

Project Q & A

Project Owner:	Clarkston Community Schools
Project Name:	Elementary Gym AV Systems
Issue Date:	December 28, 2023

Project Questions and Answers:

This document provides answers to questions asked by bidders who have reviewed the Technology Request for Bid for the above referenced project.

Q1	Please confirm that network cabling, connection points or network equipment is not part of the scope for this contractor.
A1	Per the contract documents, network cabling and power reconfiguration are not part of the scope of this work. The Owner will coordinate any such needs with the awarded contractor. Connection to the network and power (patch cables and equipment power plugs) is part of the scope of this work.
Q2	Please provide a link for the pictures of each of the schools.
A2	This was provided for all persons who have requested it. The following google link provides access to view the pictures: https://drive.google.com/drive/folders/1eyZhW5ixgYqZUPTJ9pYyvMFyHaAefZcC?usp=drive_link
Q3	Please provide the distance from the projector to the screen for Independence Elementary Gym.
A3	The projector distance from the screen is approximately 82 feet.
Q4	Pg 40 2.10 E. Are you asking for additional cables or are you stating that the vendor needs to provide the HDMI from the VIA GO2 located at the projector to the projector and a network cable to connect to the building network? Can you please clarify what this item's intention is? Is it the plan that the District will bring the network to the projector or should the vendor bring the network to the equipment rack location? Can the CA-70 voice amplification system be located outside of the equipment room and rack? Could this be mounted by the Crestron control panel. (please forgive me if this is a repeat)
A4	No "additional cable" is expected or intended. All interconnecting cable for a fully functional system is required. The Owner will provide reasonable electrical modifications to support the installation as well as tested and certified category

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	cables to existing PoE Ethernet switches at each device location requiring network connectivity. Any system-dedicated device point-to-point cables are the Contractor's responsibility.
Q5	Please confirm that electrical is not part of the scope for this contractor.
A5	See QA1
Q6	Please provide an estimated distance from projector to the screen for Springfield Plains Elementary as this appears to be a shorter throw distance.
A6	The distance between the projector and screen at Springfield Plains Elementary may be adjusted by the Contractor awarded the project. The Owner's expectation is that the projector will be ceiling mounted approximately 18-20 feet from the screen location.
Q7	Please confirm that projector and screen heights will be determined after the award.
A7	Final mounting heights of materials will be coordinated with the awarded contractor's installation team.
Q8	Are projector cages going to be added to the bid scope?
A8	Yes. See Addendum #1.
Q9	Are all screen locations to be surface mounted?
A9	Yes.
Q10	Are projectors to be mounted off of the wall or pole mounted from the ceiling structure?
A10	Where projectors are across the gym (typical), mounting on a shelf on the opposite side of the gym from the projector is preferred. Projectors should be mounted from the ceiling structure where a wall-mounted shelf is not feasible.
Q11	Please confirm that the Voice Amplification system and Kramer VIA GO2 are the only audio sources to this system.
A11	This is not correct. The document requires a 3.5mm input and Bluetooth inputs in the gym. See Section 27 41 16.2.07.
Q12	Is there no need for additional audio sources like Bluetooth?
A12	Bluetooth is included in the document. See Section 27 41 16.2.07 E.

Q13	Please confirm that all equipment rack locations have access to gym ceilings for cabling, an existing pathway from the existing rack location.
A13	This is not the case. Contractors should plan to provide appropriate low-voltage pathways and at least one wall penetration with a sleeve from the new rack location into the gym ceiling space.
Q14	Please confirm that the location for the new touch panels should be in the old rack locations.
A14	This is correct.
Q15	The Crestron TSW-770-B-S requires POE to power the panel. Should this contractor provide a POE source or will Clarkston Schools provide a network switch that has POE capability?
A15	All network cabling to Owner's existing PoE switches will be provided by the Owner. Contractor shall provide all necessary patch cables for connection.
Q16	What is the height of the truss at Springfield Plains that the projector needs to be attached to? What is the estimated distance from projector to screen that was determined?
A16	The truss height (to bottom) at Springfield Plains is approximately 20 feet from the finished floor. See QA6 for projector to screen distance.
Q17	In the event that there is painting on the wall or murals in the location for the projector or screen; such as at Pine Knob, are we authorized to use that location?
A17	Wall mounting heights will be coordinated with the awarded contractor. Bidders should plan to mount the screens as indicated regardless of wall conditions.
Q18	Pg 27 41 16-37 2.04 B Will the District be open to other speakers of compatible performance? Are cabinet speakers similar to those currently on the side wall acceptable?
A18	Per the bid documents, the Owner is open to alternative products that have equal or better performance and can be mounted as specified. Wall mounting of speakers should be bid as an alternate.
Q19	Pg 27 41 16-40 2.07 E Can the Bluetooth Receiver/Transmitter be located beside the control touch panel which will be located at the "old" rack location?
A19	Yes.
Q20	Do you have a specific Bluetooth device the District would like to use?

A20	The document does not specify a particular Bluetooth model/device.
Q21	Do they need a media player or will Bluetooth suffice?
A21	No media play is specified.
Q22	Do you really want the amplifier mounted on top of the projector? Should this equipment be located in the racks?
A22	Technically there are two “amplifiers” in the project for each gym. The main amplifier for the specified speakers is to be located in the rack. The microphone system specified has an amplifier component. That device may be mounted either in the gym or the rack as coordinated with the Owner.
Q23	I wanted to confirm about the speakers that were selected for the gyms. Can we provide another solution that is intended for this type of space and angled ceilings?
A23	See QA18.

END OF QUESTIONS AND ANSWERS #1