



CITY OF
FARMERS BRANCH
TEXAS

FARMERS BRANCH PUBLIC SAFETY

MOTOROLA RADIOS

CITY COUNCIL MEETING | December 10, 2024

Public Safety Radio System Background

- ❑ Quad–Cities: Addison, Carrollton, Coppell, & Farmers Branch
- ❑ NTECC – to manage the system
- ❑ Reduced operating costs by renegotiating the contracts
- ❑ Originally purchased in 2015
- ❑ Life Expectancy – 7 years
- ❑ Current portable & mobile radios – due for replacement in 2023
- ❑ One-year extension in contract with Harris until 2025
- ❑ Beyond March 2025, we need to replace the radios
- ❑ Currently, two staff members (FD & PD) are managing the program
- ❑ Equipment failure as radios have maxed out their life expectancy



MOTOROLA RADIOS

- ❑ APX NXT handheld radios for Police Department - 95 *
- ❑ APX NXT handheld radios for Fire Department – 40*
- ❑ In–Car Radios for Police Department - 31
- ❑ In–Car Radios for Fire Department - 26
- ❑ N30 handled radios for Jail - 21

- *Difference in number is due to the allocation of radios – Fire assigns the radios to the apparatus, and Police assigns radios to individual officers.*
- *Based on need assessment.*

PRICING

One – Time
Expense

=

\$1,897,091.46

Recurring Cost
(Yr. 2 – 5)

=

\$245,336.69

Recurring Cost
(Subsequent yrs.)

=

\$290,291.69

*Recurring costs include
replacement, maintenance,
& programming fees (all in
cost).*

A total saving
in equipment
cost

=

\$485,478.44

NTECC SERVICES

- ☐ Remote management/equipment monitoring
- ☐ Remote firmware updates
- ☐ Remote programming for new users
- ☐ Spare equipment/replacement
- ☐ LTE, ViKi*, Smart Location

*AI tool



MAINTENANCE AND REPLACEMENT

- ☐ All programming updates

- ☐ NTECC will handle all repairs needed with Motorola

- ☐ **REPLACEMENT**

- ☐ Radios are on a 7-year replacement schedule.

- ☐ ***If they do not need replacing – NTECC won't, and the City will save on replacement costs.*

A photograph of a large brick building with a prominent gabled roof and a large arched window. The words "CITY HALL" are visible on the brickwork above the arch. The building is illuminated from within, and the sky is a mix of blue and orange, suggesting dusk. In the foreground, there are trees, streetlights, and a paved area with bollards. Two flagpoles with the American and Texas flags are visible on the right side.

Questions

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