



**Federal  
Engineering®**

**FOR IMMEDIATE RELEASE**

## **OREGON AWARDS FEDERAL ENGINEERING DESIGN AND ENGINEERING CONTRACT FOR STATEWIDE PUBLIC SAFETY WIRELESS COMMUNICATIONS SYSTEM**

**FAIRFAX, VIRGINIA**, August 13, 2008 — The State of Oregon has awarded Federal Engineering a follow-on contract to continue the design of the Oregon Wireless Interoperability Network (OWIN), the State's public safety wireless communications system. **FE** will assist the Oregon State Interoperability Executive Council (SIEC) in refining the design of OWIN. **FE** will perform field test measurements as well as coverage analyses in selected areas of the northwest part of the State. In southwest portions of the State, **FE** will conduct frequency assessments and composite coverage analyses. In addition, **FE** will assist the State in developing requests for proposal to procure the necessary systems and infrastructure.

"Our sophisticated propagation modeling software allows us to analyze and optimize the radio coverage from transmitter sites in these key regions of the State, ensuring public safety responders are able to communicate reliably and effectively. Federal Engineering's 25 years of wireless experience will prove invaluable in assisting the OWIN Program Office in the design and implementation of this system," said **FE's** President Ronald F. Bosco.

**FE** will perform structure field measurements in both the 150MHz and 700 MHz bands to determine the actual coverage in selected regions of the State. During the tests, **FE** will establish mobile test locations for transmitters in both bands to assess the differences in the propagation of digital signals. **FE** will also verify the accuracy of previous radio coverage estimates and will select optimum locations for radio sites.

"We believe by partnering with local jurisdictions, and optimizing the design, coverage, and site locations, we will save the State millions of dollars over the life of the system," indicated Mr. Lindsay Ball, Director of the Oregon Wireless Interoperability Network. Having worked in Oregon, the staff of **FE** is familiar with and knowledgeable of Oregon's public safety mobile radio environment. **FE** staff has swiftly responded to Oregon's needs and I am confident the result of **FE's** task will be solution based with sufficient flexibility to expand interoperable communications in Oregon.

**FE** provides a wide range of land mobile radio analysis, design, procurement support, and implementation management services for public safety, public service, transportation, and energy systems. The firm also provides security analyses, disaster recovery planning, strategic assessments, product analyses, market research, and business planning services in telecommunications and related fields.

As a nationwide communications systems planning and design firm, Federal Engineering develops voice, data, and video networks for a wide range of end users, including organizations in the aerospace, energy, finance, education, publishing, and computer services fields. In addition to its private sector work, **FE** has completed hundreds of communications projects for 30 state governments, as well as numerous local and federal government clients. **FE's** certified independence ensures that clients receive objective, unbiased consulting services that are not influenced by any particular technology, product, vendor, or approach.