



## **ADDENDUM #2**

**April 4, 2011**

Re: Harrisburg Area Community College  
Electrical Testing & Preventative Maintenance Program – Harrisburg Campus  
Solicitation #RFB11-17

From: Eastern PCM, LLC  
Construction Manager – HACC  
645 N. 12<sup>th</sup> Street, Suite 200  
Lemoyne, PA 17043

To: All Planholders

---

This Addendum is hereby made part of the Request for Bids dated March 21, 2011 for the above referenced project. The provisions of this Addendum are intended to supplement the provisions of the Request for Bids and/or supersede them where contradictory thereto.

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

The conditions and terms of the Request for Bids 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 Request for Bids for similar items of work shall apply to the work described in this Addendum. If no similar items of work are included in the Request for Bids, the quality of material and workmanship shall be subject to the written acceptance of the Construction Manager.

### **2.1 PRE-BID MEETING MINUTES**

Meeting minutes from the Pre-Bid Meeting held on March 29, 2011 are attached and are a part of this Addendum. In the event of a conflict between the information contained in the Pre-Bid Meeting Minutes and the Request for Bids and responses to questions contained in this Addendum, the latter shall take precedence.

## 2.1 CLARIFICATION TO THE REQUEST FOR BIDS

### IX. Project Summary

- A. Article B Energized Testing & Inspection, Paragraph 6: ADD the following: "Circuits shall be monitored with a recorder for a period of not less than five (5) days."
- B. Article C De-Energized Testing & Inspection, Paragraph 5: REVISE to read: "Transformer testing for transformers above 500 KVA only."
- C. Article C De-Energized Testing & Inspection, Paragraph 5b: REVISE to read: "Turns Ratio Testing; check only the turns ratio on the tap to which the transformer is connected."

## 2.2 CHANGES TO ADDENDUM #1

1.1 A: REVISE to read: "Energized Testing Inspection and Recording: "Conduct all tests per applicable N.E.T.A. acceptance testing standards (ANSI/N.E.T.A ATS-2009) or NFPA 70B "Recommended Practice for Electrical Equipment Maintenance"

## 2.3 CHANGES TO THE REFERENCE DOCUMENTS

REPLACE Dry Transformer Schedule with REVISED Dry Transformer Schedule dated March 28, 2011, attached.

Attachments: Pre-Bid Meeting Minutes dated March 29, 2011  
Revised Dry Transformer Schedule dated March 28, 2011

**END OF ADDENDUM**



Please sign and return this page, via fax, to Eastern PCM, LLC at (717) 233-1666 indicating receipt of this Addendum.

**Electrical Testing & Preventative Maintenance Program – Harrisburg Campus  
RFB#11-17**

Addendum # \_\_\_\_\_ has been received.

**Company:** \_\_\_\_\_  
Print Company Name

**Received By:** \_\_\_\_\_  
Print Name Signature

**Date:** \_\_\_\_\_

**Please check one:**

- \_\_\_\_\_ We are bidding as a prime contractor
- \_\_\_\_\_ We are not bidding
- \_\_\_\_\_ We are a sub-contractor

**HACC, Central Pennsylvania's Community College  
Harrisburg Campus  
Electrical Testing and Preventative Maintenance Program**

**Solicitation #RFB11-17**

Pre-Bid Meeting

March 29, 2011  
8:00am

**Meeting Minutes**

---

**Attendees**

Sean Beaver – HACC	Glenn Reichardt – GR Sponaugle
Joe Wojtysiak – HACC	Dwayne Donnelly – EL Heim
Tom Fogarty – HACC	Dan Goodwin – Reuter & Hanney
Walt Rafacz – Technical Services	Katie Bleiler – EnerGTest, LLC
Ray Kruk – Cavanaugh Electric	Mike Walburn – Gettle, Inc.
John Mertz – Meadow Valley Electric	Greg Lamay – Eastern PCM, LLC (EPCM) (Author)

---

- 1.0 Eastern PCM introduced the project team members
- a) Owner
    - HACC – Harrisburg Campus
    - Joe Wojtysiak – Campus Senior Director, Facilities Mgmt.
    - Sean Beaver – Superintendent, Facilities Mgmt. - Electrical
    - Tom Fogarty – Executive Director, Business & Aux. Services
  - b) Construction Manager
    - Eastern PCM, LLC
    - Greg Lamay – Senior Project Manager
- 1.1 Eastern PCM reviewed the bid documents
- a) Bid Form must be filled out in its entirety.
  - b) Bid Security is required.
  - c) Bidders are required to complete and submit the Non-Collusion Affidavit with bid.
  - d) Bidders are required to complete the MBE/WBE Utilization Form regardless of whether MBE/WBE firms were solicited.
  - e) Bidders were instructed that the project shall be based on prevailing wage rates. Rates are included in the Bid Documents.
- 1.2 Eastern PCM reviewed the project schedule
- a) Bids Due: April 12, 2011 at 2:00pm – Three Penn Center, 349 Wiconisco Street, Room 223, Harrisburg.
  - b) Contract Award: May 4, 2011; subject to Board of Trustees approval
  - c) Project Start: May 15, 2011
  - d) Project Complete: November 15, 2013
-

- 1.3 All questions regarding the bids are to be submitted in writing to Greg Lamay:  
a) EPCM Fax: 717-233-1666  
b) EPCM E-mail: [epcm@easternpcm.com](mailto:epcm@easternpcm.com)

1.4 Work Hours

Energized Testing: 7:00am – 5:00pm, Monday through Friday

De-Energized Cleaning & Maintenance: Overnight, Saturdays, or as coordinated with the Owner and Construction Manager

- 1.5 The project consists of energized and de-energized testing, cleaning, and maintenance of electrical equipment at the Harrisburg Campus.

- 1.6 A revised equipment inventory will be issued via Addendum #2.

1.7 Questions and Answers

**Q:** Are As-Builts required?

**A:** The single-line drawing issued with the RFB must be verified.

**Q:** What is the expectation of the power factor test?

**A:** It was suggested that a week-long test would provide sufficient information. Requirements will be issued via Addendum #2.

**Q:** Why was 15 psi specified as max air pressure?

**A:** HACC will not dictate methods used for cleaning. NFPA 70B does not have specifications that dictate what “clean” is. The Contractor will be required as indicated to vacuum and clean. The Owner will make the determination of acceptance. If air pressure in excess of 15 psi is used, the Contractor will be liable for damages caused by excessive air pressure.

**Q:** Is dry nitrogen acceptable?

**A:** A determination will be made and distributed via Addendum #2.

**Q:** Is it the intent to have every breaker at each switchgear tested?

**A:** Yes.

**Q:** Can the College identify the method and quantity of breakers to be tested?

**A:** A determination will be made and distributed via Addendum #2.

- 1.8 HACC requested that the spare breaker in the Switchgear Building be cleaned, tested, and wrapped.



- 1.9 A site tour/walkthrough was conducted for the following buildings: Switchgear Building, Whitaker Hall, McCormick Library, Blocker Hall, Rose Lehrman Arts, North Hall, Cooper Student Center, Wildwood Conference Center, Hall Tech, Evans Physical Education Center, and the College Service Center.
- 

Respectfully Submitted,  
Greg Lamay, Eastern PCM, LLC

The above summations are the interpretation of the author as to the items discussed and the decisions reached. Corrections or additions to these minutes are to be made in writing and sent to the attention of the author no later than 5 days after receipt; otherwise, these minutes will stand as written.

cc: All Attendees

480/208 Dry Transformer Locations  
Revised March 28, 2011

<u>Bldg./Room</u>	<u>Transformer</u>
<b><u>WHITAKER</u></b>	
W 128 J	75 KVA
W 213	15 KVA
W 118 J	75 KVA
W 104 J	75 KVA
W 113	30 KVA
	30 KVA
<b><u>BLOCKER</u></b>	
B 110 J	30 KVA 45 KVA
B 122 J	45 KVA
B 229 J	30 KVA
B 134 J	75 KVA
BASEMENT	45 KVA
<b><u>STABLER</u></b>	
S 111 B	30 KVA
<b><u>COOPER</u></b>	
C 105 A	112.5 KVA
	45 KVA
C 111	225 KVA + 600A MCB
C 116	75 KVA + 225A MCB
	50 KVA + 150A MCB
<b><u>OVERHOLT</u></b>	
O 106	45 KVA
<b><u>HALL TECH</u></b>	
H 102 J	100 KVA + 350A MCB
H 202 J	150 KVA + 500A MCB
H 225	100 KVA + 350A MCB
H 127 J	100 KVA + 350A MCB
<b><u>LIBRARY</u></b>	
L 115 J	75 KVA + 225A MCB
L 118	30 KVA
	37.5 KVA
<b><u>ARTS</u></b>	
A 129	112.5 KVA
	45 KVA
	50A, 125A, & 300A MCB
	300A Contactor
A 128 A	30 KVA + 100A MCB
A 109	275A MCB
A 104 A	150A MCB
A 204	CR & Transfer Relay
A 212	60 KVA + 150A MCB
	225 KVA + 600A MCB
A 122 C	100A MCB

480/208 Dry Transformer Locations  
Revised March 28, 2011

A 112	225 KVA
<b><u>PHYS ED</u></b>	
E 114 A	75 KVA
E 119	75 KVA
E 110	75 KVA
E 110	30 KVA mini power cntr
E 119	30 KVA (solar array)
<b><u>MUMMA</u></b>	
M-157	112.5 KVA
	75 KVA
	45 KVA
	150A MCB
	70A MCB
Penthouse	30 KVA
	15 KVA + 50A MCB
M-261A	150 KVA + 300A MCB
	75 KVA + 200A MCB
	45 KVA + 150A MCB
<b><u>NORTH HALL</u></b>	
N-114	75 KVA
	45 KVA
N- 204	480/208-120 volt
	45 kVA
N-125E	112.5 KVA
	75 KVA
<b><u>CSC</u></b>	
CSC-104	25 KVA
<b><u>Pollock ECE</u></b>	
118-E	112.5 KVA
	300 KVA
<b><u>Select Medical</u></b>	
112-E	300 KVA