

City of Lynchburg  
Procurement Division  
900 Church Street  
Lynchburg, Virginia 24504  
Telephone No.: (434) 455-3970  
Fax No.: (434) 845-0711

**Addendum for Invitation for Bids**  
**Audio Visual Solution for Learning Spaces in Heritage High School**  
**2016-051**

Date: 03/22/2016  
From: Lisa Moss, Buyer VCA  
RE: Addendum No. 3

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This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the Contract Documents. The Bidder shall indicate receipt of this Addendum and all previously issued Addenda on the Bid Form.

1. **The bid submission date has been extended to Tuesday, March 29<sup>th</sup> at 3:00 P.M.**
2. Pcs are provided by the school and are not part of the bid?  
**Computers are provided by the school except where they are listed as an item for example: the video wall nodes are technically computers.**
3. Network switches for school network and ENS and monitoring provided by school? Proprietary AV switches required for control will be included in the bid?  
**You can assume that a network drop is already in place and Network switches are provided by LCS unless your design calls for a switch. If that is the case, we will want to discuss what type of switch and how it would connect to our network.**
4. Where will the software live in the classrooms? PC/Laptop provided by the school?  
**Depends on what software you are speaking of. Mirror Op get loaded on the local device.**
5. Clarification on the quantity of the digital signage displays? Will the school be providing a PC or player for the digital signage source?  
**There are nodes in the video wall for digital signage. Any computers needed in the production of content is provided by LCS.**
6. Room A25 Type-3 projection room screen? Sound system on Dwg E2.1.3 NIC?  
**The sound system is part of the building general contract.**
7. Room G09 Direct Connect projection room screen?  
**Screens are installed by the general contractor.**
8. Room G09 just an HDMI connection or VGA/Audio?  
**Both HDMI/VGA**
9. Which classroom will require recording capability? AV equipment location?  
**If LCS chooses this option, we will choose a room at that time.**
10. Will installed floor boxes or poke thru require plates or are the details on drawing E4.3 provided by others?  
**No, they are part of the box. HDMI cables will use an open grommet.**
11. Classroom type-1 PVT SW Wall Plates how will these mount at the collaboration desks?  
**They need to be installed in a double gang box and must be provided by the AV installer.**
12. Is the Emergency Notification System LAN based? Control commands over the network?  
**It is LAN based.**
13. Does the ENS need to be on the projectors too? Video Wall?  
**No**

14. Content for the Video wall will be provided by others? Wireless capability?  
**Yes, LCS will provide the content for the video walls. We had planned to use WePresents for wireless access.**
15. In Lot C: Video Wall, Digital Signage, Software License and install cost: The following parts have been discontinued by the manufacturer: NEC #H97-TWR-NEC-CTL and NEC #H97-TWR-NEC-STM. Since the two items are computers, what other PC manufactures would accepted and what are the required specs?  
**These are the correct SKU's. Contact your NEC Distributor for correct pricing and availability.**
16. **REVISION TO SPECIFICATIONS: The WiPG-1500 is NOT an acceptable substitution for: AWING WiPG-2000 Presentation Gateway. We would like them priced as an optional item. A revised bid sheet is attached.**
17. **REVISION TO SPECIFICATIONS: The INLITESHOW4 is NOT an acceptable substitution for: AWING WiPG-2000 Presentation Gateway. We would like them priced as an optional item. A revised bid sheet is attached.**

Company Name: \_\_\_\_\_ Address: \_\_\_\_\_ Date: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Print Name: \_\_\_\_\_ Telephone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

## ADDENDUM #3 REVISED Bid Sheet

**Lot A: Hardware Cost Per Room Type**

(The successful bidder of this lot will be responsible for the installation of the TV mounts and TV's. Cost associated with installation must be included in your individual install pricing for the line items listed below.)

QTY	TYPE	DESCRIPTION	INDIVIDUAL HARDWARE PRICING	INDIVIDUAL 3 YEAR WARRANTY	INDIVIDUAL INSTALL PRICING	TOTAL PRICING
5	Type 1	Type 1 Room - Minus TV and TV Mount hardware				
35	Type 2	Type 2 Room - Minus TV and TV Mount hardware				
27	Type 3	Type 3 Room - Minus TV and TV Mount hardware				
15	Direct Connect	Direct Connect - Minus TV and TV Mount hardware				
1	A25 - Forum	Type 3 Room - Minus TV and TV Mount hardware				
1	G09 - Stage	Direct Connect - Minus TV and TV Mount hardware				
1	Training	2 days onsite training	NA	NA	NA	
				TOTAL LOT A		

**\*\* LOT A: OPTIONAL ITEMS: NOT TO BE INCLUDED IN LOT PRICING: \*\***

ROOM TYPE	Description	Pricing
1	Recorded Classroom	
2	Recorded Classroom	
3	Recorded Classroom	
Direct Connect	Recorded Classroom	

	Type	Description	Individual Pricing
1	WiPG-1500	WiPG-1500	
1	INLITESHOW4	Infocus liteShow 4	

**Lot B: Television and Mount Hardware**

(This is for the purchase of the materials only. No Installation costs are to be included with this bid. The successful bidder for Lot A will be responsible for coordination and installation of this equipment.)

QTY	TYPE	DESCRIPTION	INDIVIDUAL PRICING	3 YEAR WARRANTY	TOTAL PRICING
68	INF6501wAG	JTouch 65-inch whiteboard TV with anti-glare and mount			

98	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB and mount			
12	E505	NEC E505 50" LED Display and mount			
1	PA622U Room A25	NEC Projector with NP13ZL lens and mount –Front Projection			
1	PA622U Room G09	NEC Projector with NP13ZL lens and mount –Rear Projection			
1	Training	2 days onsite training	NA	NA	NA
<b>TOTAL LOT B:</b>					<b>\$</b>

**Lot C: Video Wall, Digital Signage, Software, License, and Install Cost**

Qty	Manufacture	Item-no	Description	INDIVIDUAL PRICING	3 YEAR WARRANTY	INSTALL PRICING	TOTAL PRICING
1	NEC	X46UNV-TMX9P	NEC 3X3 VIDEO WALL				
6	NEC	V552	55" LED COMMERCIAL DISPLAY				
6	NEC	V463	46" LED COMMERCIAL DISPLAY				
16	NEC	OPS-PCIB-PS	OPS PC W/INTEL BOARD				
1	NEC	H97-TWR-NEC-CTL	CONTROL NODE				
1	NEC	H97-TWR-NEC-STM	STREAMER NODE HARDWARE				
1	NEC	AS203WMI-BK	20" WS LED BACKLIT IPS LCD				
6	NEC	WMK-3257	WALL MOUNT 32"-65"				
1	HIPERWALL	HWST-CTRL	HIPERWALL STD CTRL LIC				
1	HIPERWALL	HWST-CTRL2	HIPERWALL SECONDARY CONTROL LIC				
15	HIPERWALL	HWST-DISP	HIPERWALL STD SENDER LIC				
5	HIPERWALL	HWST-SEND	HIPERWALL STD SENDER LIC				
1	HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y				
1	HIPERWALL	HWST-CTRL-SUB	HIPERWALL CTRL SUB UPDATES 1Y				
1	HIPERWALL	HWST-CTR2-SUB	HIPERWALL SECONDARY CONTROL SUB				
15	HIPERWALL	HWST-DISP-SUB	HIPERWALL DISPLAY SUB UPDATES 1Y				
5	HIPERWALL	HWST-SEND-SUB	HIPERWALL SEND SUB STD ED 1Y				

1	HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y				
1	N/A	TRAINING	2 DAY ONSITE TRAINING	N/A	N/A	N/A	
<b>TOTAL LOT C</b>							<b>\$</b>

**NOTES:**

1. The quantities listed are estimated quantities only. Lynchburg City Schools reserves the right to decrease and/or increase the quantities listed as necessary.
2. Award will be made by Lot.

**Appendix A - Classroom Type 1 Collaboration Lab (Parts List)**

Below is a reference listing of expected hardware for at Type 1 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Plenum Vault	1
Extron	60-997-01	HDMI DA2	5
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	6
AWIND	SHRPOD	Share Pod	2
Extron	60-1208-02	TLP-01	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	40-120-03	FF120 2 X 4 speaker	2
Extron	60-841-03	SW6 HDMI	1
Extron	60-999-01	HDMI DA6	1
Extron	60-1071-02	IPCP-505	1
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB	5
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare	1

**Appendix B - Classroom Type 2 (Parts list)**

Below is a reference listing of expected hardware for at Type 2 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Plenum Vault	1
Extron	60-997-01	HDMI DA2	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	2
AWIND	SHRPOD	Share Pod	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-600-02	MLC- 226IP	1
Extron	60-998-01	HDMI DA4	1
Extron	40-120-03	FF120 2 X 4 speaker	2
Extron	60-841-22	Four Input Switcher	
NEC	2976453	46-inch, 1080P TV, LED, 2 HDMI, RS232, 2 USB and one wall mount	2
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare and wall mount	1

**Appendix C - Classroom Type 3 (Parts List)**

Below is a reference listing of expected hardware for at Type 3 room.

Manufacture	Item-no	Description	Qty
		Custom Extron Wallvault	1
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	1
AWIND	SHRPOD	Share Pod	1
Extron	60-1235-01	PVS 405SA IP / PVS 407 (If Available)	1
Extron	60-1270-03	PVT SW HDMI D	1
Extron	60-1335-03	PVT SW HDMI RGB	1
Extron	60-600-02	MLC- 226IP	1
Extron	40-120-03	FF120 2 X 4 speaker	2
Infocus	INF6501wAG	JTouch 65-inch whiteboard with anti-glare and wall mount	1

#### Appendix D - Direct Connect Room (Parts List)

Below is a reference listing of expected hardware for at Direct Connect room.

Manufacture	Item-no	Description	Qty
AWIND	WiPG-2000	WePresent WiPG-2000 Presentation Gateway	1
AWIND	SHRPOD	Share Pod	1
NEC	E505	NEC E505 50" LED Display and wall mount	1

#### Appendix E - Video Wall (Parts List)

Below is a listing of expected hardware for the video wall and digital signage. This is NOT a BID SHEET.

Manufacture	Item-no	Description	Qty
NEC	X46UNV-TMX9P	NEC 3X3 VIDEO WALL	1
NEC	V552	55" LED COMMERCIAL DISPLAY	6
NEC	V463	46" LED COMMERCIAL DISPLAY	6
NEC	OPS-PCIB-PS	OPS PC W/INTEL BOARD	16
NEC	H97-TWR-NEC-CTL	CONTROL NODE	1
NEC	H97-TWR-NEC-STM	STREAMER NODE HARDWARE	1
NEC	AS203WMI-BK	20" WS LED BACKLIT IPS LCD	1
NEC	WMK-3257	WALL MOUNT 32"-65"	6
HIPERWALL	HWST-CTRL	HIPERWALL STD CTRL LIC	1
HIPERWALL	HWST-CTRL2	HIPERWALL SECONDARY CONTROL LIC	1
HIPERWALL	HWST-DISP	HIPERWALL STD SENDER LIC	15
HIPERWALL	HWST-SEND	HIPERWALL STD SENDER LIC	5
HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y	1
HIPERWALL	HWST-CTRL-SUB	HIPERWALL CTRL SUB UPDATES 1Y	1
HIPERWALL	HWST-CTR2-SUB	HIPERWALL SECONDARY CONTROL SUB	1
HIPERWALL	HWST-DISP-SUB	HIPERWALL DISPLAY SUB UPDATES 1Y	15
HIPERWALL	HWST-SEND-SUB	HIPERWALL SEND SUB STD ED 1Y	5
HIPERWALL	HWST-STRM-SUB	HIPERWALL STREAMER SUB STD ED 1Y	1

#### Appendix F- Classrooms

Breakdown of rooms. Cable lengths are estimations only. It is the contractor's responsibility to ensure all necessary cables are the correct length and necessary components are quoted for a turn-key install.

Room	HDM I 3ft	HDM I 10ft	HDM I 35ft	HDM I AOC 50ft	HDM I AOC 100ft	Extron	65" Touch TV	46" TV	50" TV	TV Mount (L)	TV Mount (S)	Front Projector	Rear Projection
A02	3	2	3	1		TYPE2	1	2		1	1		
A03	3	2	3	1		TYPE2	1	2		1	1		
A04	3	6	8	2		TYPE1	1	5		1			
A05	3	2	3	1		TYPE2	1	2		1	1		
A10	1		1			direct			1		1		

						connect							
A12	3	2	3	1		TYPE2	1	2			1	1	
A13	3	2	3	1		TYPE2	1	2			1	1	
A14	3	2	3	1		TYPE2	1	2			1	1	
A15	3	2	3	1		TYPE2	1	2			1	1	
A17	3	1	1			TYPE3	1				1		
A18	3	1	1			TYPE3	1				1		
A19	3	1	1			TYPE3	1				1		
A22	1		1			direct connect				1		1	
A25	1	1			1	TYPE3 *							1
B02	3	1	1			TYPE3	1				1		
B03	3	1	1			TYPE3	1				1		
B05	1		1			direct connect				1		1	
B11	3	2	3	1		TYPE2	1	2			1	1	
B12	3	2	3	1		TYPE2	1	2			1	1	
B13	3	2	3	1		TYPE2	1	2			1	1	
B14	3	6	8	2		TYPE1	1	5			1		
C09	3	2	3	1		TYPE2	1	2			1	1	
C10	3	2	3	1		TYPE2	1	2			1	1	
C11	3	2	3	1		TYPE2	1	2			1	1	
C15	1		1			direct connect				1		1	
C16	3	6	8	2		TYPE1	1	5			1		
C17	3	2	3	1		TYPE2	1	2			1	1	
C18	3	2	3	1		TYPE2	1	2			1	1	
C20	3	1	1			TYPE3	1				1		
C23	3	1	1			TYPE3	1				1		
C26	3	1	1			TYPE3	1				1		
D04	1		1			direct connect				1		1	
D13	1		1			direct connect				1		1	
D34	3	1	1			TYPE3	1				1		
D38	1		1			direct connect				1		1	
D40	3	2	3	1		TYPE2	1	2			1	1	
D41	3	2	3	1		TYPE2	1	2			1	1	
D42	3	2	3	1		TYPE2	1	2			1	1	
E16	3	1	1			TYPE3	1				1		
E17	3	1	1			TYPE3	1				1		
E33	3	1	1			TYPE3	1				1		
G09					1	direct connect *							1
H3	3	1	1			TYPE3	1				1		
H4	3	1	3	1	1	TYPE2	1	2			1	1	
H5	3	1	3	1	1	TYPE2	1	2			1	1	
H7	1		1			direct connect				1		1	
H8	3	1	1			TYPE3	1				1		
H10	3	1	1			TYPE3	1				1		
H12	1		1			direct connect				1		1	

H19	3	1	1			TYPE3	1			1			
H22	3	1	1			TYPE3	1			1			
J02	3	1	1			TYPE3	1			1			
J03	3	1	1			TYPE3	1			1			
J04	3	1	1			TYPE3	1			1			
J06	3	1	3		1	TYPE2	1	2		1	1		
J07	3	1	3		1	TYPE2	1	2		1	1		
J08	3	1	3		1	TYPE2	1	2		1	1		
J09	3	5	8		2	TYPE1	1	5		1			
J10	1		1			direct connect				1		1	
J16	3	5	8		2	TYPE1	1	5		1			
J17	3	1	3		1	TYPE2	1	2		1	1		
J18	3	1	3		1	TYPE2	1	2		1	1		
J19	3	1	3		1	TYPE2	1	2		1	1		
K03	3	1	1			TYPE3	1			1			
K04	3	1	1			TYPE3	1			1			
K06	3	1	1			TYPE3	1			1			
K08	1		1			direct connect				1		1	
K11	3	1	1			TYPE3	1			1			
K13	3	1	1			TYPE3	1			1			
K15	3	1	3		1	TYPE2	1	2		1	1		
K16	3	1	3		1	TYPE2	1	2		1	1		
K18	3	1	3		1	TYPE2	1	2		1	1		
K19	3	1	3		1	TYPE2	1	2		1	1		
L02	3	1	1			TYPE3	1			1			
L03	3	1	1			TYPE3	1			1			
L04	3	1	3		1	TYPE2	1	2		1	1		
L05	3	1	3		1	TYPE2	1	2		1	1		
L07	1		1			direct connect				1		1	
L10	3	1	3		1	TYPE2	1	2		1	1		
L11	3	1	3		1	TYPE2	1	2		1	1		
L12	3	1	3		1	TYPE2	1	2		1	1		
L18	3	1	1			TYPE3	1			1			
L20	1		1			direct connect				1			
L21	1		1			direct connect				1			
L22	1		1			direct connect				1			