TabbTech

Communications and Technology
Planning and Design   John A. Tabb, RCDD

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Nokomis Broadcast System Questions

NOTE: Due to the short timing between the earlier due date and the answer of these questions the due date for proposals is being pushed back to <u>Wednesday December 11th at 2:00 PM</u>.

1. Is there a functional description of minimum system requirements? **A: Primary function of the system will be the broadcast and recording of live sports events and performances in the theater. Broadcast will be both local CATV channel and streaming through the school website.**
2. What are the main priorities as opposed to "nice to have?" A: **Cameras, switcher, TV's for multiviewers, cabling, conversion gear, and computer for CG interface are all must haves.**
3. Please confirm location use cases:
   -Is the "video production room" only for the equipment operators? **A: Yes**
   -What area (s) is/are being used for "the talent?" Is there a Green Screen in the classroom or is the classroom for viewing/debriefing only? **A: There is a green screen being integrated to the Broadcast classroom, but this is not a dedicated studio.**
   -Are they doing live recordings of sports games in the gym? Or, is the gym being used as a viewing location? **A: Both. The system will be used for recording and broadcast of events in the gym and auditorium, but both of these spaces have large projection systems so it is expected that they will be used for presentations as well.**
   -Is the auditorium part of this system? If so, are shows/presentations/recitals being recorded and streamed or is it just for viewing? **A: See above.**
4. What existing equipment, if any, are we integrating with? **A: None is assumed at this time.**
5. Where is the rack located? Is the rack going to have any existing equipment in it? **A: In the control room. No existing equipment to be located in the rack.**
6. Can we distribute video over existing IP infrastructure? This would be preferable since it would eliminate the need for a lot of hardware, provide flexibility of user functionality, and allow for low cost future expansion. **A: We can discuss the addition of an encoder to the system during the design refinement phase of the project.**
7. Would we be using existing infrastructure, or do you need us to specify a switch? If so, who are the approved vendors? Keep in mind, the switch must allow mDNS and IGMPv3. **A: See answer to #6 above.**
8. How many talent setup locations are there? **A: 1**

9. How many viewing locations are there? **A: Viewing shall be via webcast and the CATV system for the town.**
10. How many students will be working in the video production area at a time? **A: 8-10.**
11. Are the products listed in the equipment list a hard specification or are substitutions allowed? **A: Substitutions of equipment of equal or higher quality and capabilities is allowed. When reviewing proposed alternates extra weight will be given to the substitutes expected longevity and robustness, as the opportunity to replace items in the future is likely to be a long time off.**