

## KVCR UHF to VHF Transition / KVCR Technology Core Modernization Project Updates

### UHF-to-VHF TRANSITION

#### **SCOPE**

KVCR will be transitioning from ultra-high frequency (UHF) channel 24 to very-high frequency (VHF) channel 5. The scope includes replacing the existing transmitter and antenna solutions systems located at 10550 Box Springs Mountain Rd., Moreno Valley, CA 92324. District Facilities Planning & Construction and KVCR have formed a collaborative and expert team and are working towards the successful delivery of this project.

#### **SCHEDULE**

The project has five major milestones. The District has successfully fulfilled the first two.

1. File FCC construction permit by July 12, 2017. ✓
2. Tower permit received on October 2, 2018. ✓
3. Complete construction of new tower by January 31, 2019. ✓
4. KVCR goes live with VHF transmission by March 25, 2019 (FCC deadline April 12, 2019).

#### **CHALLENGES**

- It has been recently uncovered that the FM antenna systems at the KVCR studio tower at SBVC need to be replaced and raised higher on the tower profile in order to provide the proper transmission frequency to the new antenna systems at the new tower at Box Springs in Moreno Valley. This may require Division of the State Architect (DSA) involvement in order to justify the loading requirements and procurement and installation of these antenna systems. The analysis has been submitted to DSA for review and approval. Any delay by DSA will not impact the FCC transitioning as this pertains to the FM and not TV.

#### **PROCUREMENT**

- All in place.

#### **CONSTRUCTION PROGRESS**

- The new tower was fully erected on January 28, 2019 and ready to receive TV and FM Antenna. ✓
- New TV antenna system at the Box Springs facility has been complete by Jampro Antenna and will be operational by March 25, 2019.
- New TV transmitter at the Box Springs facility has been complete by GatesAir Inc. and will be operational by March 25, 2019.

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### **THINGS TO FOLLOW**

- The lease agreement with the Henry Broadcasting at Box Springs, Moreno Valley has been amended.
- Installing new KVCR FM studio antenna system at SBVC by March 31, 2019.
- Declare a successful transitioning with FCC by March 31, 2019 (FCC due date is April 12, 2019).

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### **TECHNOLOGY CORE MODERNIZATION**

#### **SCOPE**

KVCR will be transitioning from ultra-high frequency (UHF) channel 24 to very-high frequency (VHF) channel 5 and will need to upgrade its existing technology and equipment to accommodate the transition. The project scope includes modernizing and updating the TV and radio studio to better serve the station and community.

The overall scope of this initiative includes two major components:

1. Technology & Equipment Upgrades to TV and Radio Station at KVCR facility.
2. Space Repurposing, Reutilization, and Maximization.

#### **SCHEDULE**

- Hire a professional consultant (program manager) to oversee the project from programming development to closeout under the supervision of District staff. ✓
- Scope development, perform needs assessment, and develop an overall budget. ✓
- Solicit a design professional team to design the system upgrade by February 8, 2018. ✓
- Procure TV and Radio station equipment separately by August 2018. Recommendation has been submitted to the BOT in August 9, 2018. ✓
- Solicit an integrator (contractor) to procure, install the technology upgrade by February 21, 2019 board date. ✓
- Received DSA permit for the building repurposing on January 2, 2019. Construction services procurement is in the process and will be submitted to for approval on February 21, 2019. ✓
- Complete the building repurposing and technology upgrade, procure furniture, and staff move back by August 30, 2019.

#### **CHALLENGES**

- Radio operation will be ongoing during construction work, which requires delivering a production trailer for KVCR personnel. KVCR will not be able to produce new TV shows during construction period, however KVCR will acquire new programs from PBS and continue recording programs.

#### **PROCUREMENT**

- All major construction procurements are in place except building furniture and KVCR field equipment.

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### **CONSTRUCTION PROGRESS**

- Relocate KVCR staff personal during construction progress.
- Start construction of technology upgrade and building repurpose by March 18, 2019 through August 31, 2019.

### **THINGS TO FOLLOW**

- Relocate at least 20 staff members from KVCR building to ATTC at the District temporarily during construction project, and deliver radio production trainers by March 25, 2019 for radio staff accommodation and production.



# KVCR UHF to VHF Transition / KVCR Technology Core Modernization \$16,000,000 Budget Update

