



Procurement and Contracting Services

Request for Proposal to provide Arizona Public Media New Facility Broadcast Systems Integration

ADDENDUM #2

**Please mark all proposal submission
Envelopes with the following information**

**RFP #L192320
Due on June 5, 2023 no later than 2:00 PM, MST**

The following questions were received prior to the close of the Technical Question period on May 19, 2023 at 12:00 PM MST:

1. Can you please confirm there is no deliverable required in our response to the RFP regarding item 4.3.1 Electronic and Information Technology?
The form is required for information purposes only. Please have suppliers provide the requested information.
 2. Please provide the make and model numbers of the NPR satellite receivers that will be incorporated into the new facility.
ATX XDS-PRO4S C-Band MCPC and internet receivers Qty (3).
 3. Please provide the make and model numbers of the PBS satellite receivers that will be incorporated into the new facility.
Ericsson RX8200 Qty (9) and Qty (4) Sencore AG-2600 in Ross Frames for WARN.
 4. Please define how the 10 Dell servers are going to be used for the RCS Zetta radio Automation.
 1. FILESERVER/DATABASE ZETTA DELL PE R740XL 2.6GHz 32GB 6x 1TB
 2. BACKUP FILESERVER/DATABASE DELL PE R740XL 2.6GHz 32GB 6x 1TB
 3. KUAT-FM OnAir/Ctrl/Sequencer Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 4. KUAZ-FM OnAir/Ctrl/Sequencer Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 5. Newsroom/Ctrl/Jazz Sequencer Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 6. Prod 1 Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 7. Prod 2 Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 8. Prod 3 Dell 1 RU 3930, 3.4 GHz, 16GB RAM, 512 GB SSDx2 (RAID1), Win 10 Pro
 9. Traffic Manager Dell Pre.T5820, Win10, 2x512GB (RAID1) SSD, 2.9Ghz, 16GB RAM
 5. Do the 10 Dell servers listed have Analog or AES I/O? If so, please specify the I/O card make and model number.
No.
 6. Do the 10 Dell servers listed have existing Wheatnet audio drivers? If so, please specify which version of Wheatnet or Wheatnet IP audio driver is installed.
Version 3.7.8.
 7. Please provide make and model numbers for the 2 Streaming Radio Encoder servers.
-

StreamS Live Encoder

8. If these are computers, please identify the make and model of the audio I/O installed (if any).

None

9. Wheatnet 1RU Blades - Given the high quantity of Blades listed in Item 12, it appears AZPM intends to migrate a lot of radio gear from the old facility to the new facility.

- a. Please provide a statement clarifying AZPM's intention of the scope and scale of migrating existing radio gear from your current facility to the new building, and how execution of such a transition is envisioned to be executed.

It will be a phased move. KUAT will be moved first, then KUAZ, etc. The core routers will be replaced along with a minimum number of blades to support the move. There will also be a high band network in place so that both facilities shall be connected and can share resources during the transition.

- b. Please provide a list with model numbers of the 25 Wheatnet Blades intended for reuse.

IP88-A Qty (8)

IP88-D Qty (1)

IP88-AD Qty (6)

IP88-E Qty (2)

IP88-M Qty (2)

IP88-CB Qty (2)

Aur a8IP Qty (1)

IP88-CBE Qty (2)

PC Driver Qty (12)

Rev 2 Qty (20)

Blade 3 Qty (4)

Sources (428)

Stereo (231)

Mono (118)

LIO (7)

Destinations (476)

Stereo (391)

Mono (49)

LIO (36)

Silence Detect (8)

- c. Please provide a list with model numbers (and serial numbers if possible) for the Wheatnet core switching device shown."

Core switches will be replaced with the latest Cisco type TBA approved by WheatStone.

10. Section 3.8: What is the maximum file size that can be uploaded to the Box site? (We have experienced problems in the past when required upload sites were not able to accept large Proposal files). Will there be tech support available if there are issues with uploading to the Box site on June 5?

The max file size is 50GB. Please make sure to submit early to ensure that technical problems do not cause your proposal to be late as procurement cannot provide technical support.

11. Section 4.12: Please provide clear direction on the requirements to include Sales Tax for this project. Please indicate if Sales Tax is applicable to each of the categories listed below and at what rate Sales Tax should be included in Respondent's Proposals.

1. New Project Equipment
2. New Project Equipment Installation Materials (Cable, Connectors, ty wraps, etc.)
3. Project Labor
4. Project Labor Expenses (Hotesl, Cars, Meals, etc.)
5. Project Freight
6. Vendor Training
7. Vendor Extended Warranties and Support

AZPM is nonexempt, it is up to the respondent to determine what is taxable/non-taxable.

12. Section5.7.7: This RFP provision indicates a requirement for all Design and As-Built system drawings to be produced on 11x17 paper. Requiring the use of 11x17 paper means surprisingly little information can be contained on one page, (while being large enough to read), which then requires considerably more pages and flyoffs from one page to another to convey a full system, which will drive up project cost (for additional CAD labor). Will AZPM accept larger drawing sizes (ANSI D&E) size docs for this project?

D size is OK.

13. Section5.7.7: Please confirm Excel is an acceptable file type for the cable listing and I/O tables, etc.

Excel is OK if synced with ACAD drawings.

14. Section5.8.8: Please confirm the requirement for 10 channels of a software-based play/record system is for a total of 10 channels playing or recording at any one time, (and NOT 10 simultaneous records with 10 simultaneous playouts for a total of 20 channels).

10 channels I/O total that can either play or record.

15. Section 5.8.8: Does AZPM envision using existing (once relocated) Qumulo storage for supporting all studio recording and playout channels, edit rooms, MAM, transcode operations and other ad hoc content storage requirements, or should a
-

new separate storage system be included in Respondent's Proposals for these requirements?

Yes, Qumulo will be used to support all of these needs.

16. Section 5.12.5: If AZPM envisions using existing Qumulo storage for all content recording/playing/editing/transcoding etc. there would be concerns that Qumulo can support the sustained bandwidth for the potentially high number of simultaneous UHD flows that may be required. Please provide information on the existing Qumulo storage, including specifications for sustained read/write performance and the types of network interfaces available.

The cluster is capable of 10 Gb/sec writes and 14 Gb/sec reads per node and each node has a 100Gb connection to the network. Our 4-node system can do 40 Gb/sec write and 56 Gb/sec reads with optimal flow distribution. Our highest quality house format is expected to be prores422HQ which averages 1Gb/sec for UHD.

17. Section 5.27: Considering the scope of the project will be a multi-million dollar effort, is the University's preferred Credit Card payment method as outlined applicable?

ACH will be used for payment.

18. Section 5.28: Is AZPM seeking financial references or project references?

Both.

19. Section 6.5: Please confirm Proposal Bond (Bid Bond) is not required, per direction 3.7.14 (page 10)

Not required.

20. Section 6.6: Please confirm Performance Bond is not required, per direction 3.7.15 (page 10).

Not required.

21. Section: 6.7: Please confirm Payment Bond is not required, per direction 3.7.15 (page 10).

Not required.

All else remains the same.
