

COMPREHENSIVE SERVICES COMPANY OVERVIEW



A QUANTA SERVICES COMPANY

QPSE provides project management, engineering, procurement, construction services (working with other Quanta construction companies) for pipeline, associated oil and gas facilities, and refining and chemical plants. The engineering, procurement, construction (EPC) advantage for our clients is a combination of our ability to efficiently manage interfaces between various projects and our ability to provide contractual responsibility by a single financially strong organization.

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Using QPSE's developed project management system based on manageable work packages, we plan and execute integrated activities required for the successful completion of the project goals and objectives. By using integrated project teams, we establish high levels of communication and interaction among our various stakeholders, including our team of experts, clients, vendors, and subcontractors.

Engineering Services

QPSE offers a full range of engineering services that complement our capabilities for a total solution to our clients. Engineering services we provide include:

- Project development, feasibility studies, FEL packages, pipeline route selection, and permitting
- FERC 7(c) and 7(b) and various studies
- Project management, controls and planning, cost estimates, and risk analysis
- Routing, preliminary, detailed design, boundary, pre-construction, as-built surveys, and laser scanning
- Pipeline renovations/compliance for class changes, pigging facilities required for ILI, and hydrotesting, including locating diameter reduction points, pigging, and hydrotest plans
- Detailed engineering and design
- Constructability reviews
- Material logistics
- O&M manuals, job books, pre-commissioning, commissioning, start-up assistance, and as-builts

Our expertise covers:

- Mainline pipeline systems
- Compressor, pump, and meter stations
- Midstream and gathering facilities
- Distribution systems
- Processing facilities
- Storage and terminal facilities
- Refinery
- Chemical plants



Procurement Services

QPSE procurement services supports our engineering and construction capabilities and includes:

- Procurement management
- Buying
- Expediting
- Shipping/freight forwarding
- Coordination of factory inspections and tests
- Material handling
- Warehousing
- Material budgets and industry trending
- Schedule
- Cost estimates

Using a material management system, all major material items are tracked from take-off through requisition, purchase orders, shipping, and receipts, to hand-over and installation, to post-project reconciliation.

Construction Management Services

QPSE provides construction management services for installations, maintenance repairs, and test services for pipelines and stations.

- Pipelines
 - Mainline
 - Gathering
 - Distribution
 - Pipeline integrity
 - Pipeline maintenance
 - Pipeline rehabilitation
 - Integrity assessment/remediation
 - Horizontal Directional Drilling (HDD)
- Facilities
 - Compressor stations
 - Meter stations
 - Regulator stations
 - Pump stations
 - Interconnects
 - Tank farms and terminals
 - Gas processing and treating facilities
- Refining
 - Crude/vacuum distillation
 - Hydrocracker
 - FCCU
 - Alky
 - Sulfur recovery
 - Delayed coking
 - OSBL
 - Tank farms

Having proven EPC managers, engineering capabilities familiar with construction and system operation, and working with our sister construction companies, QPSE can offer complete EPC and EPCM services that meet our clients' requirements for safety, quality, cost, and schedule.

About Quanta Services

As a wholly owned subsidiary of Quanta Services, QPSE's strengths are complimented by the extended resources and capabilities that are offered by our sister companies.

Our parent company, Quanta Services, Inc., (NYSE: PWR – S&P 500) is a leading provider of specialized contracting services, delivering infrastructure solutions to electric power, oil and gas pipeline, refining and chemical industries. Quanta is a recognized leader of specialized contracting services and delivers end-to-end solutions for virtually every type of network infrastructure.



REVENUE
\$10+ Billion



EMPLOYEES
41,000+ and Growing



2018 ENR
#1 Specialty, Electrical and Utility Contractor

Quanta's strong financial position provides QPSE with the flexibility to capitalize on solid new business opportunities to offer our customers with the best possible service. Quanta offers a winning combination of resources and delivers the following:

- Access to the industry's largest equipment fleet and workforce resources
 - Over 41,000 employees with major offices in 40 states and field operations across the United States and Canada
 - Approximately \$10 Billion annual revenue and the largest North American contractor for electrical power, natural gas distribution and pipeline construction
- A strong balance sheet with financial resources for capital-intensive projects
 - Inclusion in the S&P 500 Index, the most widely followed index of large-cap stocks actively traded in the United States

Summary

Utilizing engineering, procurement, and construction resources, we can assemble project teams with engineering and construction knowledge that can deliver a quality project on time and within budget.