

ADDENDUM NO. 1  
TO  
CONTRACT DRAWINGS AND SPECIFICATIONS

July 27, 2007

MAINE TURNPIKE AUTHORITY  
ADMINISTRATIVE BUILDING  
CONTRACT NO. 2007.07

A/E PROJECT NO. 06016

The specifications and drawings are amended herein. This addendum consists of 7 pages of written text. These items replace original items previously issued or are to be added to the Bidding and Construction Documents as indicated.

Bidders are required to acknowledge receipt of this addendum on the BID FORM in the space provided. Failure to acknowledge all addenda may cause the bid to be considered not responsive to the invitation, which would require rejection of the Bid.

The Contract Documents for solicitation of Bids for the construction are hereby changed as follows:

**PART I – PERTAINING TO THE SPECIFICATIONS:**

1. Supplemental General Conditions:
  - a. 4.4.5: Renumber to 4.4.2.
  - b. 4.4.6: Renumber to 4.4.3.
  - c. 4.4.7: Renumber to 4.4.4.
  - d. 4.4.8: Renumber to 4.4.5.
  - e. 4.5.1: After the second sentence delete all text and replace with the following:  
“Such Controversies or claims upon which the Architect has given notice and rendered a decision as provided in Subparagraph 4.4.1 shall be subject to arbitration after completing the Alternative Dispute Resolution process identified above in 4.4.2, 4.4.3, 4.4.4, and 4.4.5, and upon mutual written consent of both parties.”
  - f. 4.5.4: After the first sentence delete all text and replace with the following:  
“When Arbitration may be requested. Request for arbitration of any claim may not be made until after the date on which the findings of Final ADR – Non-Binding Mediation have been published by the Mediator.”
  - g. Insert the following 11.3.7:  
11.3.7: Delete the following from the end of the last sentence:  
“...held by the Owner as fiduciary.”
  - h. Insert the following 13.6.1:  
13.6.1: Delete 13.6.1 in its entirety, and replace with the following:  
“13.6.1: Payments due and unpaid under the Contract Documents shall bear no interest.”

2. Section 01770 – Closeout Procedures:
  - a. Revise the first sentence of 1.6, B., to read: “Maintain and submit two sets of blue- or black-line white prints...”
  - b. Revise the first sentence of 1.6, C., to read: “Submit two copies of project specifications,”
  - c. Revise the first two sentences of 1.6, D., to read: “Submit two copies of each product data submittal. Mark both sets...”
  - d. Revise the first sentence of 1.7, A. to read: “Assemble two complete sets of operation and maintenance data...”
  
3. Section 02530 – Sanitary Sewerage:
  - a. Revise 2.04, C., 1., a., 1. to read:  
“Invert Slope: 2.5 percent through manhole.”
  - b. Delete 2.04, C., 1., b.
  - c. Delete 2.04, C., 2., b.
  
4. Section 02630 – Storm Drainage:
  - a. Delete 1.05, A., Item #6 Security bolts for catch basins.
  - b. Revise the end of the first sentence in 2.03, C. to read:  
“...designed for H2O wheel loading, and in conformance with MaineDOT specifications for standard type A, B, and F catch basins and tops.”
  - c. Add after the last sentence in 2.03, C.:  
Use Neenah Beehive grate and frame #R2560-D in unpaved areas.
  - d. Add 2.03, D. as follows:  
D. Special Drain Grates and Frames: Drain grates and frames in terrace areas adjacent to building are to be 25-inch round “Star” series by Urban Accessories, Inc., Tacoma, Washington (tel. 877-487-0488). Grates to be cast iron conforming to ASTM A48 Class 35b or better. Frames to be welded steel in sizes shown. Full frame assemblies to be hot-dip galvanized after fabrication.
  - e. Revise 2.04, C., 1., a., 1. to read :  
“Invert Slope: 2.5 percent through manhole.”
  - f. Delete 2.04, C., 1., a., 2. and 3.
  - g. Delete 2.04, C., 1., b., 2.
  
5. Section 02800 – Site Improvements:
  - a. Add Item 10 to 1.2, A. as follows:  
10. Pedestrian signal at Hutchins Drive and Congress Street.
  - b. Add Item 2 to 1.3, C. as follows:  
2. Pedestrian signal pole and heads.
  - c. Add Item 11 to 2.1, A. as follows:  
11. Pedestrian signal: Precast concrete pedestrian pole foundations (3), pedestrian signal poles (3), pedestrian signal heads with LED indications – count down (4), pedestrian buttons and signs (4), and all associated concrete junction boxes, conduit, and wire and accessories as may be required for a fully functional pedestrian signal system. All materials and products shall conform to the latest version of MUTCD, MaineDOT Standard Specifications, and the City of Portland Standards.
  - d. Add Item B. to 3.1 as follows:  
B. Install pedestrian signals as per specified standards. The pedestrian signal shall be installed on the westerly leg of Congress Street, and crossing Hutchins

Drive. The pedestrian signal poles shall be field located and the Contractor shall coordinate with the City of Portland Traffic division for final location approval. The Contractor will be responsible for modification to the signal controller, and a description of the proposed modifications to the controller shall be submitted to the City of Portland Traffic division by the Contractor for approval prior to the commencement of work.

6. 04200 - Unit Masonry:
  - a. Add Item #5 to 1.2, B:
    5. Division 07 Section "Flashing and Trim" for formed wall sheet metal fabrications.
  
7. Section 061600 – Sheathing:
  - a. Add 3.2, A, Item #4 to read:
    4. Install boards butt tight typically, unless noted otherwise above.
  - b. Add 3.2, A, Item #5 to read:
    5. Repair damaged sheathing panels including but not limited to bent corners, punctures and torn facings, patch oversize gaps and openings at penetrations, and leave sheathing in an acceptable condition to receive fluid-applied membrane air barrier.
  - c. Delete subparagraph 3.3.
  
8. Section 07146 - Cold Fluid-Applied Waterproofing:
  - a. Revise 3.5, D., 1 to read:

Apply one or more coats of waterproofing to obtain seamless membrane free of entrapped gases, with a minimum dry film thickness of 60 mils (1.5mm).
  
9. 072726 - Fluid-Applied Membrane Air Barriers:
  - a. Delete 1.4, B.
  - b. Add Item #3 to 1.6, C:
    3. Verify that sheathing joints are built to tolerances described in Section 061600, that any damage to the sheathing has been repaired, and that sheathing surface is acceptable for application of the membrane air barrier.
  - c. Revise 2.1, A., 2. to read:
    - a. Membrane Air Permeance: Maximum of 0.0004 cfm/sq. ft. of surface area at 1.57-lb./sq. ft. (D.002 L/sqim at 75 Pa) pressure diffusers; ASTM E2178.
    - b. Assembly Air Permeance: Maximum of 0.0008 cfm/sq. ft. of surface area at 1.57-lb./sq. ft. (0.004 L per second per sq. m. at 75 Pa) pressure difference; ASTM E 2357.
    - c. Membrane Water Vapor Transmission: Minimum of 11 perms; ASTM E96-method B.
  - d. Revise 2.2, C. to read:

C. Flexible Membrane Wall Flashing: 40 mil (1mm) total thickness, self-adhesive, cold applied tape consisting of 32 mils (0.8mm) of rubberized asphalt integrally bonded to 8 mil (0.2mm) high density, cross laminated polyethylene film.

    1. Products: Subject to the requirements, provide the following:
      - a. Grace Perm-A-Barrier Wall Flashing
  - e. Revise 2.2, D. to read:

D. Substrate Penetrations Patching: Grace Perm-A-Barrier Detail Membrane.
  - f. Revise 3.2, C to read:

C. At changes in substrate plane, apply sealant or termination strip of Grace Bituthene Liquid Membrane at sharp corners and edges to form a smooth transition from one plane to another.

10. Section 076200 - Flashing and Trim:

- a. Add Item #6 to 1.2, B.:  
6. Division 04 Section "Unit Masonry" for installing through wall flashing in masonry.

11. Section 088000 – Glazing:

- a. Delete Item 2.6, B. 1 and replace with the following:
  - 1. Products: PPG
    - a. Solarbronze
- b. Add Item 2.6, C. as follows:
  - C. Solar-Control Low-E Glass:
    - 1. Products: PPG
      - a. Solarban 60
    - 2. Thickness: 6.0 mm
- c. Delete "WG<#>" from the first sentence in 2.7, A.
- d. Revise 2.9, A., 2. to read:
  - 2. Interspace content: 10% air, 90% argon.
- e. Revise 2.9, A., 4. to read:
  - 4. Indoor Lite: SolarControl Low-E Glass.

12. 096519 – Resilient Tile Flooring:

- a. Add 2.3 as follows:
  - 2.3 RUBBER FLOOR TILE
    - A. Products: Subject to compliance with requirements, provide products by one of the following:
      - i. Burke Mercer Flooring Products; Division of Burke Industries, Inc.
      - ii. Endura Rubber Flooring; Division of Burke Industries, Inc.
      - iii. Flexco, Inc.
      - iv. Johnsonite.
      - v. Mondo Rubber International, Inc.
      - vi. Musson, R. C. Rubber Co.
      - vii. Nora Rubber Flooring; Freudenberg Building Systems, Inc.
      - viii. Roppe corporation, USA.
    - B. Tile Standard: ASTM F 1344, Class I-A, homogeneous rubber tile, solid color.
    - C. Basis of Design: Johnsonite, FGTSP-712, Hammered Finish, Color – Curry.
    - D. Thickness: 0.125 inch.
    - E. Size: 24 x 24 inches.

**PART II – PERTAINING TO THE DRAWINGS:**

1. CU101 – UTILITIES PLAN:

- a. Revise drainage structures and piping schedules as shown in the following tables:

**Catch Basins and Manholes**

	Rim Elevation	Type
B-CB1	92.00	F-6
B-CB2	91.80	F-5
B-CB3	91.90	F-3
B-CB4	104.90	B1-C
B-CB5	104.90	F-5
CB1	89.00	60" Flat Top B1-C
CB2	91.50	60" Flat Top B1-C
CB3	92.50	60" Flat Top B1-C
CB4	97.50	60" Flat Top B1-C
CB5	100.75	Flat Top B1-C
CB6	102.75	B1-C
CB7	103.50	F-5
CB8	96.50	F-4
CB9	91.75	F-5
CB10	95.50	B1-C
CB11	100.50	B1-C
CB12	77.00	REBUILD EX. CB
CB13	88.50	B1-C
MH1	93.70	MANHOLE

**Storm Drain Pipes**

Pipe	Size	Length (ft.)	Inv. In	Inv. Out	Slope %
SD1	24"	104.20	84.00	83.50	0.48%
SD2	24"	134.60	86.35	84.25	1.56%
SD3	24"	66.00	87.00	86.50	0.76%
SD4	24"	152.00	92.00	87.50	2.96%
SD5	18"	143.50	96.50	92.25	2.96%
SD6	15"	77.80	98.75	96.75	2.57%
SD7	12"	113.60	87.50	85.25	2.00%
SD8	12"	60.50	99.50	98.50	1.65%
SD9	18"	70.00	92.50	89.00	5.00%
SD10	12"	38.00	87.75	86.50	3.29%
SD11	15"	25.00	90.50	87.50	12.00%
SD12	15"	20.00	95.50	93.00	12.50%
SD13	15"	28.00	73.28	73.00	1.00%
SD14	18"	54.00	80.30	79.00	2.41%
SD15	18"	36.00	83.30	82.00	3.61%
BSD1	12"	157.00	85.70	84.00	1.08%
BSD2	12"	66.00	87.00	86.00	1.52%
BSD3	12"	58.00	100.90	100.60	0.52%
BSD4	12"	88.00	97.50	92.22	6.00%
BSD5	12"	78.00	89.90	88.50	1.79%
BSD6	12"	18.00	87.80	86.65	6.39%
BSD7	6"	145.00	84.50	83.50	0.70%

**Culverts**

Pipe	Size	Length (ft.)	Inv. In	Inv. Out	Slope %
C1	18"	68.00	88.00	84.00	5.88%
C2	18"	20.00	98.50	98.00	2.50%
C3	18"	24.00	94.50	91.00	14.58%
C4	18"	55.00	91.00	88.50	4.55%
C5	24"	40.00	88.25	87.00	3.13%

- b. MH1 described on the plan near the northerly corner of the building between BSD1 and BSD2 has been changed to CB13, with rim elevation and structure type as noted in the table above.

2. AE101, AE102 & AE103 – FIRST, SECOND & THIRD FLOOR PLANS:

- a. Revise the wall tags at the north walls in Stair 104, 204 & 304, and in Stair 105, 205 & 305 from type S12 to type S13, thereby adding a finish layer of 5/8" gypsum wall board.
- b. Revise the north to south clear dimension within Stair 104, 204 & 304, and in Stair 105, 205 & 305 from 19' – 11-1/8" to 19' – 10-1/2".

**PART III– GENERAL INFORMATION RELATING TO THE PROJECT:**

These items provide supplemental information to the Contract.

Question 1: "What size is the radiant floor piping from the manifolds to the thermal mass?"

Response: The size of radiant floor piping is one-half inch nominal inside diameter as specified in Section 15774, 2.1, E.

Question 2: "Section 02300, 1.3, B. states that rock excavation to be paid at unit prices. Is this the case? If so, what quantity of rock will be used to determine low bid?"

Response: Unit prices, and a description of the method for measuring rock removed under unit prices, are included in the Bid Form and specified Division 2 for the sole purpose of establishing in the Contract the price and method of measure to be used in the event the scope of the work changes in a manner that would change the amount of rock excavation work included in the Contract Sum. The intent of the bidding documents is for all rock removal required to complete the scope of work described in the documents to be included in the lump sum bid.

Question 3: "I could not locate any information on a pre-bid meeting in the contract documents. Has a date, time and location been determined?"

Response: The bidding documents contain no provision for a pre-bid meeting, and no meeting is planned.

Question 4: "Will matching rubber tile be used on the landings in the stairwells?"

Response: "Yes, it is the intent of the documents to use rubber floor tile on landings that matches the stair accessories. Reference Section 096519 above.

Question 5: "There are specifications for sheet carpet and carpet tile, but the finish schedule does not indicate which will be used. Please clarify."

Response: Please reference drawings AF101 through AF103. CPT-1 designates carpet tile, and CPT-2 designates sheet carpeting.

Question 6: "Should the ceramic base match the floor tile or the wall tile material?"

Response: The ceramic base is to match the wall tile as elevated on AE220, with base tile matching adjoining wall tile as specified in 093000, 2.3, D., 1.

Question 7: "The finish schedule calls for ceramic wall tile on all walls, but the interior elevations only show it on the wet walls. What is the extent of the wall tile?"

Response: The extent of wall tile includes all walls as described on the finish schedule. The fixture head walls are elevated for coordination purposes.

**END OF ADDENDUM No.1**