FOR IMMEDIATE RELEASE

Federal Engineering Awarded Contract by Twin Falls for Tower Structural Analysis

FAIRFAX, VIRGINIA – May 25, 2026

The City of Twin Falls, Idaho, has awarded Federal Engineering, Inc. (***FE***) a contract to provide a structural analysis for the City's Twin Falls DT tower. A DT Tower is a high-strength, modular, and highly configurable mast/truss system built for ultra-heavy-duty applications where safety, stability, and load capacity are critical.

Mr. Rich Hall, Network Engineer for Twin Falls, remarked: "This structural analysis will update an analysis report that was completed in August 2022 and will incorporate the following factors:

- Change the wind load capacity from 103 mph to accommodate speeds of up to 115 mph.
- Remove the 3 MW Dish Nana Ridge antennas from a height of 133 feet, since they are no longer needed.
- Replace 1 Airfiber Panel at a height of 133 feet.
- Replace the 2 Omni antennas at a height of 133 feet with 2 RFI antennas at the same height.
- Replace the 2 Omni antennas at a height of 99 feet with 2 RFI antennas positioned a couple of feet.

We selected ***FE*** because of the firm's extensive experience designing and implementing radio networks."

Mr. Ronald F. Bosco, President and CEO of Federal Engineering, said: "The primary goal of this project is to verify that the tower can handle its current load-bearing capacity, including the weight of antennas, cables, and other equipment; the strength of the material being used that includes the durability of the steel or other materials under stress; and the environmental loads, which consists of wind, seismic activity, ice buildup, and temperature changes."

Mr. Bosco added: "The analysis will follow these procedures:

- Feasibility Study, a quick check to determine if changes are safe and practical.
- Data Collection is the process of gathering field measurements, past analysis records, equipment specifications, fabrication drawings, and geotechnical reports.
- Computational Analysis, the use of Finite Element Analysis software and wind load simulations to model the tower's response to loads.
- Design Verification, that helps ensure all components meet strength, stability, and safety criteria.
- Reporting and Compliance, our full set of document findings that will confirm compliance with applicable codes."

About Federal Engineering

Federal Engineering is a nationally recognized consulting firm specializing in communications analysis, system design, procurement support, and implementation oversight for public safety and public service organizations. ***FE's*** subject matter experts have extensive experience with VHF, UHF, 700 MHz, 800 MHz, 900 MHz, and 4.9 GHz radio systems, as well as FirstNet®, LTE, and private LTE (PLTE) networks. The firm also provides comprehensive dispatch center consulting services, including NG911, PSAP, EOC, ECC, and RTTC planning and implementation.

FE's cybersecurity practice helps clients defend against today's complex and ever-changing threat landscape. The firm serves as a trusted advisor on emerging technologies, such as Artificial Intelligence, and assists agencies in evaluating how new technologies impact operational performance and resilience.

Since 1983, Federal Engineering has completed thousands of public safety and public service communications projects for state, local, and federal government clients across all 50 states and in Canada. ***FE*** also provides design and implementation support services for related markets, including 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.

Federal Engineering, Inc.
1800 Alexander Bell Drive, Suite P-120, Reston, VA 20191 | 703-359-8200 | info@fedeng.com | www.fedeng.com