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## **Federal Engineering Selected by KTH Architects for Bus Terminal Communications**

**FAIRFAX, VIRGINIA**, January 22, 2010 — KTH Architects of Dubois PA has awarded Federal Engineering, Inc. (**FE**) a contract to provide telecommunications and technology consulting for new bus terminals. Services will take this project from the initial needs assessment phase through installation and commissioning.

The Area Transportation Authority of North Central Pennsylvania plans to build three to five bus terminals throughout their region over the next five years. St Mary's is the first terminal to be released for design and construction. Punxsutawney is the second terminal to be released for design and construction.

**FE** will design the following systems for the St Mary's facility:

1. Microwave link,
2. Security- surveillance camera, card access and intrusion alarm sub-systems,
3. Public Wi-Fi access points,
4. Facility data and communications wiring,
5. Uninterruptible Power Supply (UPS).

**FE** will conduct a microwave link engineering study from the St Mary's terminal location to the North Central Planning and Development Commission's (NCPDPDC) Wireless Wide Area Network (WWAN). The microwave studies will include preliminary path studies, map studies, site surveys to verify critical paths, and link budget engineering. **FE's** design at the terminal will incorporate Wi-Fi system for public wireless access to the Internet.

Mr. Jerome Bankovich Jr., AIA, LEED, of KTH stated: "This program requires a broad range of telecommunications background and skill sets. We selected Federal Engineering because of the firm's reputation in the industry and demonstrated experience in all the requisite technologies."

**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.