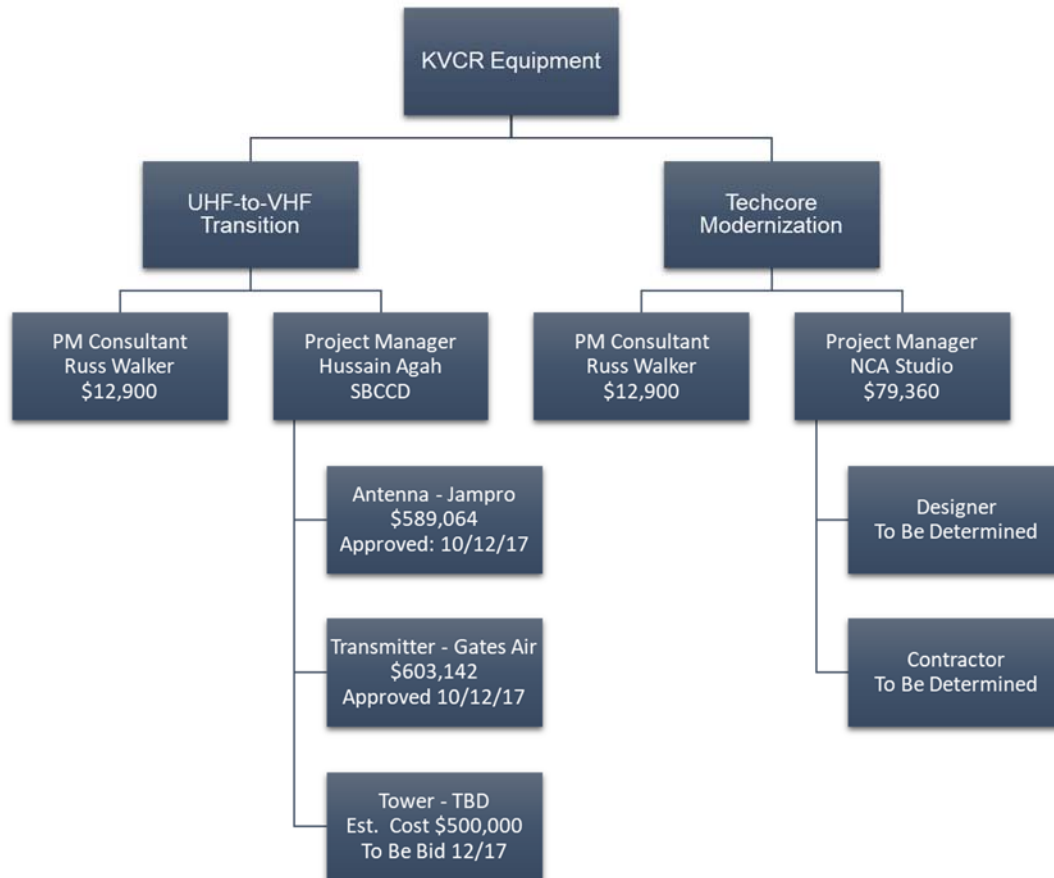


# KVCR Project Update



## 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 three major milestones. The District has successfully fulfilled the first one.

1. File FCC construction permit by July 12, 2017. ✓
2. Complete construction of new tower by December 1, 2018 and start testing.
3. Complete the installation of both antenna and transmitter solution systems by December 1, 2018.
4. KVCR goes live by April 12, 2019.

# KVCR Project Update

## CHALLENGES

It was uncovered that the existing tower does not comply with today's structural conservative codes. After further review and feasibility study, it is important that the District construct a new tower that is structurally sound and supports the new antenna. A Federal Aviation Administration (FAA) permit has been reviewed and received a contingent approval.

Constructing a new 345-foot structural steel broadcasting tower on top of the hill requires tremendous design and construction reviews by federal, state and local jurisdictions. The team is in the process of working toward filing the permit for constructing the new tower. It is imperative to start the design of the new tower to enable design of the antenna to be attached to it. It is also imperative that the tower is installed and permitted so the antenna can be erected and the transition complete by the FCC deadline to mitigate any potential penalties and loss of license.

## PROCUREMENT

**Antenna & Transmitter:** The board approved both vendors for antenna and transmitter solution system on October 12, 2017.

**New Broadcasting Tower:** District staff developed the RFQ/RFP for design-engineering services specialized in tower design and will submit the professional agreement before the board for approval on February 8. Once the design is complete, the District staff will issue a formal bid to solicit a specialized contractor to procure, manufacture and erect the tower.

## COST

It is hard to predict the total cost for the transitioning project at this time because of the unique scope of services and schedule restraints which are a result of many private and public broadcasting agencies transitioning at the same time. The total anticipated cost ranges from \$1.5 to \$2 million, depending on the proposals received. District staff and KVCR staff have managed this project initiative.

## THINGS TO FOLLOW

- Receive final FAA approval for new tower, potentially amending the lease agreement with the property owner at Moreno Valley.
- Develop a plan and schedule to procure design and construction entities for the new tower and obtain all applicable permits.

## KVCR TECHNOLOGY CORE UPGRADDE

### 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 also includes modernizing and updating the TV and radio studio to better serve the station and community.

# KVCR Project Update

## SCHEDULE

- Hire a professional consultant 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.
- Solicit an integrator (contractor) to procure, install the technology upgrade by December 1, 2018.

## CHALLENGES

It is imperative that the technology core equipment and system upgrades are complete and the transition is complete to maintain FCC deadline in order to mitigate any potential penalties and loss of license. **Part of the scope is repurposing the existing space, which will require a building architect and engineer to maximize for potential KVCR/FNX staff growth.**

## PROCUREMENT

Procure a design professional team through an RFQ/RFP and procure a contractor (or integrator) through a competitive public bidding process.

## COST

It is hard to predict the overall cost at this point without conducting a full assessment, design development and procuring the contractor to implement the work. The overall cost is projected to be approximately \$16 million.

### Techcore Modernization Expected Timeline

Task	Date	Board Approval Required?	Estimated Cost
Russ Walker (PM)	November - December	Yes	\$ 12,900
NCA Studio (PM)	November - Ongoing	Yes	\$ 79,360
Develop RFP to hire Designer	December	No	
RFP to hire Designer	January - February	No	
Select Designer	March	Yes	\$ 400,000
Designer to develop Techcore RFP	March - July	No	
RFP to hire Contractor	July	No	
Select Contractor	August	Yes	\$ 15,500,000
Contractor to perform Techcore Upgrade	September - Ongoing	No	

**Total Estimated Cost \$ 15,992,260**