



ADDENDUM #2

April 8, 2010

Re: HACC, Central Pennsylvania's Community College
Campus Square Board Room Audio Visual
Solicitation # 10-30A

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

To: All Planholders

This Addendum is hereby made part of the Request for Bids dated March 29, 2010 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 Owner.

2.1 GENERAL CLARIFICATIONS

- a. **Q:** Can I do a Site Visit?
A: Yes. Contact Stacia Zewe at szewe@easternpcm.com or (717) 233-3816.

- b. **Q:** Are there As-Built drawings of the existing system?
A: Yes. Please see attached Exhibit 'A' – Component List

- c. **Q:** Is there a list of owner furnished equipment?
A: Yes. Please see attached Exhibit 'A' – Component List

- d. **Q:** Page 15.c – The paragraph on Distributed Echo Cancellation states that the Clear One echo cancellation system is optimized “by assigning an acoustic each canceller to each microphone”. The equipment list on page 16 calls to provide (13) wired microphones + (1) wireless microphone (14 total microphone channels) with connections to (1) Clear One Converge Pro 880 and (1) SR1212.

The Converge Pro 880 includes only (8) echo cancelling channels and the SR1212 does not have echo cancelling circuitry...direct connection of microphones to the SR1212 will compromise the audio performance of the system. Should the equipment list be amended to provide (2) Converge Pro 880 units instead, or does the owner only plan on using (8) microphones at a time for the teleconference configuration?

- A:** Item C Audio Processing states that the ClearOne Converge Pro products demonstrate the desired audio processing. It is at the AV integrators discretion as to which processors should be implemented as long as the desired processing is present. The equipment list was provided as example only and should not be deemed complete or final. Substitutions are welcomed as long as they display the desired processing for a turnkey microphone system free of audio defects as stated in section V.
- e. **Q:** Page 16.d – VTC Control System: The specification states “Processor and control configuration will be at the discretion of the AV contractor in conjunction with HACC representatives”. Is the AV Contractor to include a compatible Extron Processor and Touchpanel in our bid price or will these items be provided by HACC after the bids are awarded?
- A:** Please provide all necessary control system hardware in your bid with the understanding that HACC can remove if not needed. HACC will provide one (1) Extron TLP 700TV, one Extron ISM 824 (including two [2]) scaler output cards, and one (1) Extron IPL 250.
- f. **Q:** Page 16.d – Equipment List: The Polycom HDX-8006 part number named is a bundle consisting of (1) CODEC, (1) Eagle Eye Camera, (1) HDX Mic Array with a 6M Line Rate and a hand held remote. This bundle does not include People + Content (P+C) or People On Content (PoC) software keys. Please confirm that P+C and PoC software is not required for this project.
- A:** The equipment list was provided as example only – P+C is required for this project. Bundle packages from Polycom are being discontinued and all software keys will need ordered individually. Polycom dealers were sent out notification from on 4/1/10 that these changes would be taking place.

The following two questions reference page 16.d – VTC Control System: The specification states “control for the VTC system will be independent of the existing control system with possible future expansion to include the existing AV equipment.”

- g. **Q:** Can you provide a drawing of the existing configuration to plan for “possible future control” and confirm that the existing ISM 824 has a spare input and spare Universal Scaler Output Board (ISM-RGB) for the HDX 8006 CODEC connections?
- A:** The intent of the specification was to deploy a control system platform that could be expended in the future to encompass the existing AV equipment at the owners discretion. HACC currently has the ISM 824 that includes two scaler output boards (Extron part No. 70-545-01). The control system components and programming should be for equipment being specified for RFB# 10-30A only.
- h. **Q:** Does the existing Extron MLC-226 button panel control system already contain control programming for the ISM-824 for routing the CODEC input and outputs? If not, who is responsible for making changes to the existing system programming?
- A:** HACC standard MLC-226 programming provides for a single button on the MLC button controller for VTC. A patch plate is provided on the front of the existing teachers station for VTC in and out. The teachers station patch plate will provide all necessary signal routing to and from the existing hardware as confirmed by Robert Dudley during the pre-bid meeting. This patch plate was previously used for connection with a mobile video conference cart on a daily basis.
- If the necessary routing and programming is not currently employed it will be the responsibility of HACC to provide the necessary programming at the existing MLC226 and signal routing through the ISM824.

END OF ADDENDUM

Exhibit 'A'
Component List

2010 Board Room at Campus Square

BRAND	MODEL	ITEM	QUANTITY
Zenith	XBV-713	DVD/VHS Combo	1.00
Panasonic	PT-FW300NTU	Data Projector	1.00
Belkin	F8Z065TT	Tune Command AV (iPod docking station)	1.00
		Electric Ceiling Screen	1.00
Chief	RPA-191	Data Projector Mount	1.00
Tannoy	CVS6	Ceiling Speakers	6.00
Dukane	220S	Document Camera	1.00
TOA	A912MK2	Amp	1.00
TOA	M01F	Mic Module	2.00
TOA	U-03R	Line Module	4.00
TOA	MB-25B	Rack Mount kit	1.00
Spectrum	Media Manager	Instructor Station	1.00
Tripplite	PDU1220	Rack Mounted Power Strip	1.00
Spectrum	95509	Articulating arm for Sympodium	1.00
SmartTech	ID-422w	Sympodium	1.00
Gyration	GYM1100CKNA	WX Mouse/keyboard combo	1.00
TrippLite	PDU1220	Rack Mounted Power Strip	1.00
Extron	60-548-02	TLP 700TV Touchlink Tabletop Touchpanel Controller	1.00
Extron	60-787-01	ISM 824 Switcher	1.00
Extron	70-545-01	Scaler Output Card for ISM 824	2.00
Extron	60-1026-81	IPL 250 Ethernet Control Processor	1.00
Extron	60-506-03	P/2 DA2xi	1.00
Extron	60-246-03	P/2 DA4xi	1.00
Extron	60-439-01	MDA 3V Video DA	1.00
Extron	60-600-12	MLC 226 IP AAP Controller	1.00
Extron	60-569-01	IN-1508 Switcher	1.00
Extron	70-220-02	IRCM DV+	1.00
Dell	Optiplex 760	Classroom PC	1.00
Tufnut	LP-SC4-LP	Security Hardware for PC (cable with loops)	1.00
Tufnut	P5KA	Security Hardware for PC (lock)	1.00
Tufnut	NP3-LP-SC3-LP	Security Hardware for VCR (cable with plate and loops)	1.00