

## REQUEST FOR PROPOSALS

Kansas City PBS is a cornerstone of the community, serving the Kansas City Metro and beyond with top-notch digital and broadcast programming. Nestled in our newly renovated headquarters in midtown Kansas City, we've been a steadfast presence for over half a century, utilizing TV Studio A as a vibrant hub for content creation. While our commitment remains unwavering, we recognize the need for evolution in the face of industry changes. Following a recent audit post-major renovation, we've identified crucial technological, and equipment needs for 2024. These upgrades will not only enhance our services but also ensure continued support for our diverse and dynamic audience.

**DETAILED DESCRIPTION OF THE PROJECT OR SERVICES REQUIRED:** Kansas City PBS is requesting proposals to expand the functionality of the current broadcast router. The station is looking for a vendor/contractor to provide fiber optic-based input and output hardware that is compatible with our existing router frame. The selected vendor will also provide and install armored optical fiber inside of the existing cable tray in Kansas City PBS' facility.

**PURPOSE OF THE RFP:** The purpose of this RFP is to gain access to competitive quotes to ensure grant funding is spent responsibly and to ensure a fair bidding process per Kansas City PBS' Vendor Selection Policy.

**PAYMENT TERMS:** Payment in full upon receipt of final invoice after project completion. Net 30 Days.

**TIMELINE:** Vendor must be able to conclude all services by **December 31st, 2025**.

### CRITERIA FOR EVALUATING POTENTIAL VENDORS:

Criteria for final evaluation include:

- Timeline
- Total Project Cost
- References
- Past Successful Projects

**DEADLINE FOR SUBMISSIONS:** March 22, 2025

**INSTRUCTIONS FOR PROPOSAL SUBMISSION:** Interested parties should direct questions or submit requested materials 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

## Equipment Specifications & Scope of Work:

### Fiber Optic Cabling & Fusing

- Provide and Install 350 Feet of 24 Strand OM3 or OM4 single mode armored optical fiber cable to connect IDF in Building 1 with Server Room in Building 4.
- Provide and Install Single Mode Fiber Panels in existing Corning Closet Connector Housings
  - 24 strands with LC connectors in Building 1 Corning Closet Connector Housing
  - 24 strands with LC connectors in Building 4 Corning Closet Connector Housing
  - Fuse all fiber strands to Corning CCH panels in both locations
  - Test and certify all fiber strands between the 2 CCH panels

### Router Hardware

- All equipment proposed must work with Kansas City PBS' existing Grass Valley Sirius 840 router frame.
- Provide 1 Router Fiber Input module that supports at least 8 inputs
- Provide 1 Rear Panel Input module that supports at least 8 inputs
- Provide 8 SFP modules for the input module rear panel
- Provide 1 Router Fiber Output module that supports at least 8 outputs
- Provide 1 Rear Panel Output module that supports at least 8 outputs
- Provide 8 SFP modules for the output module rear panel
- Provide Professional Services for hardware commissioning, if needed. Station engineering personnel will install the hardware provided in the existing router frame.

### Baseband to Fiber Optic Converters

- Open Gear compatible hardware is preferred by the station.
  - Provide 1 Open Gear frame with redundant power supplies.
- Provide 8 channels of 12G-SDI to Single Mode LC Fiber transmitters. 2 channel cards are acceptable.
- Provide 8 channels of 12G-SDI to Single Mode LC Fiber receivers. 2 channel cards are acceptable.
- All 12G-SDI connections must utilize full size BNC connectors.