



To: Prospective Bidder

Date: May 6, 2024

Subject: Request for Proposal - Bid# 224-44 Audio-Visual (AV) Upgrade Project

RE: Addendum # 1: Questions and Answers

Question: What are the super speed USB-C cables asked for on page 5? Length? The link did not work.

Answer: Please use the Extron USB-C 5Gbps cable part #26-715-06 at 6'

Question: Are you having a summer school session that will affect access to these rooms during the day? If so, do you have the schedule?

Answer: There will be some buildings that will have school sessions and may have limited access. For example, Kennedy School of Engineering (KEN) will have summer classes in Session. Fridays do happen to be the days when there are no classes if we need to work around busy schedules. We are still working with the registrar on the schedule and a schedule will be provided for the buildings to be worked on. The registrar is also committed to helping us move classes around as needed, but please note we might be able to move some classes around requiring potential nights/weekend work.

Question: What control system are you using? Is the control protocol RS232 instead of RS233?

Answer: We are using Extron Control Systems, and you are correct the protocol is RS232.

Question: Can we have the products delivered to our warehouse and then delivered when it is time for installation?

Answer: Sure, we will work with the registrar to find a classroom or two for equipment drop off and staging. Please also note the work will take place in two campuses and may require drop off in different locations, such as Allendale or Grand Rapids.

Question: Will you accept substitutes for the projector mounts?

Answer: Our team tends to prefer the functionality of the ELPMBPRH so please no substitutions for those ones. Substitutions are Ok for the 4 projector mounts for the Lecture Hall projectors but there will need to be a threaded pole adapter at the top.

Question: Are you asking for a complete walk-thru with the IT department to check out and test each room immediately after installation?

Answer: Yes, it does not have to be immediately after each installation but after the last installation of the day please contact a member of the IT team to test and check the projectors so we can sign off on them.

Question: Are you asking for us to put the old projectors in a designated location for storage after removal?

Answer: Yes, each campus will have a designated storage location for the projectors. The projectors can be taken down and then moved to the storage location at the end of the day unless otherwise noted. We will have some rooms that might be on a tight schedule so taking the old equipment with you would be preferable once a room has been completed.

Question: Will you accept substitutes for the HDMI cables?

Answer: Yes, but please use high quality well vetted brands for the HDMI cables. The only cable that needs to be specific is the USB C cable as it needs 4 display port lanes for use with the USBC HD 101.

Question: Are the USBC to HDMI interfaces to be placed at the projector or at the computer? If at the computer is acceptable, can we use an HDMI AOC cable to the projector instead?

Answer: These USBC to HDMI interfaces will be placed in the instructor stations to the switcher to allow instructors to have power to their laptop devices. You will not need to worry about these devices as they are separate from the projector and GVSU IT services will be handling the installation of this device. The USB C 101, MBU 123 and HDMI cables are box sale only and no installation is required.

Most if not all our projectors are already connected via DTP (shielded cat cable) cable with an Extron DTP HDMI 330 RX and Extron DTP HDMI 330 TX pair from the instructor station to the projector in the ceiling if that helps as well.

Question: Does the pre-installation meeting have to be onsite?

Answer: We can set up a zoom meeting if that would be preferable.

Question: I have a question on the 104 Extron USBC super speed Cables. Do you have a specific length or a part number that you would like quoted?

Answer: Yes, please use the Extron USB-C 5GPS cable part #26-715-06 at 6'. Extron does require USB-C cables with 4 DisplayPort Lanes for use with the USBC HD 101.

Question: I am looking over the RFP for the bid, I see how many rooms and projectors and it calls for a single or double projector design type, but I am not seeing the design type anywhere. Is there another document that goes along with this to accompany it for the design of these various rooms detailing what equipment goes where?

Answer: Hopefully this helps, as this will show what rooms are which. Also please see attached Excel spreadsheet sent via Aaron.

UP for Updates	Campus	Number of Rooms	Room Number	Design Type (including power blocks)	Projector and Mounts Total:	Single Projector	Dual Projector	Triple Projector	Lecture Hall	Short Throw Projector	Spares
KEN	GR	15	122, 135, 222, 228, 236, 242, 258, 322, 324, 330, 342, 344, 348, 350, 358	Single Projector	15	15					
KEN	GR	2	124, 244	Dual Projectors	4		4				
KEB	GR	4	113/115, 205, 209	Single Projector	4	4					
MAN	Allendale	1	122	Single Projector	1	1					
MAN	Allendale	3	102, 107, 123	Dual Projectors	6		6				
FH	Allendale	6	11, 16, 18, 32, 145, 145E	Single Projector	6	6					
FH	Allendale	2	132, 160	Short Throw Projector	2					2	
LOH	Allendale	3	164, 174, 179	Dual Projectors	6		6				
LOH	Allendale	4	163, 167, 168, 177, 178,	Single Projector	4	4					
LSH	Allendale	9	134, 136, 225, 226, 227, 229, 230, 233, 246	Single Projector	9	9					
LSH	Allendale	2	154, 174	Single Projector Lecture Hall	2				2		
LSH	Allendale	2	112, 114	Dual Projectors	4		4				
LMH	Allendale	2	114, 176	Single Projector Lecture Hall	2				2		
LMH	Allendale	4	249, 253, 275	Single Projector	4	4					
PAC	Allendale	1	1515	Dual Projectors	2		2				
PAC	Allendale	1	1206	Short Throw Projector	1					1	
PAC	Allendale	15	1200, 1210, 1406, 1410, 1505, 1506, 1525, 1600, 1610, 1721, 1755, 2755, 2757, 2759	Single Projector	15	15					
KHS	Allendale	3	1102, 1113, 1121,	Triple Projectors	9			9			
KHS	Allendale	21	1101, 1108, 1116, 1152, 1170, 1173, 1176, 1179, 2202, 2207, 2208, 2213, 2216, 2219, 2225, 2252, 2270, 2276, 3302, 3310, 3376	Single Projector	21	21					
Spares		2		Single Projector	2						2
Spares		2		Dual Projectors	4						4
Labor											
Totals:		100			123	79	22	9	4	3	6

Question: When you say tall ladder, are there any rooms that would require over an 8' ladder? If so, do you have a lift n site we will have access to save on overall cost or should we quote one?

Answer: Some rooms might require a 10' or more ladder. We can talk with facilities about getting a lift if needed for specific rooms. Most of the rooms that are tall also have tiered seating so a lift might not work in there. A ladder that is adjustable would be preferable. If you don't have one, I can ask facilities to provide one.

Question: Questions must be submitted via email with the subject line to read "RFP 224-44 Questions" no later than 5:00 PM EST Friday, May 3, 2024. Answers will be posted online no later than Tuesday, March 26, 2024, by 5:00 PM EST.

Answer: That should read: Questions must be submitted via email with the subject line to read "RFP 224-44 Questions" no later than 5:00 PM EST Friday, May 3, 2024. Answers will be posted online no later than Monday, May 6, 2024, by 5:00 PM EST. The RFP document was updated on 04/30/2024 with this edit.

Question: Is GVSU supplying the projectors?

Answer: No, we are asking the vendor/contractor to supply and install the projectors as well as the box sale of the Extron equipment and cables.

Question: Is this project open to bid for anyone or do i need to be registered with GVSU in any way?

Answer: Any vendor can bid on this RFP. They don't need to be pre-registered with GVSU.

Question: What projector models are going in what rooms? Also, what rooms need what cables?

Answer: I have received a question like this so there will be an excel spreadsheet shared as well as a screenshot of what projectors would go where. But in a nutshell:

Technology Configuration:

- a) 79 rooms will receive single projectors.
 - a. [PowerLite L530U Full HD WUXGA 3LCD Laser Projector | Products | Epson US](#)
 - b. [Custom Micro-Adjustable Projector Mount \(ELPMBPRH\) | Products | Epson US](#)
- b) 11 rooms will receive dual projectors.
 - a. [PowerLite L530U Full HD WUXGA 3LCD Laser Projector | Products | Epson US](#)
 - b. [Custom Micro-Adjustable Projector Mount \(ELPMBPRH\) | Products | Epson US](#)
- c) 3 rooms will receive triple projectors.
 - a. [PowerLite L530U Full HD WUXGA 3LCD Laser Projector | Products | Epson US](#)
 - b. [Custom Micro-Adjustable Projector Mount \(ELPMBPRH\) | Products | Epson US](#)
- d) 4 Lecture Halls will receive Epson Large Venue projectors.
 - a. [EB-PU1006W WUXGA 3LCD Laser Projector with 4K Enhancement | Products | Epson US](#)
 - b. [Middle-Throw Zoom Lens #2 \(ELPLM15\) | Products | Epson US](#)
 - c. [Chief RPAUW Universal RPA Ceiling Projector Mount | Legrand AV](#)
- e) e) 3 rooms will receive short throw projectors
 - a. [PowerLite L210SW Wireless WXGA 3LCD Short Throw Lamp-Free Laser Display | Products | Epson US](#)
 - b. [Short-throw Wall Mount ELPMB64 | Products | Epson US](#)
- f) 6 Spare Projectors
 - a. [PowerLite L530U Full HD WUXGA 3LCD Laser Projector | Products | Epson US](#)
 - b. [Custom Micro-Adjustable Projector Mount \(ELPMBPRH\) | Products | Epson US](#)
- g) 123 projectors and mounts will be procured and installed

As far as cables go, the cables are only a box sale so no need to worry about those. Those just need to be purchased and handed over to us. The only installation we are asking of vendors is for the projectors and projectors mounts as well as reconnecting old cables and configuring the projector settings to turn on and off with our Extron control systems.

Question: Like we mentioned to them needing to know are there any locations where any special ladder or lift is needed to swap projectors

Answer: There should not be locations where a lift if needed, a tall ladder may be needed. If a lift happens to be needed, GVSU can provide a lift.

Question: Is the winning bidder to provide drawings? Are there existing system drawings that have to have the projector model updated? Drawings would have to be provided. Just wondering on engineering hours.

Answer: We will not need drawings provided and we will not provide drawings as the swap is a one-to-one projector swap.

Question: Is there a parking pass that is needed on the Allendale campus? Looking to avoid tickets.

Answer: There are plenty of service spots on the GVSU campus in Allendale and Grand Rapids. Please use the service spots as available and I'll work with parking once awarded to get a pass for the duration of work.

Question: What model of projector(s) do the spares need to be?

Answer: The spare projectors will be the Epson PL530u Projectors

Question: For the (104) Extron USBC super speed Cables is there a desired length?

Answer: Please use the Extron USB-C 5GPS cable part #26-715-06 at 6'

Is the Peerless PRGS-UNV Universal Projector Mount acceptable as an alternate to the Epson ELPMBPRH mount? (see attached)

Answer: Please use the ELPMBPRH mount. Our staff is most comfortable and familiar with using this mount.

Can our installers stay in one of the dorms while they are working on this job?

Answer: No, we are not able to arrange that due to summer projects, cleaning, etc. of the dorms.

The Extron USBC super speed cable comes in a maximum length of 30ft. Will this be long enough to reach the projector in each room?

Answer: Please use the Extron USB-C 5GPS cable part #26-715-06 at 6'. This will be box sale only and does not need to go to the projector. Each projector will have an Extron receiver and HDMI cable already attached for this.

The areas where there are high projectors, how high is it? Can Scissor lifts possibly be used?

Answer: There may be some rooms that are higher than 10 Feet. I will work on getting that information readily available for room heights. If a Scissor lift is needed, we can work with GVSU facilities to deliver a lift to us.

Will the school provide pallets or Boxes, or something to put the old projectors and mounts in? where do those need to be delivered to and how?

Answer: A room for storage of these items will be provided. We can also get you a cart or dolly as needed if you'd like to move the old projectors around. Please note we will still plan to use the old units as our spare pool for other classrooms.

Would badges or security be available to let us in on nights or weekends?

Answer: We will work with facilities and security to get you keys or access to spaces that will need attention outside of normal business hours.