

NPSD Planetarium Hardware and Software System Bid Questions & Answers
As of 01.31.22

1. Should the digital planetarium system include a control desk or console to contain the new system computer/s and support system monitor/s and keyboard?
Furniture to hold the planetarium hardware (excluding projector) will be provided by the district.
2. Should our bid include extraction of any existing planetarium equipment?
No, the district will remove the existing equipment.
3. Will the new, digital fulldome system need to connect to an existing sound or cove lighting system?
The new system would need to connect to the existing sound system, but would not need to connect to the existing cove lighting system. Please see Addendum # 1.
4. On page 8 (vendor's/contractor's qualification statement), item 4 is entitled "trade references." Would that be customer references? If not, please explain what is sought in that item.
Customer references should be provided.
5. For general term 26, to whom do we submit the Byrd Anti-Lobbying Act form--to the school district?
If the bid exceeds \$100,000 the Byrd Anti-Lobbying Certification form should be completed. The form can be found at www.npenn.org.bidspec.
6. Is the vendor expected to integrate the planetarium system with the existing audio system? If so, we will need details about the audio system, including: Please see Addendum # 1.
 - a. What type of audio system do you currently have? - The audio system is currently an analog, stereo system feeding four speakers located in the dome.
 - b. Is it analog or digital? - The audio system is currently an analog system.
 - c. How many channels--stereo? 5.1? 7.1? The audio system is currently a two-channel stereo system.
 - d. What type of physical inputs are to be used? The audio inputs into the system are currently feeding into an audio mixer; we can take almost any type of analog audio connection; 1/4 inch, 3.5mm, XLR, or RCA.
 - e. Are the inputs located at the console desk? If not, where are the inputs in relation to the console desk (distance)? The audio mixer is located next to the equipment rack, next to the console. Cabling needs would be under 3 meters.
7. In the planetarium hardware specifications section about the computer: There are two bullet points about a separate production computer, one at the very bottom of page 11 and the other at the top of page 12. The language of the two bullet points is similar but not identical:
 - a. Separate production computer system to allow for creation of planetarium programs outside of the planetarium, which can also be used as a backup control computer.
 - b. Must include a separate laptop or PC computer well suited to run the same, planetarium real-time software as the full dome system, for preparing shows and visuals off-line.The second bullet point is intended to clarify the text from the prior bullet.

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8. The Emerald requested system is superior to the required specifications and competing models in the areas of Brightness, customized optics, computing and more.
 - a. Let me know if you would like us to quote the benefits of the GOLD-PLUS-LASER-2.4K system. Alternatively, let me know if you would like us to offer reduced specifications (i.e. lower brightness, standard optics and more).
 - b. If you do prefer to get a quote for the advanced system, (as initially required), kindly let me know where in the proposal to emphasize the superior specs of our system.

Vendors must bid systems that meet the minimum requirements as detailed in the bid specifications. Please see Addendum # 1.