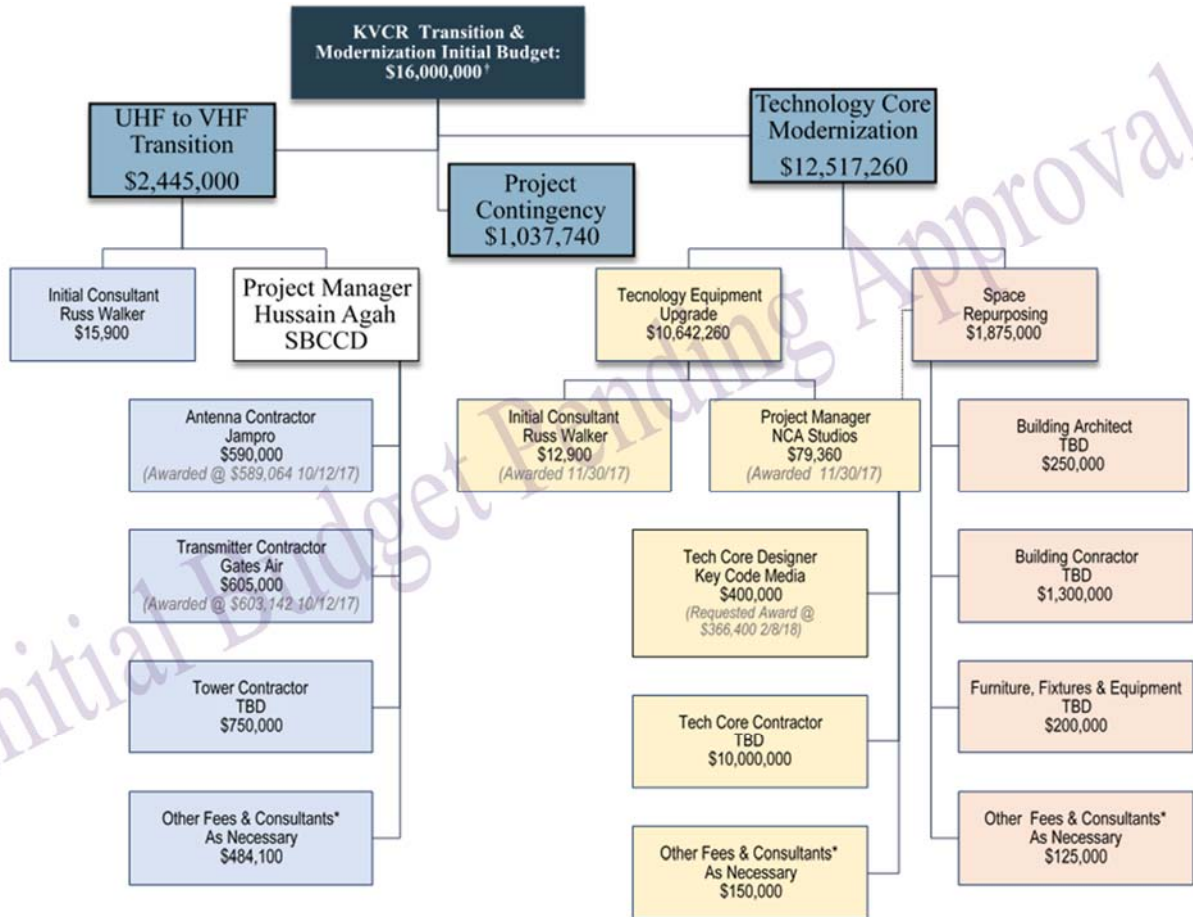


KVCR Project Update



*Initial budget pending approval.

*Various- attorney, engineer, environmental, inspection, permits, etc.

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.

KVCR Project Update

3. Complete the installation of both antenna and transmitter solution systems by December 1, 2018.
4. KVCR goes live by April 12, 2019.

CHALLENGES

- SBCCD awarded the construction bid to GatesAir for the transmitter solution system on October 12, 2017. GatesAir was the only prequalified company that submitted a bid for this project. Since then, the firm has been working on getting their California Contractor License in order to execute a public works contract with SBCCD. The Notice to Proceed is pending this licensure.
- 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. Contingent approval has been received for a Federal Aviation Administration (FAA) permit.
- 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.
- The original procurement of the design-engineering services was not successful. Due to the uniqueness of these towers, tower the manufacturing companies declined to provide design services only without a complete materials procurement, system fabrication and installation.

PROCUREMENT

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

New Broadcasting Tower: By deploying the Districtwide Prequalification program, staff has developed a second RFP for tower constructions services (including design) and the successful bid will be submitted to the Board of Trustees for approval on February 22.

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 \$2.0 to \$2.5 million, depending on the proposals received. District staff and KVCR staff have managed this project initiative.

KVCR Project Update

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.

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
2. Space Repurposing and Reutilization

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.
- 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 for both project components is about \\$12.0 – \\$12.5 million.](#)

KVCR Project Update

UHF-to-VHF Transition

	Task	Timeline	Estimated Cost
UHF to VHF Transition	Antenna Contractor RFP/Award (<i>Jampro</i>) ✓	October 2017 - December 2018	\$ 590,000
	Transmitter Contractor RFP/Award (<i>GatesAir</i>) ✓	October 2017 - December 2018	\$ 605,000
	Tower Contractor RFP/Award	February 2018 - March 2018	\$ 750,000
	Tower/Antenna/Transmitter Construction to Occur	March 2018 - December 2018	---
	Initial Consultant Cost (<i>Russ Walker</i>) ✓	July 2017 - September 2017	\$ 15,900
	Other fees & consultants as Necessary*	March 2017 - June 2019	\$ 484,100
	Total Expected Cost		

Technology Core Modernization Project

	Task	Timeline	Estimated Cost
Technology Equipment Upgrade	Initial Consultant Cost (<i>Russ Walker</i>) ✓	October 2017 - November 2017	\$ 12,900
	Project Manager Award (<i>NCA Studio</i>) ✓	December 2017 - December 2018	\$ 79,360
	Technology Core RFP/Award (<i>Key Code Media</i>)	January 2018 - February 2018	\$ 400,000
	Technology Core Design to Occur	February 2018 - June 2018	---
	Technology Core Contractor RFP/Award	July 2018 - August 2018	\$ 10,000,000
	Technology Core Modernization to Occur	August 2018 - April 2019	---
	Other fees & consultants as Necessary*	February 2018 - April 2019	\$ 150,000
Space Repurposing	Building Architect RFP/Award	February 2018 - March 2018	\$ 250,000
	Building Design to Occur	March 2018 - August 2018	---
	Building Contractor RFP/Award	October 2018	\$ 1,300,000
	Building Construction to Occur	November 2018 - April 2019	---
	Furniture, Fixtures & Equipment Procurement	November 2018 - April 2019	\$ 200,000
	Other fees & consultants as Necessary*	March 2018 - April 2019	\$ 125,000
Total Expected Cost			\$ 12,517,260

Project Contingency

Task	Timeline	Estimated Cost
Overall KVCR Transition & Modernization Contingency ~ 7%	October 2017 - April 2019	\$ 1,037,740

TOTAL INITIAL BUDGET† \$ 16,000,000

†Initial Budget Pending Approval