



QUANTA TELECOM
SOLUTIONS

OUR HISTORY

Quanta Telecommunication Solutions is part of the Quanta Services' family. Quanta Services is the leading specialty contractor with the largest and highly trained skilled workforce in North America – providing fully integrated solutions for the electric power, pipeline, industrial and communications industries. The company's geographic footprint spans North America and Australia, and its network of companies ensures world-class execution with local delivery.



TELECOMMUNICATION SERVICES

As part of its Q-Trench Solution brand of services, Quanta Telecommunication Solutions offers construction management, construction of underground structures, inspection services related to construction of underground structures and all services necessary for the complete installation, maintenance and repair of underground structures, and laying of cable.

NORTH AMERICA SERVICE LINES

- Program Management
- Full-Turnkey FTTH Capabilities
- Wireless
- Make Ready Services (MRE)
- Canada and Latin America Service Lines



TELECOMMUNICATIONS TRAINING FACILITY

Since safety is paramount in everything we do, Quanta Services invested in a 2,200-acre, state-of-the-art training facility located in La Grange, Texas. At Lazy Q, we focus on safety, skill development and certifications. From telecommunications to electric power and pipeline training - Quanta offers the technical training essential to developing a skilled workforce for the future.



TELECOM TRAINING

- Lineman Training
- Fiber Splicing
- Micro-Trenching
- Directional Drilling
- Inside Build
- I&R
- Inside Plant
- Lead Remediation
- Research & Development



PROGRAM MANAGEMENT

Quanta Telecom's Project Management group provides direction and coordination of resources throughout the life of a project by using modern management techniques to achieve predetermined objectives of scope, cost, time, quality and participation satisfaction.

- Overall Management of Engineering, Procurement and Construction
- Client Interface and Communication
- Subcontractor / Vendor Interface and Communication
- Resource Planning and Utilization
- Scope Management
- Tracking Program Deliverables
- Project Schedules
- Project Controls
- Budget
- Procurement Management
- Risk Management
- Environmental Compliance
- Safety
- Quality Control
- Community Relations



FULL-TURNKEY FTTH CAPABILITIES

FIBER & 5G BUILDOUT / INSTALLATION

- Turnkey Project Management for EPC Contracts
- Fiber-to-the-Home (FTTH) & Fiber-to-the-Tower (FTTT)
- All Aspects of Fiber Design
- Environment-Specific OSP Walk-Out
- Site / Route Permitting
- Splicing Schematics
- Land Acquisition
- Value Engineering Consulting Services on Fiber Buildout Strategies & Approaches

FIBER BUILDOUT FIELD ENGINEERING

- Determine Best Paths & Methods of Construction Dependent on Environment, Client Needs and Budget
- Expert Data Collection of Field Environment to Create Inclusive & Concise Construction Drawings
- Outline All Make-Ready Necessary to Construct Plant to National / Local Code
- Obtain Permits to Attach to Poles
- Submit Applications to Jurisdictions for Build Approvals

VALUE ENGINEERING & CONSULTING

- Determine Efficient & Cost-Effective Methods to Serve Area via Fiber Sizing, Cabinet Placement, Splice Locations & MDU Requirements
- Draft State-of-the-Art Designs Utilizing the Best Techniques in the Industry
- Input of Construction Drawings, Splicing and As-Built into Client Systems

EPC

More clients are looking to Quanta Telecom for our EPC turnkey capabilities. Our full-service approach alleviates customer worry during the lifecycle.

- Civil Engineering
- Distribution System Modeling & Planning
- Document Control
- Electrical Systems & Reliability Studies
- Environmental Services
- Permitting & Right-of-Way
- Program Management
- Project Management
- Quality Assurance
- Quality Control
- Surveying & Geotechnical Services
- Transmission & Distribution Engineering
- Transmission System Modeling & Planning
- Telecommunication Engineering

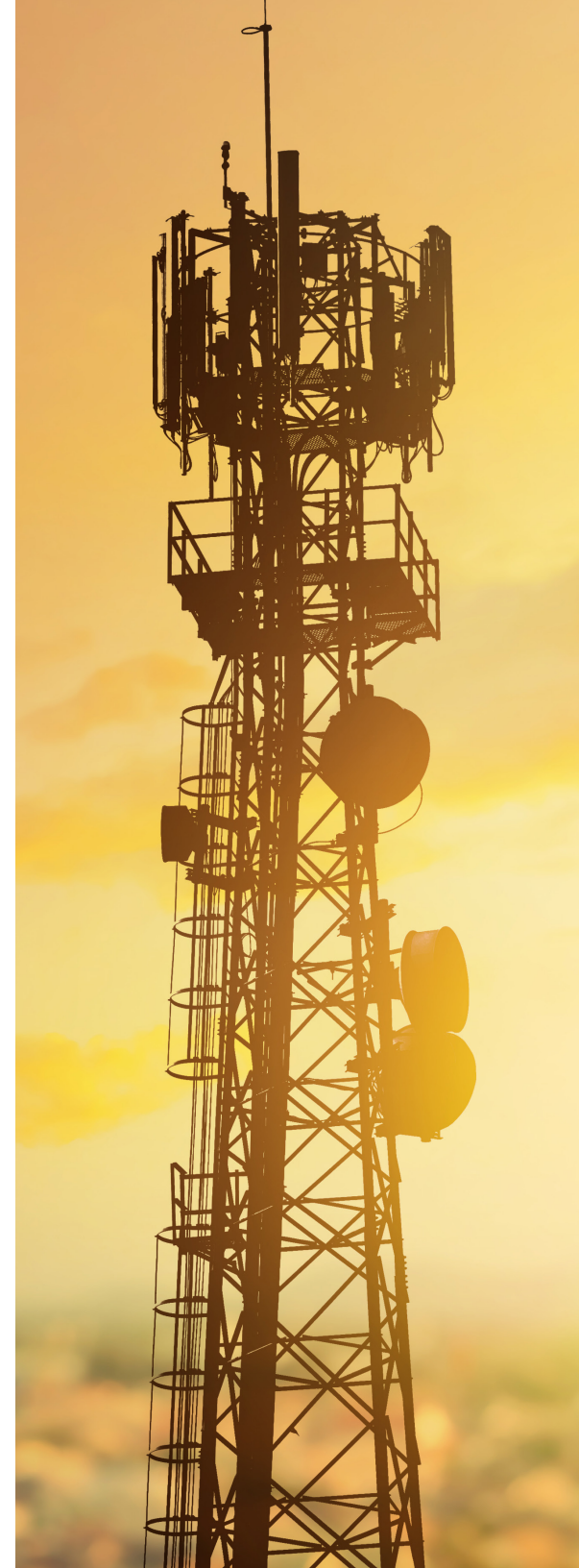
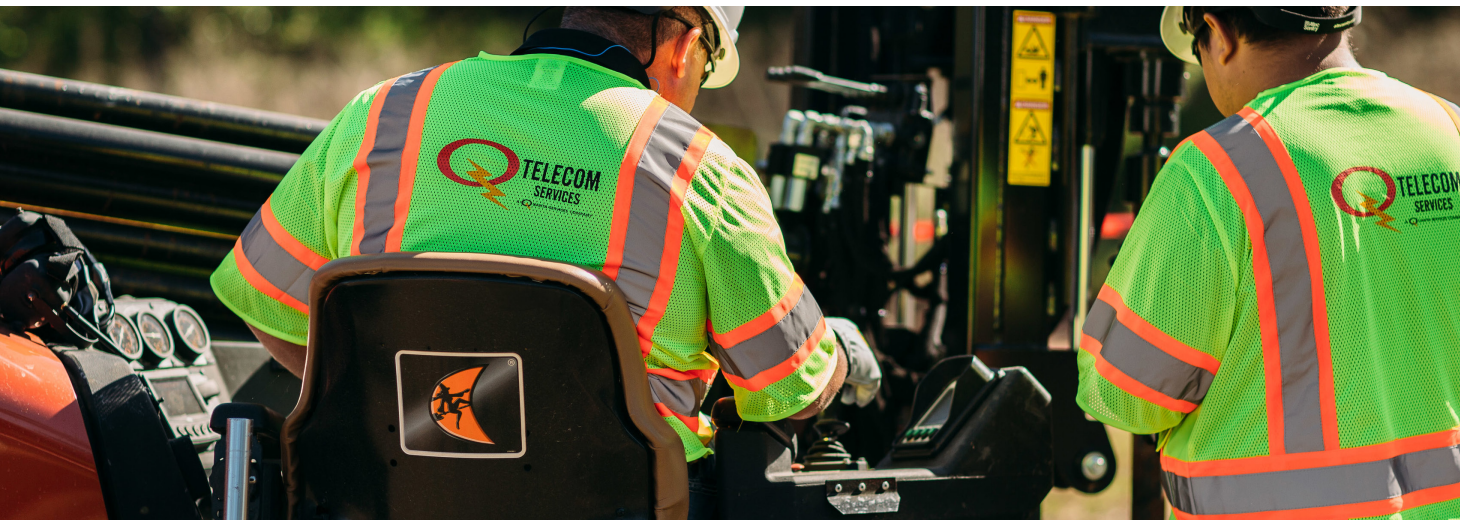
WIRELESS

WIRELESS TECHNOLOGIES

- Conductor Mount Electrical Hardware Study
- Tower Structural Analysis
- Site Drawings and Layouts for Permitting, Landowners and Records
- Hardware Selection and Management

WIRELESS ENGINEERING

- RF Designers
- Real Estate Negotiators and Specialists
- Structural Engineers
- ISP Experts



MAKE READY SERVICES

ADVANTAGES

- Quanta has done electrical engineering & construction for every major utility in the U.S.
- We have developed tools & processes to manage make ready activities
- Authorized Make Ready Engineering (MRE) and Make Ready Construction (MRC) contractor for major electric utilities across the country

INDUSTRIALIZED MRE

- Work Centers that Focus Exclusively on MRE
- Mobile Field Resources
- Process Definitions
- Management Structure Focused on Product Line
- Unrivalled Output
 - Over 3,300 poles through MRE in one week on a single project



ADDITIONAL INFORMATION

For additional information on Quanta Telecommunication Solutions, and for a full list of open positions, please visit www.quantatelcom.com.

CONNECT WITH US

- Website: www.quantatelcom.com
- Twitter: [@quantatelecom](https://twitter.com/quantatelecom)
- LinkedIn: Quanta Telecommunication Solutions
- Instagram: QuantaTelecom





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Quanta Telecommunication Solutions, LLC

2707 North Loop West | Suite 400 | Houston, TX 77008

www.quantatelcom.com