



Request for Proposal (RFP) for MOSWIN Radio System

Introduction

The City of West Plains and the West Plains Fire Department invite qualified vendors to submit proposals for the provision of equipment and services for a radio system that will comply with the MOSWIN Radio Interoperability Guidelines.

Project Overview

This project aims to enhance communication and operational capabilities through the acquisition and installation of advanced radio systems and related equipment.

Scope of Work

The selected vendor will supply, install, and integrate the specified equipment, provide training, and ensure ongoing support.

Equipment Specifications

Equipment must meet industry standards and comply with NFPA and FCC regulations. Detailed specifications will be based on project requirements provided by the West Plains Fire Department.

The current approved mobile radios are as follows:

- Motorola APX8500 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Harris XG/XM-100 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Harris XL-200 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Kenwood VM-8000 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Kenwood VM-7730 Dual-Deck 8.34.9 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
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The current approved portable (handheld) radios are listed below:

- Motorola APX8000 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Motorola APX NEXT P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Kenwood VP-8000 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- BK Tech BKR9000 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Harris XL-200 P25 VHF/700/800 MHz (dual-band), digital trunking enabled
- Tait TP-9800 P25 VHF/700/800 MHz (dual-band), digital trunking enabled

Required Equipment:

22-Portable radios to include batteries, chargers, and speaker mics capable of withstanding firefighting activities. Preference of lime green if option is available.

13-Remote mount single head mobile radios with external speakers.

1- Fire Com adaptor cable for apparatus headset integration.

3- Base Stations, one mounted in each station with power supplies.

Repeaters-Minimum of 7 and a max of 11-mobile repeaters to operate on the above required radios

20- Pagers- Unication G5's with chargers and belt clips.

Installation & Integration

Vendor will be responsible for complete installation and integration of all equipment, ensuring full functionality and interoperability.

All necessary radios/equipment required for integration with Howell County 911 and West Plains Police Department dispatch consoles. A site visit to each location is recommended for verification of the equipment needed. The ability to work with those agencies radio technicians for the integration and all costs associated shall be included.

Training & Support

Vendor must provide comprehensive training for staff and ongoing technical support post-installation.

Submission Requirements

Proposals must include detailed pricing, timelines, vendor qualifications, and references. All submissions should be in PDF format and emailed to the contact listed below. Proposals should include the cost of full installation of the mobile radios and mobile repeaters in fire apparatuses along with the 3 base stations. Antennas, coax, magnetic mic clips, wiring and all accessories required for operations. Full programming to department needs, any additional licenses, technical support, and any department use training to be included.

Email contact for submission-

Purchasing Agent Kristopher Bates

Kristopher.bates@westplains.org

Deadline

All proposals must be submitted by December 19, 2025.

Contact Information

City of West Plains-Fire Chief Chris Sterner-417-256-2424

Howell County 911, Administrator Nate Franks-417-256-0209

West Plains Police Department-Lieutenant Kyle Ellison-4417-256-2244