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Douglas County Retains Federal Engineering for Communications Consulting

FAIRFAX, VIRGINIA, July 19, 2021 — Douglas County, Nevada has retained the services of Federal Engineering, Inc. (**FE**) for public safety radio and microwave consulting services.

Mr. Rajit Jhaver, **FE** Director, provided a vignette of the project: “Under this contract, Federal Engineering will:

- Conduct **FE’s** Coverage Workshop to identify the ideal locations for towers for optimal coverage
- Evaluate the state system for Sheriff’s use as well as a standalone system
- Generate budget estimates for each system broken down by phased upgrades
- Prepare a conceptual design report of the system including analysis and recommendations
- Develop a digital microwave system conceptual design to interconnect the LMR sites

FE will support the County’s decision-making process to move this project forward and be available to develop procurement specifications as well as assist in the procurement phase of the project.”

Mr. Daniel Williams, Project Manager for the County said: “**FE** has completed multiple projects in the State of Nevada and across the western United States, so we are familiar with the firm’s capabilities. We selected **FE** to provide an independent needs assessment and conceptual design for new LMR and microwave systems. The County currently has three VHF public safety radio systems: Sheriff’s countywide system, Tahoe Douglas Fire Protection which serves Stateline, Zephyr Cove, Glenbrook-Lake Tahoe, and East Fork Fire Protection which serves the rest of the county. **FE’s** assessment will determine where to locate towers to maximize coverage, using a combination of existing available County land and other assets to be determined. Our desire is to have each entity continue to maintain their own system as the upgrades are incorporated.”

Federal Engineering is a leading, nationwide firm providing analysis, design, procurement, and implementation support for public safety and public service communications involving traditional VHF, UHF, 700 MHz, 800 MHz, 900 MHz, and 4.9GHz mobile radio systems as well as LTE and CBRS. These services complement **FE’s** wide range of dispatch center consulting services in NG911, PSAPs, RTTCs, ECCs, and EOCs. **FE’s** cybersecurity practice helps our clients defend against today’s complex and ever-changing threat landscape. **FE** also serves as trusted advisors to assist clients in understanding emerging services such as FirstNet and the impacts on their current and future plans. Since 1983, **FE** has completed thousands of communications projects for 46 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 technology, product, vendor, or approach.

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