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## **Nevada Department of Administration Enterprise IT Services Selects Federal Engineering For Microwave System Upgrade**

**FAIRFAX, VIRGINIA**, January 4, 2016 — The State of Nevada Department of Administration Enterprise IT Services (EITS) has selected Federal Engineering, Inc. (**FE**) to provide technical assistance in support of a statewide upgrade of the microwave system.

Mr. Pat Sheehan, IT Manager for EITS, stated: “The State of Nevada is faced with a complex undertaking due to the impending end-of-life of its microwave backhaul network. The majority of the microwave system has reached end-of-life and has not been supported by the manufacturer since 2010. EITS decided to retain a consultant to draft and release the technical request for proposal (RFP) and to provide program management during the implementation phase of a new, turnkey, microwave system to ensure a seamless transition between the microwave and ongoing land mobile radio upgrade project. Federal Engineering was selected as a result of a consulting RFP released this past summer. **FE** was chosen based upon their depth of experience in microwave and radio, fully compliant proposal, and strong performance during the interview process.”

Mr. Ronald F. Bosco, **FE’s** President and CEO, provided more detail: “The State’s existing Time-Division Multiplexing (TDM) microwave system, operated and maintained by the Department of Administration Enterprise IT Services, is utilized to provide voice, data, and video transport services for state, local, and federal government agencies. This system is also an integral component in supporting the Nevada Shared Radio System (NSRS). The State is currently planning a next generation NSRS, which will likely be a P25 Phase 2, IP-based system. The current microwave system does not support IP technology. We understand that the success of both projects, depends on the ability of stakeholders to reach consensus on NSRS system requirements, the generation of radio system vendor-neutral specifications, and a smooth transition between the current microwave system and a new IP based backhaul network.”

Mr. Bosco added: “**FE’s** previous experience in similar large, state-wide systems will prove invaluable in achieving these goals. Over the years, we have developed the tools and skill sets to assess large, geographically diverse, multi-user backbone networks and generate practical procurement documents that industry can respond to. We will assist Nevada in procuring an affordable network at the lowest risk while meeting user needs.”

Federal Engineering is the leading, nationwide firm providing analysis, design, procurement, and implementation support for NG911, PSAPs, ECCs, and EOCs. These services complement **FE’s** wide range of consulting services in public safety and public service communications involving LTE as well as traditional VHF, UHF, 700 MHz, 800 MHz, 900 MHz and 4.9GHz mobile radio systems. **FE** also supports FirstNet planning in anticipation of the Nationwide Public Safety Broadband Network. Since 1983, **FE** has completed thousands of communications projects for 40 state governments, as well as numerous local and federal government 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, aerospace, finance, education, publishing, and computer services industries. **FE’s** certified independence ensures that clients receive objective, unbiased consulting services that are not influenced by any particular technology, product, vendor, or approach.