

Radios

April 25, 2023





Radio History



- In 2010 a \$4.7 million bond was approved for public safety radio system
- Motorola was awarded contract
- City partnered with NAU on the original system
- ASU joined our system during upgrade in 2020
- City owns 702 handheld, vehicle, and base station radios
- Older Motorola radios (from 2012) are no longer supported
- We are not replacing all radios



Motorola selection

- Ability to use existing batteries and chargers
- Familiarity with radios given 20-year history
- Encryption used for Police radios and Fire SWAT team members
- Other considerations
 - Experience of other public safety agencies
 - FFD field test (usability, safety, features) approximately 83% support the Motorola radios



Contract Specifications

- Ordering 322 total radios specific to each groups needs:

Department	Amount	Handheld/Portables	Mobiles/Vehicle	Base Units	Trade in value
Emergency Management	\$ 19,181.21	2-APX 8000			
Fire Department	\$ 1,043,044.86	100-APX 8000H		8-APX 1500	\$ 48,000
Police Department	\$ 592,961.52	16-APX 8000	55-APX 8500		\$ 32,000
Police additional	\$ 76,297.04	4-APX 8000	5-APX 8500		\$ 4,050
Fleet	\$ 49,731.32	6-Apx900	8-Apx 1500	1-Apx 1500	\$ 2,250
PROSE	\$ 140,349.06	4-APX 900	34-APX 1500	2-APX 1500	\$ 6,000
SW & PW Admin	\$ 21,857.27	2-APX 900		4-APX 1500	\$ 900
SW Landfill	\$ 89,427.01	10-APX 900	13-APX 1500	3-APX 1500	\$ 3,900
SW Collections	\$ 159,314.15	6-APX 900	39-APX 1500		\$ 6,750
Totals:	\$ 2,192,163.44	150-Variou	154-various	18-APX 1500	\$ 103,850



Contract Specifications

- Trade in credit of \$103,850
- Pricing and trade in credit guaranteed until end of April
- Installation completed locally through existing contracts and service agreements



Procurement



- Purchasing given specifications needed for the radios
- Researched existing cooperative contracts
- Found most beneficial state cooperative contract