

## REQUEST FOR PROPOSALS

Kansas City PBS supports the Kansas City Metro and beyond with quality digital and broadcast programming highlighting arts, culture, history, science, and nature. This content is created in a newly renovated headquarters located in the heart of midtown Kansas City. The station has faithfully served the community for more than half a century with TV Studio A serving as a creative hub for content production. As the broadcast television landscape has evolved, the studio has remained largely unchanged as it continued to provide the necessary infrastructure to support station staff. As we enter 2024 and recently performed an audit of our workspaces following a major building renovation, we identified the following technological and equipment needs to advance our services and continue to support our audiences in the face of an ever-changing industry of content production.

**BRIEF OVERVIEW OF THE PROJECT:** Kansas City PBS is looking for a contractor to support the following upgrades/equipment replacements. This support will include integration design, equipment sourcing, commissioning and training (as applicable). Comprehensive equipment list can be found in Appendix A.

- Camera Chain Replacement
- Remote Production Upgrades (LiveU, Catch Server, Bridge Server)
- Studio Camera Replacement- (Cameras x5, Robotic Pedestal x5, Prompter Hood)
- Studio Technology Upgrades- (Cue Script, Payout Server)

**PURPOSE OF THE RFP:** The purpose of this RFP is to gain access to competitive quotes to ensure grant funding is spent responsibly and supports the full project scope.

### DETAILED DESCRIPTION OF THE PROJECT OR SERVICES REQUIRED:

Potential vendors will be required to provide a comprehensive design build for upgrades listed above, equipment sourcing and project management and training throughout the implementation process to ensure a smooth integration of new technology and hardware.

Vendors will need expertise in broadcast and remote television technology solutions and Camera Systems and will be able to provide support from engineers, project managers, service technicians, and training staff.

- Five-year warranty/Software upgrades
- Training and Commissioning at KCPBS
- Shipping must be included in final cost proposal

**PAYMENT TERMS:** 50% with order; 10% with delivery; 40% after installation/commissioning and training are complete.

**TIMELINE:** Vendor must be able to conclude all services prior to **January 1, 2026**

### CRITERIA FOR EVALUATING POTENTIAL VENDORS:

Criteria for final evaluation include:

- Timeline
- Total Project Cost

- References
- Past Successful Projects

**DEADLINE FOR SUBMISSIONS: January 5, 2024**

**INSTRUCTIONS FOR PROPOSAL SUBMISSION:** Interested parties with the ability to design studio solutions, source equipment and training, and to support product commissioning are encouraged to reach out to [khudson@kansascitypbs.org](mailto:khudson@kansascitypbs.org).

Proposal Guidelines:

- Please use subject line: KCPBS Studio Upgrade RFP
- Please submit a letter on company letterhead indicating interest, overview of company services/operations and past comparable projects.
- Please provide an approximate project cost and timeline.
- Please submit at least two recommendations from past customers.

## APPENDIX A | EQUIPMENT LIST

### Telemetrics

1. Control Panel
2. RCCP-2A ROBOTIC CAM CNTL PANEL
3. STUDIO CONTROL SYSTEM (STS)- Studio Control Software for RCCP-2A Controller. Includes 21.5" Touchscreen (Video Router for thumbnails not included.)
4. Device Server-DS-4 Device Server and RJ-45 adapter(s)
5. PT-LP-S5 PAN/TILT HEAD BUNDLE- Includes: PT-LP-S5 Pan/Tilt Head, Camera/Lens Interface Cable for Camera CCU Controls, Camera Power Cable, Camera mounting hardware and Mounting Bracket
6. (RCMC)-RCMC-1 ROBOTIC COLLABORATIVE MANUAL CONTROL KIT BUNDLE-Includes: RCM Manual Override Hand Controls, Left- Right, (2) RCM-IEB Interface Box, Data Cables
7. MA CONFIDENCE MONITOR MOUNT
8. Commissioning and Training
9. Factory Warranty

### Grass Valley 5x LDX92 Compact and 1x LDX92 Full

1. LDX C92 Compact- Supports 1080i, and 720p formats - Optionally supports 1080PsF formats - Optionally supports 1080p formats - Optionally Supports HDR - HLG, PQ, S-Log3 (5)
2. 120W power supply for LDX Compact Series (5)
3. LDX 92 Camera head'- Supports 1080i, and 720p formats - Optionally supports 1080PsF formats - Optionally supports 1080p formats - Optionally supports up- converted UHD formats (1)
4. XF Universe Fiber Adapter '- SMPTE Lemo - Supports all HD video formats including 1080p50/59.94 - Supports 4K formats - Supports up to 6x speed operation (1)
5. Tripod adapter plate'- For all portable cameras (1)
6. Mini wedge plate'- To be able to use GV cameras with Canon and Fujinon Large Lens adapters (1)
7. Grass Valley LDX92 Compact-Battery Plate w/Cheese Plate, 15MM Rod Clamp, 4- Pin XLR (V-Mount) (1)
8. Full Baseband XCU with full IP support option (1)
9. 12G SDI module (for XCU UNIVERSE / ENTERPRISE UXF) (1)
10. Native 7-Inch HD LCD viewfinder with articulated bracket - 1920 x 1080 (1)
11. EyeCatcher 200 2-Inch Ocular color viewfinder (1)
12. TV Logic 7" Lightweight (1.76 lbs), High Luminance (1,800 nits Max.) 1920x1080 10-bit LCD Field Monitor with Cast-Aluminum Body , 3G HD-SDI In/Out, HDMI In/Out, Sharpness + Peaking Boost, HDR Emulation, Custom 3D LUT Import and Camera LUT Support, Focus (5)
13. Small Rig Swivel and Tilt Monitor Mount with 2 x 1/4"-20 Screws (5)

14. CGP500 Creative Grading Panel (6)
15. 45W AC Power Supply (6)
16. Opt-3G-4-LDX 9- Perpetual 1080P option for LDX 92 - Supports 1080P 50, 59.94 formats - Supports LDX 92 and LDX C92 (6)
17. (Opt-HDR-4-LDX 92) Perpetual HDR option for LDX 92 - Enables HDR acquisition (PQ, HLG and S-log3) for LDX 92 and LDX C92. (standard in LDX (C)96 and LDX (C)98) (6)
18. Perpetual UHD 50/59.94 option for LDX 90 Series - Requires XF Fiber transmission - Not supported by LDX C92 and LDX C96 (1)
19. Perpetual 1080PsF option for LDX 90 Series - Supports 1080PsF 23.98, 24, 25, 29.97 formats (6)
20. Commissioning for 1 to 3 camera systems
21. GV Care - Prime SA for CAM, Year 1 (1)
22. GV Care - Prime SA for CAM, Year 2 – 5 (4)

#### Grass Valley LDX98

1. LDX 98 Camera head'- Supports 1080i, 720p, and 1080p formats- Supports HDR: HLG, PQ, S-Log3- Optionally supports 1080PsF formats- Optionally supports 3- speed HD/3G formats- Optionally supports 6-speed HD/3G formats- Optionally supports native UHD formats (1)
2. XF Universe Fiber Adapter'- SMPTE Lemo- Supports all HD video formats including 1080p50/59.94- Supports UHD formats- Supports up to 6x speed operation (1)
3. Grass Valley Tripod Adapter Plate (1)
4. Mini wedge plate - To be able to use GV cameras with Canon and Fujinon Large Lens adapters (1)
5. Full Baseband XCU with full IP support option (1)
6. 12G SDI module (for XCU UNIVERSE / ENTERPRISE UXF) (1)
7. Perpetual UHD 50/59.94 option for LDX 90 Series'- Requires XF Fiber transmission - Not supported by LDX C92 and LDX C96 (1)
8. Perpetual 1080PsF option for LDX 90 Series - Supports 1080PsF 23.98, 24, 25, 29.97 formats (1)
9. Native 7-Inch HD LCD viewfinder with articulated bracket - 1920 x 1080 (1)
10. EyeCatcher 200 2-Inch Ocular color viewfinder (1)
11. CGP500 Creative Grading Panel (1)
12. 45W AC Power Supply (1)
13. Commissioning for 1 to 3 camera systems
14. GV Care - Prime SA for CAM, Year 1 (1)
15. GV Care - Prime SA for CAM, Year 2 – 5 (4)

#### CueScript

1. 17" CSMV2 On-Camera Prompter System, Large Includes: 17" CSMV2 monitor, mounting hardware, large molded hood and glass 2110 SFP and license sold separately (3)
2. Counter Balance Weight, Heavy- Set of 4 bars, 19mm rod attachment Total weight of 25lbs/113kg For large mount purple and extra large mount purple (3)
3. 3" Riser for CSMV2 For large mount purple (3)
4. 6" Extension Rods, 19mm For large mount purple (3)

5. Time Display-Includes: Mounting hardware and USB cable (3)
6. 22" Talent Monitor Package-Includes: single arm mount and XLR power cable (3)
7. CueiT Production Prompting Software Package-Suitable for all productions not connecting to an NRCS Includes: CueB with Production license, power supply, USB and Ethernet cables, CSSC with USB and Ethernet cables Power supply not included for CSSC (3)
8. CueiT macOS License- Includes software compatible with macOS / OS X only Compatible add-on for News and Production license types (3)

#### LiveU

1. IP Pipe Connection for Camera Control IP PIPE data channel between control room and IP control camera (Per camera, per year pricing) (1)
2. IP Pipe Connection for Camera Control IP PIPE data channel between control room and IP control camera (Per camera, per year pricing) External 3G/4G/5G dual antenna (4)
3. LU4000 Single Output 4K or Quad HD Server (1)
4. LU810 HEVC Multicamera encoder with internal 5G modems (1)
5. LU Pay-Per-Use package; Billed monthly at \$15 per GB used (12)

#### Ross-TRIA

1. Tria Express Duet Production Server Software Suite - TWO CHANNEL
2. Tria Express DUET Production Server Hardware / AVC-Intra / 38-Hour Media Storage
3. Tria Express | Training & Commissioning
4. Tria Express DUET Production Server: Commissioning

#### AJA Live Bridge and Fujinon Lenses

1. BRIDGE LIVE Multi-Channel Video Encoding, Decoding, Streaming and Transcoding (1)
2. BRIDGE LIVE Maintenance License (3 Years) (1)
3. UA27x6.5BESM-E45 4K Plus Premier Series Box Lens with 2x Extender (1)
4. SS-21DC Full-servo lens controls for Fuji BOX lens (1)
5. ELH-112B-35A Box lens support bracket (1)