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## **Yuma, Arizona Contracts Federal Engineering for Spectrum Study**

**RESTON, VIRGINIA**, November 3, 2025 — The City of Yuma, Arizona has granted Federal Engineering, Inc. (**FE**) a contract to provide spectrum monitoring and analyses to investigate intermittent interference issues impacting the Yuma Regional Communications System (YRCS). The YRCS is a regional, state-of-the-art Land Mobile Radio (LMR) system providing critical operable and interoperable two-way communications for public safety and public service agencies.

Mr. Jeremy Jeffcoat, Assistant IT Director for YRCS, said: “The YRCS is a Project 25 (P25 digital standard) trunked radio system that provides wide area communications across several counties in Arizona as well as offering interoperability with some neighboring jurisdictions in California. The radio system is operational in Yuma, La Paz/Mohave, Maricopa, Pinal, Pima, Gila, Graham, Yavapai, Cochise and Santa Cruz counties as well as having fifteen (15) dispatch locations and forty-eight (48) dispatch operator positions. It is critical that interference that could negatively impact this critical radio network be minimized or eliminated.”

Mr. Rajit Jhaver, Associate Vice President at Federal Engineering, described the project: “We are very pleased to be working with the City of Yuma and all the people involved with this project. **FE** will deploy monitoring equipment at two YRCS tower sites for three days to monitor thirty-six discrete frequencies. During this time, **FE** will compile the data collected onsite, process and analyze it for interference patterns and sources, and then perform a characterization of potential interferers. Upon completion of the analysis, **FE** will summarize the data collected and the analysis results and deliver an Interference Analysis Report to the City.”

Federal Engineering is a leading nationwide firm that provides analysis, design, procurement, and implementation support in public safety and public service communications involving VHF, UHF, 700 MHz, 800 MHz, 900 MHz, and 4.9GHz mobile radio systems as well as LTE and PLTE. These services complement **FE’s** wide range of dispatch center consulting services in NG911, PSAPs, EOCS, ECCs, and RTTCs. **FE’s** cybersecurity practice helps our clients defend against today’s complex and ever-changing threat landscape. **FE** personnel also serve as trusted advisors assisting clients to assess services such as AI integration and FirstNet® as well as the impacts of new technologies on their current and future plans. Since 1983, **FE** has completed thousands of communications projects in all 50 states for numerous state, local, and federal government clients as well as Canadian clients.

In addition to its public sector work, Federal Engineering provides design and implementation support services for voice, data, and video networks used in the transportation, utilities, finance, education, and computer services industries. **FE’s** certified independence delivers objective, unbiased consulting services to our clients that are not influenced by any technology, product, vendor, or approach.

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