



Motorola Portable Radio APX Next XE

CITY COUNCIL PRESENTATION

JUNE 5, 2023

Radio System Challenges

- Radio System has recently began experiencing outages on a regular basis
- Fire Department has immediate need to replace all portable radios assigned to each apparatus i.e. (each fire fighter will have the capability to use next generation enhanced portable radios with cellular back up capabilities)
- Current Radios are at the end of life and need to be upgraded. This purchase will upgrade 23 portable radios addressing immediate needs for the backup capability
- Additional 8 Next Generation portable radios needed next budget cycle to serve as backup units (Approx cost \$65K)
- Burleson Back-Up Radio system is limited to only 3 channels to operate on



SmartConnect

APX NEXT portable radio is the next-generation radio for first responders to access and act on information while maintaining focus in critical situations. The portable radios are equipped with broadband, LTE, Wi-Fi, Bluetooth 5.0, and GPS capabilities. These radios will incorporate into the current system while also adding a smart connect feature through cellular capabilities





BURLESON, CITY OF
APX Next XE QTY23
03/28/2023

Highlights

- Smart Connect – Cellular back-up (Automatically & seamlessly transitions to cellular service if primary system fails)
- Maintain all radio channels on cellular back-up
- Smart Programming – Radios can now be remotely configured saving man hours and fuel
- New radios work within our current system and continues to work with our mutual/aid partners
- Fort Worth is transitioning to APX Next XE radios
- Burleson has a contract with the City of Fort Worth to fix and program radios as needed through their radio shop
- Radios are Bluetooth enabled and work with newly purchased SCBA facepieces

Pricing Summary

	List Price	Contract Price
Upfront Costs for Hardware, Accessories and Implementation, plus Subscription Fee	\$308,984.61	\$185,612.10
Year 2 Subscription Fee	\$2,506.08	\$1,519.30
Year 3 Subscription Fee	\$2,506.08	\$1,519.30
Grand Total System Price	\$313,996.77	\$188,650.71

ARPA Funding for 23 Portable Radios
Lead time is 5-6 months



Council Action Requested

Approve

- Staff recommends approval of this purchase using existing ARPA funding
- Not to exceed \$188,650.71



Questions Comments
