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Denver Chooses Federal Engineering for Public Safety Radio System Consulting Services

FAIRFAX, VIRGINIA, September 12, 2016 — The City and County of Denver, Colorado (CCD) has awarded Federal Engineering, Inc. (***FE***) a contract to evaluate their existing public safety radio system, assess user needs, and assist with the upgrade to a new Project 25 standards-based system.

Mr. Gary Pasicznyk, Director of Agency Services / Technology Services at the City and County of Denver stated: "CCD issued a Request for Proposals (RFP) seeking services from a qualified consultant that has proven background and can support all the phases of our project including:

- Develop an RFP for the design, procurement, construction, and implementation of the new radio system
- Support the evaluation of vendor responses by CCD personnel
- Support CCD in procurement related activities
- Provide Project Management Services for implementation and cutover of the selected system
- Support CCD in Acceptance Test Planning and execution

We received multiple proposals and, after thorough reviews and in-person interviews, Federal Engineering was clearly the best selection for CCD. We wanted a larger firm that did not rely upon just a few people to complete the work. Also, ***FE*** understands our unique environment having completed radio projects for other jurisdictions in Colorado."

Mr. Ronald F. Bosco, ***FE's*** President and CEO, described the project: "The City and County of Denver currently utilizes a 7 site simulcast network for land mobile radio voice communications for public safety users. The network consists of 20 RF channels per site and supports over 3,500 radios. The tower sites are interconnected using a microwave backbone. In addition, a single site, P25 Phase 1 network is used to support public utilities users. This network consists of 12 RF channels and supports over 3,000 radios."

Mr. Bosco continued: "CCD desires to transition to a P25 800 MHz public safety radio system with improved coverage, capacity, and redundancy. The design must meet or exceed current interoperability capabilities and incorporate features that will improve system reliability (i.e., create additional redundancy, reduce single points of failure, and improve coverage both on street and in buildings). To maximize previous investments, the new system will incorporate, to the greatest degree possible, the use of the existing radio facilities site locations. The cutover to the new system must be carefully planned due to the criticality of the system users. ***FE*** will apply its decades of experience to minimize both the costs and risks to CCD while maximizing their investment."

Federal Engineering is a 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 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 particular technology, product, vendor, or approach.

Denver Technology Services is the central information technology department for the City and County of Denver. The agency provides technology infrastructure, development, support, and solutions to all city departments, as well as management of 911 system communications and Denver's 311 non-emergency contact center. Along with Denver Media Services and the Denver Marketing Office, the department is working to enhance the customer experience by aligning digital technologies with citywide marketing and communications efforts.

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