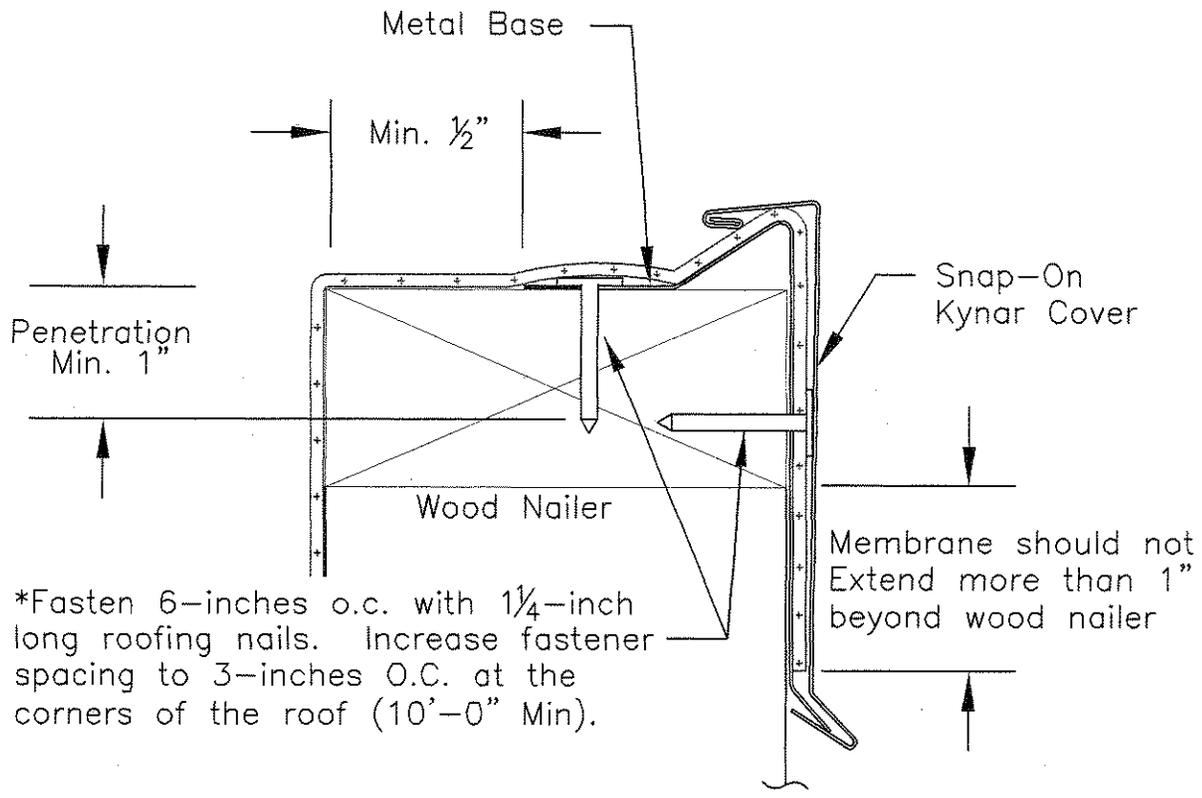
Note 3: The fasteners used to attach the base to wood nailers, and the membrane to the face of the nailers, must be spaced no greater than 6-inches on-center. The fastener spacing must be increased to 3-inches on-center when attaching the base within 10-feet (min.) of the outside corners of the building.

Note 4: Allow for $\frac{1}{8}$ -inch expansion gap between 10-foot lengths of snap-on base. Overlap the snap-on covers by 2-inches between 10-foot lengths.

Note 5: When installing this detail with a 6-inch or greater vertical surface, additional mechanical attachment is required on the snap on base.

© COPYRIGHT 2009

	EDGE DETAIL
	2-PIECE COMPRESSION EDGE
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF



NOTE 1: In lieu of "clip" style connections, an overlap of 2-inches is required (manufactured) between sections.

NOTE 2: A wood nailer is required if one or more inches of insulation is used. Top of wood nailer to be flush with top of insulation. The fasteners used to attach the base to wood nailers must be spaced no greater than 6-inches on center. Increase density to safety factor of (2) at roof corners (for example: if 6-inches o.c., corner density would be 3 Inches). Be sure that the wood nailer extends at least 1/2-inch min. beyond the horizontal dimension of the snap-on base.

NOTE 3: Allow for 1/8-inch gap at the base between 10'-0" lengths.

NOTE 4: This detail is not intended for use with a fully-adhered system.

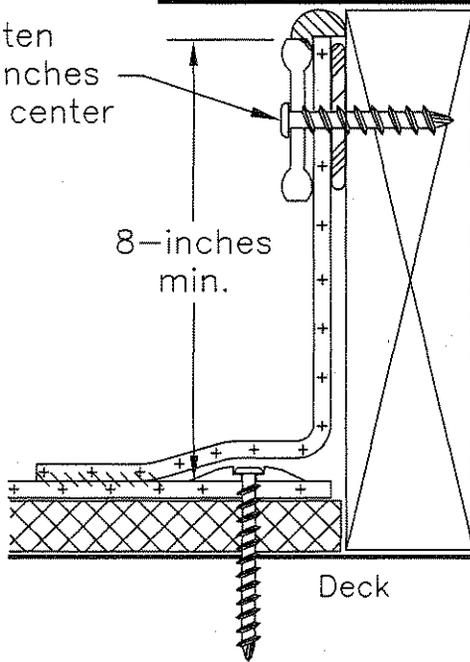
Note 5: Any parapet greater than 28-inches in height requires additional fastening rows on interior of wall.

DATE: 05/19/11	2-piece compression metal edge
DRAWN BY:	on parapet
SCALE: NONE	NEW CONSTRUCTION OR REROOF

Rectangular penetration

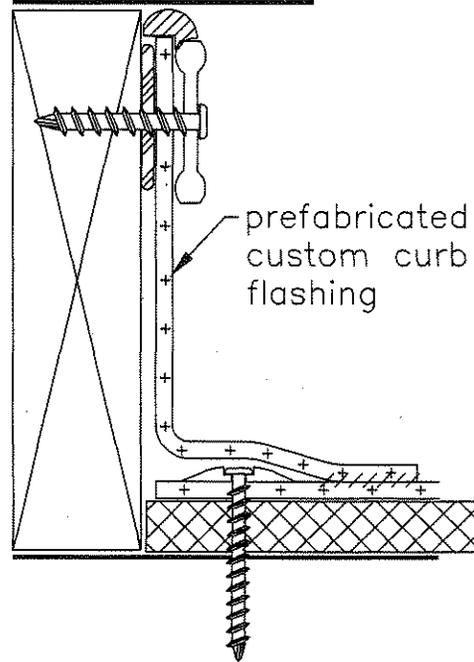
Fasten
6-inches
on center

8-inches
min.



Deck

prefabricated
custom curb
flashing



Note 1: Perimeter fastening of the deck membrane will be the same fastening pattern as the field membrane, max. 18-inches on center, and no less than one fastener per side.

Note 2: All termination bar to have a fastener 1-inch max. from each corner.

	ROOF PENETRATION DETAIL
	RECTANGULAR PENETRATION
SCALE: NONE	NEW CONSTRUCTION OR RE-ROOF



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

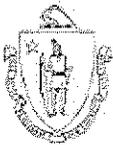
Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

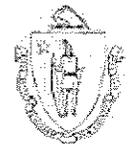
Classification	Effective Dates and Total Rates								
Construction									
(2 AXLE) DRIVER - EQUIPMENT	12/01/2010	\$45.370	06/01/2011	\$45.770	08/01/2011	\$46.120			
	12/01/2011	\$46.780	06/01/2012	\$47.080	08/01/2012	\$47.430			
	12/01/2012	\$48.460							
(3 AXLE) DRIVER - EQUIPMENT	12/01/2010	\$45.440	06/01/2011	\$45.840	08/01/2011	\$46.190			
	12/01/2011	\$46.850	06/01/2012	\$47.150	08/01/2012	\$47.500			
	12/01/2012	\$48.530							
(4 & 5 AXLE) DRIVER - EQUIPMENT	12/01/2010	\$45.560	06/01/2011	\$45.960	08/01/2011	\$46.310			
	12/01/2011	\$46.970	06/01/2012	\$47.270	08/01/2012	\$47.620			
	12/01/2012	\$48.650							
ADS/SUBMERSIBLE PILOT	08/01/2010	\$103.680	08/01/2011	\$107.800					
AIR TRACK OPERATOR	12/01/2010	\$49.850	06/01/2011	\$50.850	12/01/2011	\$52.100			
ASBESTOS REMOVER - PIPE / MECH. EQUIPT.	12/01/2009	\$40.250							
ASPHALT RAKER	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
ASPHALT/CONCRETE/CRUSHER PLANT-ON SITE	12/01/2010	\$60.980							
BACKHOE/FRONT-END LOADER	12/01/2010	\$60.980							
BARCO-TYPE JUMPING TAMPER	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
BLOCK PAVER, RAMMER / CURB SETTER	12/01/2010	\$49.850	06/01/2011	\$50.850	12/01/2011	\$52.100			
BOILER MAKER	01/01/2010	\$55.850							
APPRENTICE: BOILERMAKER - Local 29									
Ratio	Step	1	2	3	4	5	6	7	8
1:5	%	65.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00
Apprentice wages shall be no less than the following:									
Step 1\$42.66/2\$42.66/3\$44.54/4\$46.43/5\$48.31/6\$50.20/7\$52.09/8\$53.97									
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	03/01/2011	\$70.900	08/01/2011	\$73.000	02/01/2012	\$73.990			
APPRENTICE: BRICK/PLASTER/CEMENT MASON - Local 3 Quincy									
Ratio	Step	1	2	3	4	5			
1:5	%	50.00	60.00	70.00	80.00	90.00			
Apprentice wages shall be no less than the following:									
Step 1\$48.30/2\$52.82/3\$57.34/4\$61.86/5\$66.38									
BULLDOZER/GRADER/SCRAPER	12/01/2010	\$60.630							
CAISSON & UNDERPINNING BOTTOM MAN	12/01/2010	\$50.250	06/01/2011	\$51.250	12/01/2011	\$52.500			
CAISSON & UNDERPINNING LABORER	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
CAISSON & UNDERPINNING TOP MAN	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
CARBIDE CORE DRILL OPERATOR	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
CARPENTER	03/01/2011	\$56.230	09/01/2011	\$57.360	03/01/2012	\$58.480			

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification	Effective Dates and Total Rates										
APPRENTICE: CARPENTER - Zone 2 Eastern MA											
Ratio	Step	1	2	3	4	5	6	7	8		
1:5	%	50.00	60.00	70.00	75.00	80.00	80.00	90.00	90.00		
Apprentice wages shall be no less than the following:											
Step 1\$26.27/2\$29.47/3\$41.91/4\$43.51/5\$46.68/6\$46.68/7\$51.46/8\$50.87											
CEMENT MASONRY/PLASTERING						02/01/2011	\$69.150	08/01/2011	\$70.770	02/01/2012	\$71.540
CHAIN SAW OPERATOR						12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600
CLAM SHELLS/SLURRY BUCKETS/HEADING MACHINES						12/01/2010	\$61.980				
COMPRESSOR OPERATOR						12/01/2010	\$49.690				
DELEADER (BRIDGE)						01/01/2011	\$64.410	07/01/2011	\$65.410	01/01/2012	\$66.410
						07/01/2012	\$67.410	01/01/2013	\$68.410		
APPRENTICE: PAINTER Local 35 - BRIDGES/TANKS											
Ratio	Step	1	2	3	4	5	6	7	8		
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:											
Step 1\$29.31/2\$36.86/3\$39.01/4\$41.16/5\$51.51/6\$53.66/7\$55.81/8\$60.11											
DEMO: ADZEMAN						12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350
DEMO: BACKHOE/LOADER/HAMMER OPERATOR						12/01/2010	\$50.100	06/01/2011	\$51.100	12/01/2011	\$52.350
APPRENTICE: LABORER Demo Backhoe/Loader/Hammer Operator											
Ratio	Step	1	2	3	4						
1:5	%	60.00	70.00	80.00	90.00						
Apprentice wages shall be no less than the following:											
Step 1\$37.48/2\$40.64/3\$43.79/4\$46.95											
DEMO: BURNERS						12/01/2010	\$49.850	06/01/2011	\$50.850	12/01/2011	\$52.100
APPRENTICE: LABORER Demo Burners											
Ratio	Step	1	2	3	4						
1:5	%	60.00	70.00	80.00	90.00						
Apprentice Wages shall be no less than the following:											
Step 1\$37.33/2\$40.46/3\$43.59/4\$46.72											
DEMO: CONCRETE CUTTER/SAWYER						12/01/2010	\$50.100	06/01/2011	\$51.100	12/01/2011	\$52.350
DEMO: JACKHAMMER OPERATOR						12/01/2010	\$49.850	06/01/2011	\$50.850	12/01/2011	\$52.100
DEMO: WRECKING LABORER						12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350
APPRENTICE: LABORER Demo Wrecking Laborer											
Ratio	Step	1	2	3	4						
1:5	%	60.00	70.00	80.00	90.00						
Apprentice wages shall be no less than the following:											
Step 1\$36.88/2\$39.94/3\$42.99/4\$46.05											
DIRECTIONAL DRILL MACHINE OPERATOR						12/01/2010	\$60.630				
DIVER						08/01/2010	\$77.520	08/01/2011	\$80.270		

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

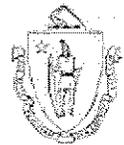
Classification	Effective Dates and Total Rates										
DIVER TENDER	08/01/2010	\$62.570	08/01/2011	\$65.320							
DIVER TENDER (EFFLUENT)	08/01/2010	\$81.250	08/01/2011	\$85.380							
DIVER/SLURRY (EFFLUENT)	08/01/2010	\$103.680	08/01/2011	\$107.800							
ELECTRICIAN	03/01/2011	\$68.290									
APPRENTICE: ELECTRICIAN - Local 103											
Ratio	Step	1	2	3	4	5	6	7	8	9	10
2:3***	%	40.00	40.00	45.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00
Apprentice wages shall be no less than the following Steps:						App Prior 1/1/03; 30/35/40/45/50/55/65/70/75/80					
1\$37.38/2\$37.38/3\$44.81/4\$44.81/5\$46.95/6\$49.08/7\$51.22/8\$53.35/9\$55.49/10\$57.62											
ELEVATOR CONSTRUCTOR	01/01/2011	\$66.690	01/01/2012	\$68.190							
APPRENTICE: ELEVATOR CONSTRUCTOR - Local 4											
Ratio	Step	1	2	3	4	5					
1:1	%	50.00	55.00	65.00	70.00	80.00					
Apprentice rates shall be no less than the following:						Steps 1-2 are 6 mos.; Steps 3-5 are 1 year					
Step 1\$34.26/2\$43.76/3\$48.86/4\$51.41/5\$56.50											
ELEVATOR CONSTRUCTOR HELPER	01/01/2011	\$52.830	01/01/2012	\$54.330							
FENCE & GUARD RAIL ERECTOR	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600					
FIELD ENG. - INST. PERSON (BLDG, SITE, HVY CONST)	05/01/2011	\$59.380									
FIELD ENG. - ROD PERSON (BLDG, SITE, HVY CONST)	05/01/2011	\$42.930									
FIELD ENG.-CHIEF OF PARTY (BLDG, SITE, HVY CONST)	05/01/2011	\$60.770									
FIRE ALARM INSTALLER	03/01/2011	\$68.290									
FIRE ALARM REPAIR / MAINTENANCE / COMMISSIONING	03/01/2011	\$56.300									
FIREMAN (ASST. ENGINEER)	12/01/2010	\$54.840									
FLAGGER & SIGNALER	12/01/2010	\$38.050	06/01/2011	\$39.050	12/01/2011	\$39.050					
FLOORCOVERER	03/01/2011	\$61.110	09/01/2011	\$62.360	03/01/2012	\$63.610					
APPRENTICE: FLOORCOVERER - Local 2168 Zone I											
Ratio	Step	1	2	3	4	5	6	7	8		
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00		
Apprentice rates shall be no less than the following:						Steps are 750 hrs.					
Step 1\$28.38/2\$30.17/3\$41.41/4\$43.20/5\$46.78/6\$48.57/7\$52.15/8\$53.95											
FORK LIFT/CHERRY PICKER	12/01/2010	\$60.980									
GENERATOR/LIGHTING PLANT/HEATERS	12/01/2010	\$49.690									
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)	01/01/2011	\$53.910	07/01/2011	\$54.910	01/01/2012	\$55.910					
	07/01/2012	\$56.910	01/01/2013	\$57.910							

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification

Effective Dates and Total Rates

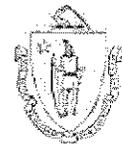
APPRENTICE: GLAZIER - Local 35 Zone 2										
Ratio	Step	1	2	3	4	5	6	7	8	
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00	
Apprentice wages shall be no less than the following:					Steps are 750 hrs.					
Step 1 \$24.06/2531.08/3832.71/4534.33/5844.16/6845.78/7847.41/8850.66										
HOISTING ENGINEER/CRANES/GRADALLS					12/01/2010	\$60.980				
APPRENTICE: HOIST/PORT. ENG. - Local 4										
Ratio	Step	1	2	3	4	5	6	7	8	
1:6	%	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	
Apprentice wages shall be no less than the following:										
Step 1 \$31.33/2845.47/3847.41/4849.35/5851.29/6853.22/7855.16/8857.10										
HVAC (DUCTWORK)					02/01/2011	\$65.170	08/01/2011	\$66.420	02/01/2012	\$67.670
					08/01/2012	\$68.920	02/01/2013	\$70.170		
HVAC (ELECTRICAL CONTROLS)					03/01/2011	\$68.290				
HVAC (TESTING AND BALANCING - AIR)					02/01/2011	\$65.170	08/01/2011	\$66.420	02/01/2012	\$67.670
					08/01/2012	\$68.920	02/01/2013	\$70.170		
HVAC (TESTING AND BALANCING - WATER)					09/01/2010	\$68.730				
HVAC MECHANIC					09/01/2010	\$68.730				
HYDRAULIC DRILLS					12/01/2010	\$49.850	06/01/2011	\$50.850	12/01/2011	\$52.100
INSULATOR (PIPES & TANKS)					09/01/2010	\$61.660				
APPRENTICE: ASBESTOS INSULATOR (Pipes & Tanks) - Local 6 Boston										
Ratio	Step	1	2	3	4					
1:4	%	50.00	60.00	70.00	80.00					
Apprentice wages shall be no less than the following:					Steps are 1 year					
Step 1 \$37.34/2842.20/3847.07/4851.93										
IRONWORKER/WELDER					03/16/2010	\$60.940				
APPRENTICE: IRONWORKER - Local 7 Boston										
Ratio	Step	1	2	3	4	5	6			
**	%	60.00	70.00	75.00	80.00	85.00	90.00			
Apprentice wages shall be no less than the following:					** Structural 1:6, Ornamental 1:4					
Step 1 \$46.82/2850.35/3852.12/4853.88/5855.65/6857.41										
JACKHAMMER & PAVING BREAKER OPERATOR					12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600
LABORER					12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350
APPRENTICE: LABORER - Zone 1										
Ratio	Step	1	2	3	4					
1:5	%	60.00	70.00	80.00	90.00					
Apprentice wages shall be no less than the following:										
Step 1 \$36.88/2839.94/3842.99/4846.05										
LABORER: CARPENTER TENDER					12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

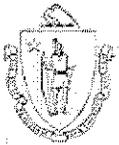
Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

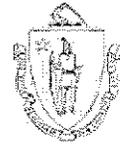
Classification	Effective Dates and Total Rates								
LABORER: CEMENT FINISHER TENDER	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
LABORER: MASON TENDER	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
LABORER: MULTI-TRADE TENDER	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
LABORER: TREE REMOVER	12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350			
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	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
MARBLE & TILE FINISHERS	03/01/2011	\$59.270	08/01/2011	\$60.950	02/01/2012	\$61.740			
APPRENTICE: MARBLE & TILE FINISHER - Local 3 Marble & Tile									
Ratio	Step	1	2	3	4	5			
1:3	%	50.00	60.00	70.00	80.00	90.00			
Apprentice wages shall be no less than the following:			Steps are 800 hrs.						
Step 1 \$41.98/2\$45.43/3\$48.89/4\$52.35/5\$55.81									
MARBLE MASONS, TILELAYERS & TERRAZZO MECH	03/01/2011	\$70.940	08/01/2011	\$73.040	02/01/2012	\$74.030			
APPRENTICE: MARBLE-TILE-TERRAZZO MECHANIC - Local 3 Marble & Tile									
Ratio	Step	1	2	3	4	5			
1:3	%	50.00	60.00	70.00	80.00	90.00			
Apprentice wages shall be no less than the following:									
Step 1 \$48.32/2\$52.84/3\$57.37/4\$61.89/5\$66.42									
MECH. SWEEPER OPERATOR (NON-CONSTRUCTION)	07/01/2010	\$29.590	07/01/2011	\$30.290					
MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/01/2010	\$60.630							
MECHANICS MAINTENANCE	12/01/2010	\$60.630							
MILLWRIGHT (Zone 1)	04/01/2011	\$57.850							
APPRENTICE: MILLWRIGHT - Local 1121 Zone 1									
Ratio	Step	1	2	3	4	5	6	7	8
1:5	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
Apprentice wages shall be no less than the following:									
Step 1 \$37.10/2\$38.77/3\$42.04/4\$43.72/5\$46.19/6\$47.87/7\$50.35/8\$50.02									
MORTAR MIXER	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600			
OILER (OTHER THAN TRUCK CRANES, GRADALLS)	12/01/2010	\$43.170							
OILER (TRUCK CRANES, GRADALLS)	12/01/2010	\$46.330							
OTHER POWER DRIVEN EQUIPMENT - CLASS II	12/01/2010	\$60.630							
PAINTER (BRIDGES/TANKS)	01/01/2011	\$64.410	07/01/2011	\$65.410	01/01/2012	\$66.410			
	07/01/2012	\$67.410	01/01/2013	\$68.410					

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification

Effective Dates and Total Rates

Classification	Ratio	Step	1	2	3	4	5	6	7	8	Effective Dates	Total Rates
APPRENTICE: PAINTER Local 35 - BRIDGES/TANKS												
	1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:						Steps are 750 hrs.						
Step 1 \$29.31/2\$36.86/3\$39.01/4\$41.16/5\$51.51/6\$53.66/7\$55.81/8\$60.11												
PAINTER (SPRAY OR SANDBLAST, NEW) *											01/01/2011	\$57.310
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.											07/01/2012	\$59.310
APPRENTICE: PAINTER Local 35 Zone 2 - Spray/Sandblast - New												
	1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:						Steps are 750 hrs.						
Step 1 \$24.76/2\$31.85/3\$33.55/4\$35.24/5\$45.14/6\$46.83/7\$48.53/8\$51.92												
PAINTER (SPRAY OR SANDBLAST, REPAINT)											01/01/2011	\$55.370
											07/01/2012	\$57.370
APPRENTICE: PAINTER Local 35 Zone 2 - Spray/Sandblast - Repaint												
	1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:						Steps are 750 hrs.						
Step 1 \$23.79/2\$30.78/3\$32.38/4\$33.98/5\$43.78/6\$45.38/7\$46.98/8\$50.17												
PAINTER (TRAFFIC MARKINGS)											12/01/2010	\$49.100
PAINTER / TAPER (BRUSH, NEW) *											01/01/2011	\$53.910
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.											07/01/2012	\$56.910
APPRENTICE: PAINTER - Local 35 Zone 2 - BRUSH NEW												
	1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:						Steps are 750 hrs.						
Step 1 \$24.06/2\$31.08/3\$32.71/4\$34.33/5\$44.16/6\$45.78/7\$47.41/8\$50.66												
PAINTER / TAPER (BRUSH, REPAINT)											01/01/2011	\$51.970
											07/01/2012	\$54.970
APPRENTICE: PAINTER Local 35 Zone 2 - BRUSH REPAINT												
	1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	90.00		
Apprentice wages shall be no less than the following:						Steps are 750 hrs.						
Step 1 \$23.09/2\$30.01/3\$31.54/4\$33.07/5\$42.80/6\$44.33/7\$45.86/8\$48.91												
PANEL & PICKUP TRUCKS DRIVER											12/01/2010	\$45.200
											12/01/2011	\$46.610
											12/01/2012	\$48.290
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)											08/01/2010	\$62.570
											08/01/2011	\$65.320

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

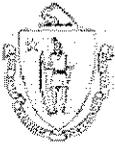
Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification	Effective Dates and Total Rates					
PILE DRIVER	08/01/2010	\$62.570	08/01/2011	\$65.320		
APPRENTICE: PILE DRIVER - Local 56 Zone 1						
Ratio Step	1	2	3	4	5	6
1:3 %	60.00	65.00	70.00	75.00	80.00	85.00
Apprentice wages shall be no less than the following:						
Step 1\$47.62/2\$49.49/3\$51.36/4\$53.23/5\$55.10/6\$56.96/7\$58.83/8\$60.70						
PIPEFITTER & STEAMFITTER	09/01/2010	\$68.730				
APPRENTICE: PIPEFITTER - Local 537						
Ratio Step	1	2	3	4	5	
** %	40.00	45.00	60.00	70.00	80.00	
Apprentice Rates-Step1\$33.44/2\$43.38/3\$50.29/4\$54.90/5\$59.51						
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)						
PIPELAYER	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600
PLUMBERS & GASFITTERS	03/01/2011	\$67.500	09/01/2011	\$68.250	03/01/2012	\$69.050
	09/01/2012	\$70.300	03/01/2013	\$71.550		
APPRENTICE: PLUMBER - Local 12						
Ratio Step	1	2	3	4	5	
** %	35.00	40.00	55.00	65.00	75.00	
Apprentice wages shall be no less than the following:						
Step 1\$30.01/2\$32.89/3\$41.54/4\$47.31/ 4w/lic\$50.20 /5\$53.09/ 5w/lic\$55.98						
PNEUMATIC CONTROLS (TEMP.)	09/01/2010	\$68.730				
PNEUMATIC DRILL/TOOL OPERATOR	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600
POWDERMAN & BLASTER	12/01/2010	\$50.100	06/01/2011	\$51.100	12/01/2011	\$52.350
POWER SHOVEL/DERRICK/TRENCHING MACHINE	12/01/2010	\$60.980				
PUMP OPERATOR (CONCRETE)	12/01/2010	\$60.980				
PUMP OPERATOR (DEWATERING, OTHER)	12/01/2010	\$49.690				
READY-MIX CONCRETE DRIVER	05/01/2011	\$41.690				
RECLAIMERS	12/01/2010	\$60.630				
RESIDENTIAL WOOD FRAME (All Other Work)	04/01/2011	\$48.420				
RESIDENTIAL WOOD FRAME CARPENTER **	04/01/2011	\$36.810				
** 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.						
As of 9/1/09 Carpentry work on wood-frame residential WEATHERIZATION projects shall be paid the RESIDENTIAL WOOD FRAME CARPENTER rate.						
APPRENTICE: CARPENTER (Residential Wood Frame) - Zone 2						
Ratio Step	1	2	3	4	5	6
1:5 %	60.00	60.00	65.00	70.00	75.00	80.00
Apprentice wages shall be no less than the following:						
Step 1\$20.88/2\$27.11/3\$28.33/4\$29.54/5\$30.75/6\$31.96/7\$33.17/8\$34.39						
RIDE-ON MOTORIZED BUGGY OPERATOR	12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

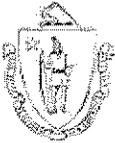
Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification	Effective Dates and Total Rates									
ROLLER/SPREADER/MULCHING MACHINE	12/01/2010	\$60.630								
ROOFER (Inc. Roofer Waterproofing & Roofer Dampproofg)	02/01/2011	\$54.860	08/01/2011	\$55.860	02/01/2012	\$56.860				
	08/01/2012	\$57.860	02/01/2013	\$58.860						
APPRENTICE: ROOFER - Local 33										
Ratio	Step	1	2	3	4	5				
**	%	50.00	60.00	65.00	75.00	85.00				
** 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 rates no less than: Step 1 \$30.41/2\$40.64/3\$42.41/4\$45.97/5\$49.53										
ROOFER SLATE / TILE / PRECAST CONCRETE	02/01/2011	\$55.110	08/01/2011	\$56.110	02/01/2012	\$57.110				
	08/01/2012	\$58.110	02/01/2013	\$59.110						
APPRENTICE: ROOFER (Slate/Tile/Precast Concrete) - Local 33										
Ratio	Step	1	2	3	4	5				
**	%	50.00	60.00	65.00	75.00	85.00				
Apprentices wages shall be paid no less than the following:										
Step 1 \$30.54/2\$40.79/3\$42.58/4\$46.16/5\$49.74										
SHEETMETAL WORKER	02/01/2011	\$65.170	08/01/2011	\$66.420	02/01/2012	\$67.670				
	08/01/2012	\$68.920	02/01/2013	\$70.170						
APPRENTICE: SHEET METAL WORKER - Local 17-A										
Ratio	Step	1	2	3	4	5	6	7		
1:4	%	40.00	45.00	50.00	60.00	65.00	75.00	85.00		
Apprentice wages shall be no less than the following:			Steps 1-3 are 1 year; Steps 4-7 are 6 mos.							
Step 1 \$28.86/2\$34.49/3\$37.38/4\$42.38/5\$45.01/6\$50.27/7\$55.03										
SIGN ERECTOR	06/01/2009	\$37.780								
APPRENTICE: SIGN ERECTOR - Local 35 Zone 2										
Ratio	Step	1	2	3	4	5	6	7	8	9
1:1	%	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00
Apprentice wages shall be no less than the following:			Steps are 4 mos.							
Step 1 \$19.48/2\$23.12/3\$24.36/4\$25.60/5\$30.34/6\$31.58/7\$32.82/8\$34.06/9\$35.30										
SPECIALIZED EARTH MOVING EQUIP < 35 TONS	12/01/2010	\$45.660	06/01/2011	\$46.060	08/01/2011	\$46.410				
	12/01/2011	\$47.070	06/01/2012	\$47.370	08/01/2012	\$47.720				
	12/01/2012	\$48.750								
SPECIALIZED EARTH MOVING EQUIP > 35 TONS	12/01/2010	\$45.950	06/01/2011	\$46.350	08/01/2011	\$46.700				
	12/01/2011	\$47.360	06/01/2012	\$47.660	08/01/2012	\$48.010				
	12/01/2012	\$49.040								
SPRINKLER FITTER	01/01/2011	\$70.550	09/01/2011	\$71.350	01/01/2012	\$71.500				
	03/01/2012	\$72.250	09/01/2012	\$73.250	01/01/2013	\$73.400				
	03/01/2013	\$74.400								

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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



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

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

IOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification

Effective Dates and Total Rates

Classification	Ratio	Step	1	2	3	4	5	6	7	8	9	10
APPRENTICE: SPRINKLER FITTER - Local 550	1:1	%	40.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00
Apprentice wages shall be no less than the following steps: 1\$36.20/2\$38.75/3\$41.30/4\$43.85/5\$46.40/6\$48.95/7\$51.50/8\$54.05/9\$56.60/10\$59.15												
STEAM BOILER OPERATOR							12/01/2010	\$60.630				
TAMPERS, SELF-PROPELLED OR TRACTOR DRAWN							12/01/2010	\$60.630				
TELECOMMUNICATION TECHNICIAN							03/01/2011	\$56.300				
APPRENTICE: TELECOMMUNICATION TECHNICIAN - Local 103	1:1	%	40.00	45.00	50.00	55.00	60.00	65.00	75.00	80.00		
Apprentice wages shall be no less than the following: Step 1\$37.09/2\$38.69/3\$40.30/4\$41.89/5\$43.49/6\$45.10/7\$48.30/8\$49.90												
TERRAZZO FINISHERS							03/01/2011	\$69.840	08/01/2011	\$71.940	02/01/2012	\$72.930
APPRENTICE: TERRAZZO FINISHER - Local 3 Marble & Tile	1:3	%	50.00	60.00	70.00	80.00	90.00					
Apprentice wages shall be no less than the following: Step 1\$47.77/2\$52.18/3\$56.60/4\$61.01/5\$65.43 Steps are 800 hrs.												
TEST BORING DRILLER							12/01/2010	\$50.500	06/01/2011	\$51.500	12/01/2011	\$52.750
TEST BORING DRILLER HELPER							12/01/2010	\$49.220	06/01/2011	\$50.220	12/01/2011	\$51.470
TEST BORING LABORER							12/01/2010	\$49.100	06/01/2011	\$50.100	12/01/2011	\$51.350
TRACTORS/PORTABLE STEAM GENERATORS							12/01/2010	\$60.630				
TRAILERS FOR EARTH MOVING EQUIPMENT							12/01/2010	\$46.240	06/01/2011	\$46.640	08/01/2011	\$46.990
							12/01/2011	\$47.650	06/01/2012	\$47.950	08/01/2012	\$48.300
							12/01/2012	\$49.490				
TUNNEL WORK - COMPRESSED AIR							12/01/2010	\$61.680	06/01/2011	\$62.930	12/01/2011	\$64.180
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE)							12/01/2010	\$63.680	06/01/2011	\$64.930	12/01/2011	\$66.180
TUNNEL WORK - FREE AIR							12/01/2010	\$53.750	06/01/2011	\$55.000	12/01/2011	\$56.250
TUNNEL WORK - FREE AIR (HAZ. WASTE)							12/01/2010	\$55.750	06/01/2011	\$57.000	12/01/2011	\$58.250
VAC-HAUL							12/01/2010	\$45.660	06/01/2011	\$46.060	08/01/2011	\$46.410
							12/01/2011	\$47.070	06/01/2012	\$47.370	08/01/2012	\$47.720
							12/01/2012	\$48.750				
WAGON DRILL OPERATOR							12/01/2010	\$49.350	06/01/2011	\$50.350	12/01/2011	\$51.600
WASTE WATER PUMP OPERATOR							12/01/2010	\$60.980				
WATER METER INSTALLER							03/01/2011	\$67.500	09/01/2011	\$68.250	03/01/2012	\$69.050
							09/01/2012	\$70.300	03/01/2013	\$71.550		

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.



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

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



JOANNE F. GOLDSTEIN
Secretary
HEATHER E. ROWE
Director

Prevailing Wage Rates

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

Awarding Authority: City of Quincy

Contract Number:

City/Town: QUINCY

Description of Work: Broad Meadows Middle School Roof Repair Works - Repairs to flashing in Masonry and at roof edges and the addition of one roof drain. Total Sq.Ft. approx. 3,500 sq. ft.

Job Location: 50 Calvin Road, Quincy, MA 02169

Classification

Effective Dates and Total Rates

Additional Apprentices 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. Apprentices 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.
- *** The job site ratio of 2 apprentices (APP) for every 3 journeymen (JM) is allowed as follows:
1 JM: 1 APP; 2-3 JM: 2 APP; 4-6 JM: 4 APP; 7-9 JM: 6 APP; 10-12 JM: 8 APP; 13-15 JM: 10 APP; etc.
- **** The job site ratio of 2 apprentices (APP) for every 3 journeymen (JM) is allowed as follows:

This wage schedule must be posted 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 minimum wage rates listed above, on public works projects is a violation of M.G.L. ch. 149, sec. 27. Employees not receiving such rates should report the violation to the Office of Fair Labor and Business Practices, 100 Cambridge Street, Boston, MA 02108; Tel: 617-727-3465.