

It's real.

To: Mayor and City Council Members
Rick Cortes, Acting City Manager

From: Shane McDaniel, Director of IT

Subject: LCRA radio infrastructure upgrade

Date: November 26, 2019

Staff is requesting action on the FY19-20 capital budget project to upgrade the city's radio infrastructure from Motorola to a Harris P25 Phase II 700 MHz system through LCRA telecommunications services. Approval of this proposal will result in a PO to allow for the Harris radio infrastructure and end user handhelds, mobiles and base station hardware to be ordered by the city's new radio services provider LCRA. In addition to beginning the procurement process, the action is necessary to establish the timeline for the new system integration in calendar year 2020.

The LCRA radio hardware will total \$1,507,409.81 of the overlying \$1.835M project approved in the fiscal year budget. Subsequent actions will be requested in future phases to move the city to the integration and adoption of the new radio platform. Future actions will consist of building an external radio facility on the North Water Tower site to house the radio hardware, fire station alerting upgrades and dispatch voice recording for the new system. Dispatch encryption may be added contingent on the direction of Guadalupe County who will be moving to LCRA radio services concurrently.

The citywide migration is predicated by the need to upgrade and replace the existing 15-year-old Motorola Quantar radio platform scheduled to go end of support in 2020.

Staff recommends approval and is available to answer any questions at your convenience.