

**BRAZOS ELECTRIC COOPERATIVE, INC.**  
**NATURAL GAS PIPELINE, GAS METERING STATIONS**  
**AND GAS PIPELINE MANAGEMENT YARD PROJECT**

**Project Summary**

QPSE provided engineering, procurement and construction (EPC) services for the installation of a 7.8-mile, 16-inch pipeline, 8-inch remote meter station with gas chromatograph that included seven crossing bores and 1,200-ft horizontal directional drill (HDD), in Jackson County, Texas.

**Piping:** 6-inch to 24-inch piping, bi-directional flow to B31.8 design parameters. Each station included launcher/receiver trap.

**Electrical:** EI&C and interface to gas/hydraulic valve actuators via the AB PLC which is controlled by the Master Control Center via the PLC and SCADA. The configuration was arranged to limit the electronic noise on the UT meter. The design also included the regulator piping where an 85-dBA noise threshold is maintained.

**LOCATION**

*Texas*

**AWARD DATE**

*September 2010*

**COMPLETION DATE**

*December 2010 (Phase 1)*

*March 2011 (Phase 2)*

**SERVICE OFFERING**

*Pipeline, Facility*

**HIGHLIGHTS**

*Engineering, procurement, and construction (EPC) services for the installation of a 7.8-mile, 16-inch pipeline, 8-inch remote meter station*

