ADDENDUM #2

April 18, 2008

Re: HACC, Central Pennsylvania’s Community College
Gettysburg Expansion Project
HACC Solicitation #08-18

From: Eastern pcm, LLC
Construction Manager – HACC
212 Locust Street, Suite 604
Harrisburg, PA 17101

To: All Plan Holders

This Addendum is hereby made part of the Contract Documents for the above referenced project. The provisions of this Addendum are intended to supplement the provisions of the Contract Documents and/or supersede them where contradictory thereto.

This Addendum contains changes to the requirements of the Contract Documents. Such changes shall be incorporated into the Contract Documents and shall apply to work with the same meaning and force as if they had been included in the original Contract Documents. Where this Addendum modifies a portion of a paragraph or phrase of the Project Manual, the remaining unmodified portion of the paragraph or phrase shall remain in force.

The conditions and terms of the Project Manual shall govern work described in this Addendum. Whenever the conditions of work, or the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work etc. included in the Project Manual for similar items of work shall apply to the work described in this Addendum. If no similar items of work are included in the Project Manual, the quality of material and workmanship shall be subject to the written acceptance of the Architect.

Item 2.1 DRAWINGS

A. Drawing C-100 Existing Conditions and Demolition Plan

Add General Note: Remove existing pavement and base to existing sub-grade, or to adequate depth below proposed finished grade, to accommodate minimum 6” topsoil or planting soil mix placement.

B. Drawing C-101 Site Plan

Change spot elevation outside of new south vestibule (Room Number 176) to read “Elev. 390.24.”
Change Note to read “new transformer w/ gravel moat. See detail 3/E-802.”
Delete note in rear parking area “1-1/2” Hot Mix Asphalt Overlay”
Delete the word “Groundcover” from the last Legend item and add the following:
“Following geothermal well and piping installation, the area will be backfilled and compacted and resurfaced with hot mix asphalt paving per detail 14 sheet C-501. Contractor to coordinate access and staging areas with the college operations personnel.”
C. **Sheet L-101 Planting Plan**

   **Change** planting as shown on attached drawing L-101.1

D. **Sheet C-501 Site Details, Sketch C-501.1 attached.**

   **Change** detail 13 on sheet C-501 as shown.

E. **Drawing F-101 Partial Foundation Plan Sheet 1 & Structural Notes & Abbreviations**

   **Delete** Steel Note #1.

F. **Drawing S-101 Partial Framing Plan Sheet 1**

   **Add** duct opening framing as shown on attached drawing S-101.2.

G. **Drawing S-102 Partial Framing Plan Sheet 2**

   **Add** duct opening framing as shown on attached drawing S-102.3.
   **Add** duct opening framing as shown on attached drawing S-102.4.
   **Add** duct opening framing as shown on attached drawing S-102.5.

H. **Sheet M-101 Partial First Floor Plan – HVAC**

   “Air Valves” are utilized in this area. See schedule for outlet sizes of “Air Valves”.
   Ductwork located directly after the “Air Valve” outlet shall be sized as follows:

   “AV” – 6”Φ
   “BV” – 8”Φ
   “CV” – 12”Φ

   Where “Air Valves” are connected directly to diffusers, the duct size shall be the size of the diffuser neck.

I. **Sheet M-304 Well Field Schematic Layout**

   Delete this drawing in its entirety and insert new drawing M-304 attached.

J. **Sheets M-401 & M402 Mechanical Schedules**

   1. Refer to drawing M401.1 attached.

   2. Extend “Energy Recovery Unit Schedule (Continued) on drawing M-401 as shown on Drawing M401.1 attached.

   3. Delete “Geothermal Water Pump Schedule” on Drawing M-402 and add new “Geothermal Water Pump Schedule” as shown on Drawing M401.1 attached.

   4. Delete “Expansion Tank Schedule” on Drawing M-402 and add new “Expansion Tank Schedule” as shown on Drawing M401.1 attached.
K. Sheet E-001 Notes, Symbols Abbreviations, Sketch E-001.1 attached.

Add General Note G9 to end of each symbol line under NEW TELECOM SYMBOLS Note G9 to read “Provide junction box and ¾” conduit to 6” above ceiling.”

L. Sheet SU-001 Site Plan - Electrical

Change Note 15 on Sheet SU-001 to read as follows: “Refer to Sheet SU-002 for new site lighting requirements, as indicated. Existing site lighting is shown for informational purposes, but not further identified or circuited, unless otherwise noted on Sheet SU-002.”

M. Sheet SU-002 Site Plan – Lighting, Sketch SU-002.1 attached.

Change location, quantity and staggering of light fixtures along roadway as shown. Change circuiting as shown. Change Note 1 to read as shown.

N. Sheet SU-002 Site Plan - Lighting, Sketch SU-002.2 attached.

Change location, quantity and staggering of light fixtures along roadway as shown. Change circuiting as shown. Add Note 9 to drawings identifying branch circuit and conduit size. Add Note 10 to drawings for foundation details.


Change smoke detector symbol on drawings as shown.

P. Sheet E-102 Partial First Floor Plan – Power & Special Systems – Construction Plan, Sketch E-102.1 attached.

Change smoke detector symbol on drawings as shown.

Q. Sheet E-201 Partial First Floor Lighting – Construction Plan

Change Note 7 to read “J-box for entrance roadway lights. Provide 1, 3-phase circuit to LCPH (Outdoor Lighting Control Panel). Provide new time clock and photocell at LCPH.”

R. Sheet E-401 Partial First Floor Lighting – Construction Plan, Sketch E-401.1 attached.

Change General Note 1 to read “Mechanical contractor to provide fused disconnect sized for Mechanical Heat Pumps.” Add Note G1 to Heat Pump disconnect as shown.
S. Sheet E-402 Partial First Floor Mechanical & Electrical - Coordination Plan, Sketch E-402.1 attached.

Delete P-1 and P-2 disconnects. Change General Note 1 to read “1. Mechanical contractor to provide fused disconnect sized for Mechanical Heat Pumps.” Add Note G1 to Heat Pump disconnect as shown.

T. Sheet E-403 Roof Mechanical & Electrical - Coordination Plan, Sketch E-403.1 attached.

Delete disconnects shown on ERU’s. Add new connection for 2KW heaters in each ERU see Sketch E702-1 for power requirements. Add two new General Notes as shown.

U. Sheet E-602 New Electrical Riser Diagram, Sketch E-602.1 attached.

Add four fused disconnects with ratings as shown on the drawing in the Mezzanine level; one for each of the four panels being refed. Add note 26 to LCPH as shown.

V. Sheet E-602.2 New Electrical Riser Diagram, Sketch E-602.2 attached.

Add note 26 to LCPH as shown.

W. Sheet E-701 Light Fixture Schedule, Sketch E-701.1 attached.

Change mounting requirements as shown.

X. Sheet E-702 Electrical Schedules, Sketch E-702.1 attached.

Change P-1 and P-2 horse power ratings from 50hp to 15hp. Change circuit breaker frame size to 100A and trip rating to 60A. Change three spare circuit breaker spaces into 3 100A, 3P 15A trip circuit breakers to feed ERU-1, 2 & 3 2KW heaters. Add Notes 4 to 7 to describe feeder sizes.

Y. Sheet E-705 Electrical Schedules, Sketch E-705.1 attached.

Change 3P, 20A circuit breaker to a 3P, 15A circuit breaker for existing 6 KVA transformer fed from LCPH.

Z. Sheet E-801 Enlarged Electrical Room & Mezzanine Plans, Sketch E-801.1 attached.

Add wireway and four disconnects to mezzanine level electrical room as shown. Add note 17 to drawing.
ITEM 2.2  PROJECT MANUAL

A. Section 09900 – Paints and Coatings

1. Paragraphs 2.01, C. Add item 4. to read “ICI Paints, www.icipaints.com”
2. Paragraphs 2.01, D. Add item 4. to read “ICI Paints, www.icipaints.com”
3. Paragraphs 2.01, E. Add item 5. to read “ICI Paints, www.icipaints.com”

B. Section 15745 – Water Source Heat Pumps

1. Delete Paragraph 1.02 C in its entirety and add the following new paragraph:

   C. Basis of design: Carrier. The following alternate manufacturers are acceptable if they fully comply with the specifications: Trane, Climate Master or Florida Heat Pump.

2. Add the following paragraph at the end of section 2.01

   P. Water source Heat Pump shall be furnished with a single point electrical connection and a disconnect switch that disables entire unit.

ITEM 2.3  CLARIFICATIONS

A. Security devices are to be supplied by owner. Contractor is responsible for rough-in of junction boxes conduit and installation of these devices.

B. Contractor is responsible for rough-in of junction boxes and ¾” conduit to above ceiling.

C. Lighting fixture Type F is 4’ in length. This lighting fixture can be tandem mounted to obtain the 8’ length as shown on the drawings.

D. Symbol should be changed to a circle with an ‘S’ in the center to represent smoke detectors. See Sketches E-101.1 & .2.

E. Ref. Section 00150 – Information for Bidders: All site improvements, to the fullest extent practical, shall be completed during the Phase 1 construction period.

END OF ADDENDUM