

ADDENDUM NO. 5, MAY 7, 2009

RE: Ocean Avenue Elementary School City of Portland RFP No. 7109  
Portland, Maine BGS project No. 723  
A/E Comm. No. 3316.10

FROM: WBRC Architects-Engineers City of Portland, Purchasing Department  
141 Preble Street 389 Congress Street  
Portland, Maine 04101 Portland, Maine 04101  
Tel: (207) 828-4511 Tel: (207) 874-8654

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated April 02, 2009, as noted below. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of the following:

- Clarifications
- Addendum #2 Changes
- Addendum #3 Changes
- Specification Changes
- Section 2B-1
- ADD5-AE602-1
- ADD5-L-1-1 & ADD5-L-1-2

CLARIFICATIONS:

1. All references on the Civil and Landscape drawings to the term "Contractor" are to be changed to "Sitework Contractor" except at the following locations:
  - CS102, General Notes #2
  - CD101, General Notes #1 and #3
2. ***What is the size of the existing oil tank to be removed?*** 10,000 gallons
3. All unit prices are for work beyond the scope of the project as outlined on the drawings and specifications. See 012200 1.3A, and Section 312000 3.4 A.
4. Sheet M-501, Detail J5, fuel oil fill and vent pipe sizes shall be 2".

ADDENDUM #2 CHANGES:

5. Addendum #2, Item 21, Section 108000, Other Specialties, Par. 2.2.A, ADD the following: "or Model 2236 by Sportable Scoreboards."

ADDENDUM #3 CHANGES:

6. Addendum #3, Item 2, Section 2B-1, Proposal Form for General Contractors, DELETE in its entirety and REPLACE with the attached Section 2B-1.

SPECIFICATION CHANGES:

7. Section 013310, Additional Submittal Requirements:

- ADD Par. 1.4 as follows:

“1.4 SUBMITTAL REQUIREMENTS for ELECTRONIC SUBMITTALS

- A. Electronic submittals are acceptable for all documents 11”x17” size or less. For documents larger than 11”x17”, refer to Spec Section 013300 for hard copy submittals.
- B. Submittal samples are not acceptable; refer to Spec Section 013300 for submittal samples.
- C. Only one (1) Division per submittal will be accepted.
- D. Electronic submittals will consist of the following:
  - 1. GC Transmittal Letter with details of the submittal item(s)
    - a. Refer to Par. 1.1 and 1.2 of this Section for information to be included.
  - 2. Submit separate scanned files for each item.
  - 3. Each submittal item must have the GC review stamp embed in each submittal
    - a. Refer to Par. 1.2.A.1 and Par. 1.2.A.1.a for details.
- E. The GC shall submit electronic submittals to: submittals@wbrcac.com”

8. Section 093000 Tiling:

- Par. 2.2.E, ADD Subpar. 7 as follows:

“7. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining floor tile. Provide shapes as follows, selected from manufacturer's standard shapes:

- a. Base Cove: Cove, module size 3 by 12 inch.”

- Par. 2.4.B.1.a, DELETE the word “all” and REPLACE with “kitchen area, cafeteria and lobby”
- Par. 2.4.C.1.a, ADD “Blue 92 Anti-Fracture Membrane”
- Par. 2.4.C.1.b, ADD “Mapei Mapelastac Aquadefense”
- Par. 3.8.A.1, DELETE in its entirety and REPLACE with:

“1. Tile Installation F125A: Thin-set mortar on crack suppression membrane; TCAF125A.

- a. Tile type: Quarry tile at kitchen locations
  - 1) Thin-set mortar: Latex-portland cement mortar.
  - 2) Grout: Polymer-modified sanded grout.
  - 3) Crack suppression membrane: corrugated-polyethylene product.
- b. Tile type: Paver tile at lobby and cafeteria locations:
  - 1) Thin-set mortar: Latex-portland cement mortar.
  - 2) Grout: Polymer-modified unsanded grout.
  - 3) Crack suppression membrane: corrugated-polyethylene product.
- c. Tile type: unglazed ceramic tile:
  - 1) Thin-set mortar: Latex-portland cement mortar.
  - 2) Grout: Polymer-modified unsanded grout.
  - 3) Crack suppression membrane: fabric-reinforced, fluid applied membrane.”

- Par. 3.8.A.3, DELETE in its entirety

9. Section 260519, Low-Voltage Electrical Power Conductors & Cables, Par. 3.4.B, ADD Subpar. 1 as follows: “1. Use an antioxidant chemical or compound approved by the electrical inspector in each splice and tap conductor for aluminum conductors.”
10. Section 271300, Communications Backbone Cabling, DELETE Par. 2.2.B.3.a in its entirety, and REPLACE with “a. Plenum Rated, Nonconductive: Type OFNP, complying with NFPA 262.”
11. Section 271500, Communications Horizontal Cabling:
- Par. 2.1.B.4.a, DELETE in its entirety, and REPLACE with “a. Communications, Plenum Rated: Type CMP or MPP, complying with NFPA 262.”
  - Par. 2.3.B, DELETE in its entirety, and REPLACE with:
    - “B. RG59/U (Plenum Rated): NFPA 70, Type CMP.
      1. No. 18 AWG, solid, copper-covered steel conductor; foam fluorinated ethylene propylene insulation.
      2. Double shielded with 100 percent aluminum-foil shield and 65 percent aluminum braid.
      3. Copolymer jacket.”
  - Par. 2.3.C.1, DELETE in its entirety, and REPLACE with “1. CATV Plenum Rated: Type CATVP, complying with NFPA 262.”
  - Par. 2.5.B, DELETE “two-port-connector assemblies” and REPLACE with “single- or multi-port-connector assemblies, as noted.”
12. Section 281300, Access Control, DELETE Par. 2.13.B in its entirety, and REPLACE with:
- “B. Plenum-Type, TIA 485-A Cables:
1. Two pairs, No. 22 AWG, stranded (7x30) tinned copper conductors, fluorinated-ethylene-propylene insulation, unshielded, and fluorinated-ethylene-propylene jacket.
  2. NFPA 70, Type CMP.
  3. Flame Resistance: NFPA 262 flame test.”
13. Section 283111, Digital, Addressable Fire-Alarm System, Par. 2.1.A, DELETE “to match the Portland School District’s fire alarm systems,” and REPLACE with “or comparable products by Faraday; Siemens Building Technologies, Inc.”
14. Section 312000 Earth Moving:
- Add 2.4 Rigid Insulation as follows:
    - “2.4 Rigid Insulation
      - A. Recycled Content: Provide extruded polystyrene insulation with recycled content so postconsumer recycled content plus one-half of preconsumer recycled content is not less than 30 percent.
      - B. Rigid Insulation: Extruded-Polystyrene Board Insulation; ASTM C 578, of type and density indicated below, with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively:
        1. Available Products:
          - a. Foamular 250; Owens Corning.
          - b. Styrofoam by Dow Chemical Co. (available from Conn. Plant)
          - c. Amofoam-CM by Tenneco Building Products
        2. Type IV, 1.60 lb/cu. ft., unless otherwise indicated.
        3. R-Value: 5 per inch.
        4. Application:
          - a. Rigid insulation below concrete slab-on-grade.”

- 3.12.C, ADD sentence as follows: “Granular fill shall be used under pavements as subgrade fill to the bottom of the subbase.”
- 3.22.A, Clarification, Any satisfactory soil not used in the project that the owner wants stored shall be stored on the school site in a location to be determined by the owner.

DRAWING CHANGES:

15. Sheet L-1, Planting Plan and Schedule, REVISE portions as indicated on Sketches ADD5-L-1-1 and ADD5-L-1-2.
16. Sheet L-2, Landscape Details:
  - Permeable Precast Concrete Unit Paver” Detail – REVISE Note 1 to read as follows:  
**PERMEABLE PAVERS SHALL BE THE ECO-STONE AS MANUFACTURED BY IDEAL CONCRETE BLOCK COMPANY OF WALTHAM, MA (781) 894-3200 OR APPROVED EQUAL. PAVERS TO BE OCTAGONAL (8 SIDED), 8000 PSI, HAVE A VOID SPACE PER SQUARE FOOT OF 12% TO 14%, A MAXIMUM WATER ABSORPTION OF 5%, MEET OR EXCEED FREEZE THAW TESTING PER SECTION 8 OF ASTM C-67, 3-1/8” THICK, GRAY IN COLOR.**
17. Sheet AE601, Door and Frame Schedule and Types:
  - REVISE the “Door and Frame Schedule” listed frame finish at Café 103 doors 103A, 103B, and Main Office 122 door 122A to be painted frames with similar head detail references to F1/AE507 and similar jamb detail references to N1/AE506.
  - Add general notes #7 and #8 as follows:
    - “7. ALL INTERIOR DOORS AND CONNECTING OR ADJACENT FRAMES ARE TO HAVE TEMPERED GLAZING, UNLESS NOTED OTHERWISE
    8. ALL EXTERIOR DOORS AND CONNECTING OR ADJACENT FRAMES ARE TO HAVE 1" INSULATED TEMPERED GLAZING, UNLESS NOTED OTHERWISE”
18. Sheet AE602, Door Frame and Window Types, REVISE portions as indicated on Sketch ADDAE602-1.
19. Sheet E-001, Electrical Legend & Light Fixture Schedule, REVISE Catalog number of Light Fixture Type H to be “RO4-132-EPU.”

END OF ADDENDUM

SECTION 2-B-1  
 PROPOSAL FORM FOR GENERAL CONTRACTORS  
 (PUBLIC SCHOOL PROJECTS)

BIDDER: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TO: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

A. Having carefully examined the form of contract, general conditions, special provisions and plans and specifications dated \_\_\_\_\_, Prepared by \_\_\_\_\_ architect/engineer For \_\_\_\_\_ as well as the premises and conditions affecting the work, we the undersigned propose to furnish all labor, equipment, and materials necessary for and reasonably incidental to the construction and completion of this proposal for the amount of:

\$ \_\_\_\_\_

The above amount includes the following allowances: Refer to Section 012100

Allowance Item No. 1: Interior Signs	\$ <u>15,000</u>
Allowance Item No. 2: Excess Electrical Utility Allowance	\$ <u>25,000</u>

B. Alternate prices as follows: Refer to Section 012300

Alternate No. 1: City Sewer Connection	Add	\$ _____
Alternate No. 2: Bleachers	Add	\$ _____
Alternate No. 3: Stage Curtains	Add	\$ _____
Alternate No. 4: Anti Graffiti Protection	Add	\$ _____
Alternate No. 5: Upgraded State Lighting	Add	\$ _____
Alternate No. 6: Not Used	Add	\$ _____
Alternate No. 7: Sun Shades	Add	\$ _____
Alternate No. 8: Stainless Steel Door Frames	Add	\$ _____

C. Unit Price Items: The undersigned agrees to perform additional work as ordered, or to allow for work ordered omitted, at the following prices which shall not vary by more than 10% and Deduct unit price shall be at least 90% of the add unit price: Refer to Section 012200

		Unit Price Item Additional <u>Per Cu. Yd.</u>	Unit Price Cost Omitted <u>Per Cu. Yd.</u>
1)	Excavation and Removal	\$ _____	\$ _____
2)	Excavation and Backfill (open)	\$ _____	\$ _____
3)	Excavation and Backfill (trench)	\$ _____	\$ _____
4)	Rock Excavation and Removal (open)	\$ _____	\$ _____

5)	Rock Excavation and Removal (trench)	\$ _____	\$ _____
6)	Granular Borrow Fill	\$ _____	\$ _____
7)	Gravel Base	\$ _____	\$ _____
8)	Gravel Subbase	\$ _____	\$ _____
9)	Bio-Retention Bed Underdrain Material	\$ _____	\$ _____
10)	Bituminous Pavement HMA 12.5 mm (per ton)	\$ _____	\$ _____
11)	Bituminous Pavement HMA 19.0 mm (per ton)	\$ _____	\$ _____
12)	4" perforated Type B Underdrain (Lin. Ft.)	\$ _____	\$ _____
13)	12" corrugated Polyethylene pipe (Lin. Ft.)	\$ _____	\$ _____
14)	Impervious Pond Liner (Sq. Ft.)	\$ _____	\$ _____

C. This proposal includes the following addenda to the plans and specifications:

Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_  
 Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_  
 Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_

D. Filed subcontract proposals as follows: (List those trades required, but do not combine trades except as called for)

<u>Trade</u>	<u>Name of Subcontractor</u>	<u>Amount</u>
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

The undersigned agrees that each of the above named subcontractors represents a bonafied SUBPROPOSAL based on the plans and specifications and will be used for the work indicated at the amount stated, unless a substitution is made by mutual agreement as provided for in section 1, paragraph 6, "Instructions to Bidders". In the event alternate prices are requested and various trades are involved, the general contractor may use properly filed subproposals even though a change in subcontractors from those carried in his base proposal may occur. If he does use different subcontractors because of alternates, he shall use supplemental sheets attached to the proposal form (2-B1) to indicate such changes.

E. The undersigned agrees, if this proposal is accepted, to sign a contract and deliver it, along with the bonds and affidavits of all insurance specified within twelve (12) calendar days after the date of notification of such acceptance, except if the 12th day falls on a holiday, a Saturday or Sunday, then the conditions will be fulfilled if the required documents are received before 12 o'clock noon on the day following the holiday, or the Monday following the Saturday or Sunday, and as a guarantee thereof, herewith submits a certified or cashier's check or bid bond as required.

The undersigned agrees, if awarded the contract, to complete the work on or before \_\_\_\_\_.

This proposal includes the cost of a 100% performance bond and a 100% payment bond.

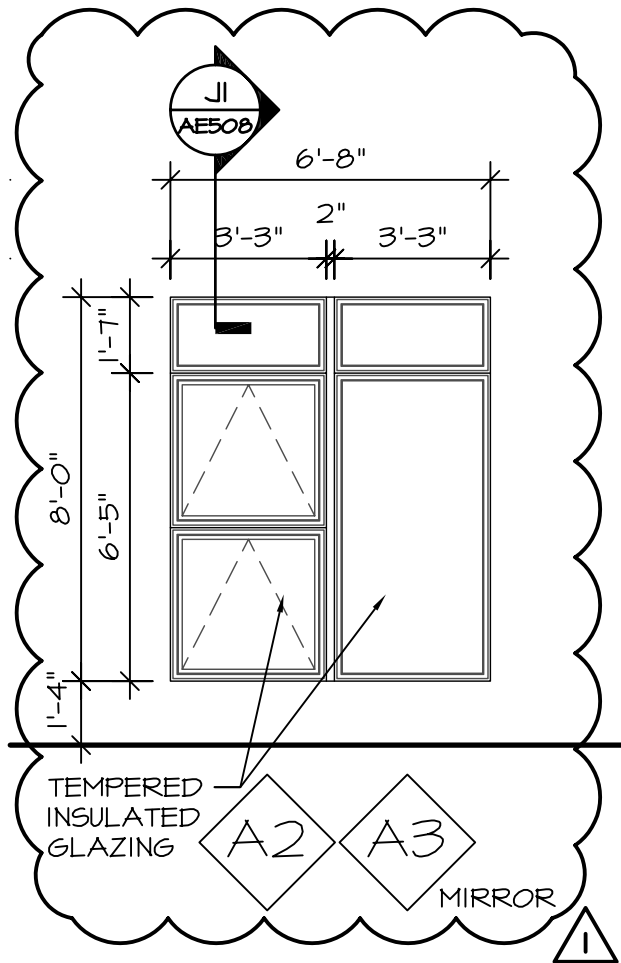
Signed \_\_\_\_\_

By \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

NOTE: If bidder is a corporation, write State of incorporation, and if a partnership, give full names of all partners.



<b>JI</b>	<b>METAL CLAD WINDOW TYPES</b>
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1/4" = 1'-0"	--
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# WBRC

ARCHITECTS • ENGINEERS

BANGOR, MAINE  
207-947-4311

PORTLAND, MAINE  
207-828-4311

SARASOTA, FLORIDA  
941-556-0757

[WWW.WBRCAECOM](http://WWW.WBRCAECOM)

OCEAN AVENUE ELEMENTARY SCHOOL

PROJECT:

ADDENDUM 5  
GLAZING REVISION

SHEET TITLE:

SCALE:	AS NOTED
WBRC CAD FILE:	AE602
PROJECT No.	3316.10
JOB CAP/DRAW:	JLS
PM:	MEJ
CHECKED BY:	MEJ
DATE:	05.07.09
SHEET No. ADD5-AE602-1	
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PLANT LIST - STORMWATER AREAS:

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	COMMENTS
<b>DECIDUOUS TREES</b>					
AR	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	6	3" CAL.	SINGLE LEADER, B&B
BA	BETULA ALLEGHANIENSIS	YELLOW BIRCH	7	2" CAL.	SINGLE LEADER, B&B
BNH	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	1	14-16' HT..	CLUMP, B&B
CC	CARPINUS CAROLINIANA	MUSCLEWOOD	6	1 1/2" CAL.	SINGLE LEADER, B&B
TA	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN	1	3" CAL.	SINGLE LEADER, B&B
<b>SHRUBS, GROUNDCOVERS &amp; HERBACEOUS MATERIALS</b>					
CXA	CALAMAGROSTIS A. KARL FOERSTER'	FEATHER REED GRASS	29	1 GAL.	-
JUN	JUNIPERUS CHINENSIS 'PFTZERIANA GRACIA'	BLUE PINE JUNIPER	35	5 GAL.	FULL & BUSHY
OR	OSMUNDA REGALIS	ROYAL FERN	5,930	1 GAL.	12" STAGGERED SPACING
OS	ONOCLEA SENSIBILIS	SENSITIVE FERN	700	1 GAL.	12" STAGGERED SPACING
EVN	PENNISETUM ALOPECUROIDES 'MOUDRY'	MOUDRY FOUNTAIN GRASS	1,409	PLUGS	4" STAGGERED SPACING
PAP	PYRALIS ARUNDINACEA 'NICTA'	PYRA RIBBON GRASS	3,278	PLUGS	4" STAGGERED SPACING
PN	PTERETIS NODULOSA	OSTRICH FERN	3,470	1 GAL.	12" STAGGERED SPACING
SVS	SCHIZANTHUS 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	3,400	PLUGS	9" STAGGERED SPACING

2

2

- SEE CIVIL STORMWATER DETAILS FOR TREE PLANTING MOUNDS ASSOCIATED WITH TREE INSTALLATION IN BIO-RETENTION BEDS.

- PLANTS INSTALLED IN BIO-RETENTION AREAS SHALL BE PLANTED IN THE BIO-RETENTION SOILS NOT WITH THE PREPARED PLANTING SOIL MIX AS SHOWN ON L-2.

PLEASE REFER TO LANDSCAPE NOTE 3.

ADDENDUM 4 NOTE:  
PLANT LIST REVISED TO REFLECT PLANTS SHOWN GRAPHICALLY ON THE PLAN.



BANGOR, MAINE  
207-947-4511  
PORTLAND, MAINE  
207-828-4511  
SARASOTA, FLORIDA  
941-556-0757  
WWW.WBRCAE.COM

SCALE:	N.T.S.
WBRC CAD FILE:	
PROJECT No.	3316.10
JOB CAP/DRAW:	PBB
PM:	MEJ
CHECKED BY:	PBB
DATE:	5/05/09
SHEET No.	ADD5 - L-1-2

PROJECT: OCEAN AVENUE ELEMENTARY SCHOOL  
ADDENDUM #5  
SHEET TITLE: CLARIFICATION-PLANT LIST (STORMWATER AREAS)