



JOB POSTING

Position: Senior Outside Plant Engineer

Mid-Atlantic Broadband Communities Corporation (MBC) is currently seeking a candidate for a full-time Senior Outside Plant Engineer in South Boston, Virginia. This position is primarily responsible for overseeing day-to-day operational and tactical aspects of extensive and complex fiber optic network projects, including managing project team activity, establishing priorities, providing status updates, managing internal and external risks, monitoring capital controls, schedules and milestones, tracking deliverables, and timely solution of issues while successfully interacting with outside plant (OSP) engineers, vendors, and construction contractors. Additional requirements are planning, organizing, and conducting/coordinating the detailed phases of field engineering and construction work of fiber optic cable network installations and maintenance.

MBC owns and operates an extensive open-access fiber optic network, providing wholesale optical transport services to communities throughout the southern Virginia region. Created in 2004, MBC's mission is one of economic revitalization and development in rural Virginia, working closely with communities and regional economic development groups to bring state-of-the-art broadband transport services to the area and help drive private sector investments in our region.

WORK LOCATION

Mid-Atlantic Broadband Communities Corporation, 715 Wilborn Avenue, South Boston, VA 24592 (The successful candidate will need to live within the Virginia/North Carolina region with ability to travel periodically to corporate office.)

DUTIES AND RESPONSIBILITIES

- Prepares electronic drawings using CrescentLink and CAD systems as necessary.
- Compiles data required for the preparation of work plans or work order drawings.
- Prepares and maintains fiber assignments in Node Distribution Panels and OSP cables.
- Compiles data required for the preparation of railroad permits, joint use pole permits, utility make-ready requests, and VDOT permits and P&E's for VDOT road relocations.
- Has working knowledge of ESRI, CrescentLink, VUPS, and NJUNS.
- Acquires the necessary field information, record verifications, and prepares documents required to create work order construction prints for small, medium and large complex projects.
- Designs and redlines outside plant network facilities and applicable infrastructure routes between MBC's termination point to customer access point or any segment in between.
- Coordinates access to professional/private facilities (i.e., schools, hospitals, public/private land), as needed.
- Engineers the fiber cable network according to specific installation requirements; coordinates with others on the design and build team as necessary.
- Performs field site meetings with developers, construction crews, customers, government municipalities, etc. as necessary per project specifications, field checks design layouts.
- Reports anomalies to project management stakeholders as necessary and fosters resolution.
- Prepares and approves Change Orders.
- Administers the Work Order billing process for shared cost and billable repair type projects.
- Maintains a current and accurate inventory of all cable and equipment in utilization.
- Manages the purchase order and invoice payment process to support above functions.
- Manages compilation of pole audits.
- Tracks OSP and Network Inventory in Nodes.
- May supervise other engineering personnel, contract or company.
- Provides administrative field support (as required) to both internal and external service providers; interacts with customers, construction crews and government municipalities as needed in the coordination and completion of construction timelines.
- Maintains working knowledge of aerial and underground cable design and rearrangements, cable placement and splicing methods and practices, cable protection, basic circuit design, transmission and distribution methods; acts as a resource to others.
- Performs site surveys, as needed, to provide clear estimates for customer exhibits.
- Ensures final outcome of all work orders are in line with regulatory and industry standards; ensures all work meets MBC's standards of operation and quality.
- Audits and ensures accuracy of "as-builts" and contractor invoicing.
- Defines operational and tactical aspects of multiple or largescale projects in preparation for execution.
- Defines project scope of identified large scale projects in collaboration with senior management.
- Collaborates with Engineers, Planners, Vendors, Contractors, Federal and State Agencies on route design and costs.
- Creates detailed work plans that identify and sequence the activities needed to successfully complete the project.
- Determines the resources (time, money, labor, equipment, etc.) required to successfully complete the project.
- Develops a schedule for project completion that effectively allocates the resources to the activities.

- Identifies, selects and oversees contracts with vendors, contractors and preferred providers accordingly.
- Ensures all project contributors receive an appropriate orientation to the organization and the project.
- Sets and manages others' expectations on project delivery approach, schedules, resources and financial expenditures.
- Reviews the project schedule with senior management and all other staff that will be affected by the project activities; revises the schedule as required.
- Determines the objectives and measures upon which the project will be evaluated at its completion.
- Ensures project plan is fully implemented according to design; monitors measurement criteria and makes plan adjustments accordingly.
- Ensures proper documentation tools, including CrescentLink and Panel Records, are utilized and accurate and organized records are maintained.
- Establishes communication schedule to update stakeholders on the progress of the project.
- Coaches team members in consistent high-quality delivery of services; provides leadership through knowledge sharing, training and education on best practices and on-site shadowing.
- Implements quality assurance procedures, including field inspections, in accordance with MBC's methodology to ensure profitable and successful execution of project plans; ensures compliance all organizational and/or regulatory requirements.
- Monitors and approves budgeted project expenditures; brings expected expenditure variances to the attention of manager on a regular basis.
- Manages all project funds according to established accounting policies and procedures.
- Ensures all project financial records are kept up to date; prepares financial reports and supporting documentation for stakeholders as required by funding agreements or as requested.
- Completes final project inspections to ensure project is sufficiently completed to expectations.
- Ensures the project deliverables are on time, within budget and at the required level of quality.
- Evaluates the outcomes of the project as established during the planning phase.
- Supports MBC's on call team rotation for afterhours maintenance, fiber, equipment, and outage issues as needed.
- Other duties as assigned.

REQUIREMENTS

- Bachelor's degree in related field preferred
- Minimum of 10 years of professional experience with at least 5 years of direct complex project management experience
- Demonstrated use of graphic instructions such as schematic drawings, layouts or other visual aids
- Must have strong organization skills and be detail oriented.
- Must have strong time and resource management skills
- Must have excellent communication skills
- Strong computer skills including Microsoft Office suite, MS Project, and Google

COMPENSATION AND BENEFITS

This position is full-time with benefits. MBC offers competitive compensation and comprehensive benefits to include medical, dental, vision, short- and long-term disability coverages, life insurance, 401(k) retirement, tuition reimbursement, paid time off and holidays. MBC is an equal employment opportunity (EEO) employer and will consider all applications without regard to race, color, religion, citizenship, political activity or affiliation, marital status, age, national origin, race, traits historically associated with race, physical or mental disability, medical condition, genetic information, veteran status, military status, sexual orientation, sex or gender (which includes harassment and discrimination based on gender identity, gender expression, pregnancy, childbirth, or related medical conditions), taking or requesting statutorily protected leave, or any other characteristics protected under federal, state, or local laws.

HOW TO APPLY

Submit cover letter and resume to Human Resources at hr@mbc-va.com or 715 Wilborn Avenue, South Boston, VA 24592.