



[Volt Telecom Group Government Solutions](#)

Contract Number: GS-35F-0552L

SIN 132-51 - Information Technology (IT) Professional Services

Period Covered by Contract: 06/30/2007 through 08/16/2011

- Commercial Job Title: Site Manager Rate: \$81.56

Minimum/General Experience:

Three to five years of formal & on-the-job training specifically dealing with all plant installation, construction, maintenance and repair. Requires competence in all phases of wiring connectivity technology and design & engineering. Must hold knowledge of all types of construction materials, equipment and appropriate guidelines for safety applications.

Functional Responsibility:

Job functions to include the supervision of all OSP and Wired Services technicians under his direct control and those working on projects which are being directed by him. Responsible for all checks and balances of weekly timesheets to ensure proper job by job reporting of time to the appropriate jobs and to ensure accuracy of the time being reported. Must provide direct and indirect guidance in order to ensure the highest degree of quality and the optimum level of profit potential. Provides adequate and timely feedback on technician job performance and administers discipline as required. Work directly with commercial & government customers to ensure quality product & service.

Minimum Education:

Bachelor's Degree or equivalent in Structured Connectivity for Design & Engineering.

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- Commercial Job Title: Senior Engineer Rate: \$79.64

Minimum/General Experience:

Three to five years of formal & on-the-job training specifically dealing with all inside and outside plant installation, construction, maintenance and repair. Requires competence in all phases of OSP technology and design & engineering. Must hold knowledge of all types of construction materials, equipment and appropriate guidelines for safety applications.

Functional Responsibility:

Responsible for providing all documentation regarding the engineering of all projects associated with the division. Perform field visits as necessary to determine required material, manpower, and timeframes in order to adequately estimate and quote the project in order to meet predetermined budgetary requirements. Be able to communicate clearly both verbally and in written format exact details required to successfully complete each project.

Minimum Education:

Bachelor's Degree or equivalent in Design & Engineering for Telco Inside Connectivity & OSP.

- Commercial Job Title: Construction Supervisor Rate: \$80.13

Minimum/General Experience:

Three to five years of formal & on-the-job training specifically dealing with inside & outside plant installation, construction, maintenance and repair. Requires competence in all phases of wiring connectivity technology and design & engineering. Must hold knowledge of all types of construction materials, equipment and appropriate guidelines for safety applications.

Functional Responsibility:

Job functions to include the supervision of all OSP and Wired Services technicians under his direct control and those working on projects, which are being directed by him. Responsible for all checks and balances of weekly timesheets to ensure proper job by job reporting of time to the appropriate jobs and to ensure accuracy of the time being reported. Must provide direct and indirect guidance in order to ensure the highest degree of quality and the optimum level of profit potential. Provides adequate and timely feedback on technician job performance and administers discipline as required.

Minimum Education:

Bachelor's Degree or equivalent in Structured Connectivity for Inside Wiring & Outside Plant Design

- Commercial Job Title: Project Manager Rate: \$77.16

Minimum/General Experience:

One to three years of formal & on-the-job training specifically dealing with all types of installation & construction. Requires competence in all phases of connectivity terminology & technology. Must have the ability & knowledge to supervise all aspects of the project from start to invoicing. Must be able to interface with all customers to ensure a timely & quality product. Ability to plan, organize & manage projects of any magnitude and be detailed oriented.

Functional Responsibility:

Develop project proposals for small to large-sized projects. Be able to communicate the Scope of Work to appropriate levels and ensure strict adherence to both customer & company requirements. Compare accepted proposal available resources and develop a project plan. Manage the project toward the stated goal. Utilize company reports to monitor all projects for maximum profitability to the organization. Develop project documentation & billing information. Investigate customer grievances/complaints, and enforce company standards.

Minimum Education:

Bachelor's Degree or equivalent in Managerial Experience in the Telecommunications Field

- Commercial Job Title: Cable Splicer Rate: \$71.96

Minimum/General Experience:

Minimum five years of formal & on-the-job training specifically dealing with inside & outside plant installation, construction, maintenance and repair. Requires competence in all phases of wiring connectivity technology and design & engineering. Must hold knowledge of all types of construction materials, equipment and appropriate guidelines for safety applications.

Functional Responsibility:

Job functions to include the installation, construction, maintenance & repair and, on occasions, supervision of all OSP and wired services technicians working on projects. Ability to use & knowledge of all OSP national construction codes. Responsible for all checks and balances of weekly timesheets to ensure proper job by job reporting of time to the appropriate jobs and to ensure accuracy of the time being reported. Must be proficient regarding safety in all overhead, in-ground & underground facilities construction requirements, guidelines & techniques. Provides adequate and timely feedback on technician job performance.

Minimum Education:

Minimum 5 Years Extensive Work Experience & Knowledge in Structured Connectivity for Outside

- Commercial Job Title: Lead Technician Rate: \$67.17

Minimum/General Experience:

Technical Education, training, or related experience to perform well defined structured technical tasks with or without direction and guidance. Must have the ability to plan, organize, and lead work groups on assigned projects. Experience outside plant or premise wiring installation with good working knowledge of job drawings, sketches, prints, and other project documentation. Preferred experience with

direct customer contact. Good interpersonal skills.

Functional Responsibility:

Install wired services as outlined on job drawings, prints, material list, and/or Scope of Work on assigned projects as directed by the Construction Supervisor. Look for potential roadblocks or hazards that may hinder productivity or planning of the project and develop back-up plans, when required. If possible, meet with the customer before starting work to review the project. Maintain daily job logs, test records, inspection reports and other quality documents required by the specific project assigned. Work with employees on mobilization to the project, to consider daily work schedules. Review material requirements and shipping schedules. Maintain project schedules, productivity, and quality standards on all assigned projects. Ensure personal time sheets, vouchers, advance request, and other administrative documents are processed as required. Promote an atmosphere on each project of teamwork and quality services to our customers. Maintain safety and security standards at all times on assigned projects. Respond to any customer concern or questions or direct them to the Construction Supervisor for an appropriate response.

Minimum Education:

Three to five years of technical educations, training, or related experience to perform installation of Inside Premise Wiring

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- Commercial Job Title: Technician Rate: \$49.47
Minimum/General Experience:
One to three years of technical education, training, or related experience to perform installation of Inside Premise Wiring.

Functional Responsibility:

Install wired services as outlined on job drawings, prints, material list, and/or Scope of Work on assigned projects, as directed by the Lead Technician or constructing Supervisor. Ensure personal times sheets, vouchers, advance request, and other administrative documents are processed as required. Promote an atmosphere on each project of teamwork and quality services to our customer. Maintain safety and security standards at all times on assigned projects. Respond to any customer concern or questions or direct them to the Lead Technician or Construction Supervisor for an appropriate response.

Minimum Education:

Technical education, training, or related experience to perform well defined structured technical tasks under direction and guidance. Must have the ability to follow instructions and have a working knowledge of job drawings, sketches, prints, and other project documentation.

- Commercial Job Title: Administrative Assistant Rate: \$41.26

Minimum/General Experience:

Assist Manager in compiling information for bids, and proposal and ensure that proposals are sent out in proper format. Maintain all proposal files, logs, and process reports. Maintain invoice-tracking lot to ensure subcontractors are paid in a timely manner. Assist in complaints information for billing and reporting for invoicing to customer. Investigate customer grievances/complaints, and enforce company standards.

Functional Responsibility:

Develops and modifies complex systems and develops subsystems to enhance the overall operational system. Exercises analytical techniques when gathering information from users, defining work problems, designing a system of computer programs, and developing procedures to resolve the problems. Provides systems support to operational users including hardware and software support. Analyzes methods of approach. Review task proposal requirements, gathers information, analyzes data, prepares project synopses, compares alternatives, prepares specifications for programs, resolves processing problems, coordinates work with programmers, and orients users to new systems.

Minimum Education:

Associate Degree or 2 to 4 years experience. Working knowledge of all computer software applications

- Commercial Job Title: Administrative Assistant Rate: \$41.26

Minimum/General Experience:

Assist Manager in compiling information for bids, and proposal and ensure that proposals are sent out in proper format. Maintain all proposal files, logs, and process reports. Maintain invoice-tracking lot to ensure subcontractors are paid in a timely manner. Assist in complaints information for billing and reporting for invoicing to customer. Investigate customer grievances/complaints, and enforce company standards.

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Minimum Education:

Associate Degree or 2 to 4 years experience. Working knowledge of all computer software applications

- Commercial Job Title: Wireless RF Engineer Rate: \$143.44

Minimum/General Experience:

Three (3) to five (5) years experience (in lieu of Bachelor's degree in Electrical Engineering) in developing wireless system components. Requires knowledge of RF marketplace and circuitry design, such as low noise amplifiers, demodulators, fixers, drivers, and various active and passive mixing circuits

Functional Responsibility:

Creates mathematical models for RF Communications systems. Manages commercial wireless communication projects and approves site locations, using software planning tools and test drive data; resolves customer technical concerns; monitors bids and engineering expenses to meet required profit margin.

Minimum Education:

Bachelor's Degree in Electrical Engineering (or 3-5 years equivalent experience).

- Commercial Job Title: Optimization Technician Rate: \$74.19

Minimum/General Experience:

Minimum two (2) years experience which applies to performance of traffic and hot spot analysis. Must be knowledgeable in quality, DL, and frequency allocations.

Functional Responsibility:

Resolves problems with help of Wireless Site Install Supervisor and/or Wireless Multi-site Manager. Adheres to safety and security standards/procedures. Produces reports, Training Plan and Training Records; also update Desktop instructions. Identifies and present non-conformance issues to senior management, and takes part in communication and staff meetings.

Minimum Education:

Relative technical education or training.

- Commercial Job Title: Optimization Technician Rate: \$74.19

Minimum/General Experience:

Minimum two (2) years experience which applies to performance of traffic and hot spot analysis. Must be knowledgeable in quality, DL, and frequency allocations.

Functional Responsibility:

Resolves problems with help of Wireless Site Install Supervisor and/or Wireless Multi-site Manager. Adheres to safety and security standards/procedures. Produces reports, Training Plan and Training Records; also update Desktop instructions. Identifies and present non-conformance issues to senior management, and takes part in communication and staff meetings.

Minimum Education:

Relative technical education or training.

- Commercial Job Title: Surveyor Rate: \$74.19

Minimum/General Experience:

Two (2) years related experience in field engineering, surveying and basic layout activities. Requires knowledge of AutoCAD, Microsoft Visio, and ONC/HNC in building studies. Requires excellent written, oral, and teamwork skills.

Functional Responsibility:

Verifies dimensions and calculates materials needed for telecom equipment installation, and records data obtained at customer sites. Coordinates surveying activities with assigned engineer; prepares and revises engineering drawings, office forms, charts, etc. Maintains usage and storage of survey equipment.

Minimum Education:

High School Diploma or vocational training, plus two years related experience.

- Commercial Job Title: BTS Equipment Intallation Technician I Rate: \$93.92

Minimum/General Experience:

Two (2) to three (3) years BTS experience. Requires thorough knowledge of installation, equipment layout, integration, commissioning, testing, optimization, operation, as well as identification and maintenance of BTS Equipment, cable, etc. at cell sites.

Functional Responsibility:

Receives digital photos and site survey documents from the surveyor, and provisions the site survey. Prepares and assembles Scope of Work, Method of Procedure, Bill of Materials, "as-built" drawings, and site specific installation instructions for client.

Minimum Education:

Relative technical education or training.

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- Commercial Job Title: BTS Equipment Intallation Technician

Rate: \$74.19

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Minimum/General Experience:

Minimum of one (1) year BTS experience. Requires knowledge of BTS installation and equipment layout, as well as identification of all equipment, including power sources, cable, etc. at cell sites.

Functional Responsibility:

Performs installation, integration, commissioning, testing, optimization, operation, and maintenance of BTS Equipment, under the direction of BTS Installation Tech I. Assists in preparing and assembling Scope of Work, Method of Procedure, Bill of Materials, "as-built" drawings, and site specific installation instructions for client.

Minimum Education:

Relative technical education or training.

- Commercial Job Title: Tower Crew Leader

Rate: \$79.14

Minimum/General Experience:

Minimum three (3) years experience in the wireless tower telecommunications industry. Requires ability to troubleshoot and operate power tools, and various test equipment, including ground resistance and sweep testing. Requires knowledge and proficiency with basic knots, to include clove hitch, bowline, pipe hitch and inline bowline. Requires knowledge and demonstrated proficiency of rigging techniques, along with how to route coax, jumpers; how to weatherproof connectors and grounds; also requires knowledge of 100% tie-off procedures. Must be conversant with OSHA regulations, Volt Safety Plan, etc. Requires background in construction or electronics; also requires efficiency with Microsoft Excel, Word, and Visio.

Functional Responsibility:

Acts as Site Safety Manager and Trainer; administers Volt Safety Plan; Manages crew safety, time, materials, and site cleanup; provides tower management and maintenance; erects towers and monopoles at heights over 300 ft; installs antenna and line systems, microwave-dishes, mounts, etc. Performs grounding, hoisting, and rigging; also performs maintenance tasks, including repair of lighting systems, painting, change-outs, etc. Works on rooftops, water tanks, grain silos, or church steeples, and performs civil or warehouse work as needed. Completes as-built documents, field reports, and site records.

Minimum Education:

Certifications: Anritsu; Tower Safety and Rescue; various connectors

- Commercial Job Title: Tower Technician I Rate: \$74.19

Minimum/General Experience:

Minimum one (1) year experience in the wireless tower telecommunications industry. Requires ability to operate power tools. Requires knowledge of basic knots: Clove hitch, bowline, pipe hitch, and inline bowline. Requires knowledge of how to route coax, jumpers; how to weatherproof connectors and grounds; also requires knowledge of 100% tie-off procedures. Must be familiar with OSHA, safety issues, etc. Requires background in construction or electronics.

Functional Responsibility:

Adheres to safety requirements and reports unsafe working conditions. Provides support to Tower Crew Leader in provisioning for wireless telecommunications entities. Works under direction, guidance and supervision of the Tower Crew Leader. Erects towers; installs antenna and line systems, microwave-dishes, mounts, etc. Performs tasks assigned by Tower Crew Leader, including, terminating lines, grounding, hoisting, and rigging; also performs maintenance tasks, including repair of lighting systems, painting, change-outs, etc. Works on rooftops, water tanks, grain silos, or church steeples, and performs civil or warehouse work as needed.

Minimum Education:

Certifications: Anritsu; Tower Safety and Rescue; various connectors certification

- Commercial Job Title: Sweep Test Technician Rate: \$79.14

Minimum/General Experience:

Minimum one (1) year in Sweep test experience; Requires understanding of different system components and performances, including transmission lines, connectors and weather proofing, and antennas. Requires PC knowledge and experience with Microsoft Word, Excel, Visio, and Sweep Test Software.

Functional Responsibility:

Performs four types of tests on all deployed equipment; performs trace interpretation. Diagnoses and troubleshoots unique line sweep problems. Performs installation and periodic maintenance considerations. Prepares documentation and professional reports.

Minimum Education:

Certification Training in Site Master (Anritsu)

- Commercial Job Title: Wireless Site Intall Supervisor Rate: \$93.92

Minimum/General Experience:

Three- (3) to- five- (5) years formal and on-the-job training in wireless cell site

(towers, shelters, ice bridge transition bridges, etc.) field construction, maintenance and repair. Requires knowledge, proficiency and demonstrated competence in all phases of RF coax and RF DC power and T1 wiring connectivity technology, design and installation. Requires PC knowledge and experience with Microsoft Word, Excel, Visio, and various test equipment software.

Functional Responsibility:

Manages and is responsible for all aspects of wireless cell site (tower, roof tops, etc.) construction projects, to include all field personnel, subcontractors, and associated project expenses. Receives field reports and updates from the wireless cell site field crew, and ensures that sites are being designed per client's specifications, and in accordance with budget and deadlines. Reviews general contractor wireless project bids to include civil scopes. Supports and updates the Wireless Multi-sites Manager on field progress, and assists in coordinating the site close-out package processes, to include before-and-after digital photos, RF sweep test results, cell site install checklist, GPS readings. Reviews time sheets for proper job reporting and accuracy. Monitors Client's Quality Assurance program, and verifies that punch lists are being addressed in a timely manner. Attends cell site market deployment meetings and administers Volt Wireless Department Safety Plan.

Minimum Education:

Two-year Technical Degree or equivalent related work experience.

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- Commercial Job Title: Wireless Multi-Sites Manager Rate: \$133.55

Minimum/General Experience:

Minimum Five (5) years experience in engineering, construction, and implementation of wireless cell sites. Requires knowledge and demonstrated proficiency of cell site equipment including, interconnect equipment and circuits, power systems, generators, transmission lines, antennas, and all test equipment. Requires experience in Wireless Site Design Management.

Functional Responsibility:

Develops quotes, proposal and pricing for multi-site wireless opportunities, to include RF antennas, coax cable and jumpers, cell tower construction, rooftop cell site platforms and cabinets, RF units (WLS, DSU), DC power and T1 cabling. Plans, organizes, staffs and controls multiple job sites. Reviews and approves wireless construction personnel payroll and expenses; reviews general contractor bids, and awards site construction contracts. Receives updates from the Wireless Multi-Sites Manager on field progress and manages site to completion. Provides on-the-job training for wireless technicians. Attends deployment meetings and insures effective implementation of Quality assurance.

Minimum Education:

Bachelor's Degree in Technical Field.

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- Commercial Job Title: Project Administrator Rate: \$59.35

Minimum/General Experience:

Four (4)- to six (6)- year's managerial experience (in lieu of degree). Requires working knowledge of Microsoft Excel, Access, and Word; project management experience and technical competence with wireless.

Functional Responsibility:

Develops wireless project plans and proposals; implements and manages wireless project plan to conclusion. Develops wireless project documentation including wireless cell site installation scope check list, sweep test results, RF jumper labeling documentation, GPS reading documentation, wireless cell site DC battery readings. Delegates the wireless construction scope of work, and monitors tower, transition ice bridge and shelter material quantities, stock and pricing; forwards billing information. Supervises Admin. Assistants, and enforces company standards. Resolves customer technical concerns.

Minimum Education:

Associate degree (Bachelors Degree preferred) or equivalent related work experience

- Commercial Job Title: Central Office Applications Engineer Rate: \$67.52

Minimum/General Experience:

Minimum of three- (3) to five- (5) years experience in the telecommunications industry (in lieu of a Bachelor's degree in Electrical Engineering) in Central Office Applications design and detailed telephone central office engineering. Requires knowledge and demonstrated proficiency in telecom engineering in telephone Central Offices, Central Office remotes, Contained Environment Vaults (CEV), and wireless cell site huts.

Functional Responsibility:

Develops and prepares design and detailed engineering specifications for telephone Central Office switching and transmission facilities, utilizing outline information provided by the customer. Functions include, but are not limited to, design and detailed engineering drawings and support for the orderly construction and installation, modification and removal of toll equipment, telephone switching equipment, power systems, cable racks, telephony distribution frames, supporting AC power, wireless system cell site components and new emerging technologies such as broadband and customer-premises wireless solutions. Reviews customer order to assess telephony facilities and equipment requirements, and communicates with customer to resolve deficiencies and gain approval for changes. Prepares floor plans, telephony equipment layouts, space utilization, cost estimates, ensures standards are followed, orders equipment, prepares all job-related paperwork, monitors installation

activities.

Minimum Education:

Bachelor Degree in Electrical Engineering (or 3-5 years equivalent experience in the telecommunications industry)

- **Commercial Job Title: Central Office Journeyman Installer** **Rate: \$62.85**

Minimum/General Experience:

Central Office Journeyman Installer works under the guidance and supervision of a Lead Technician, and will have a minimum of one and one-half (1½) years of field experience in the telecommunications industry (or certified equivalent experience working in a related industry or field) and documented training as specified in the Volt Telecom Group training guidelines. Requires knowledge and demonstrated proficiency in telecommunications Central Office common systems, switching, transport and power systems, or holds a certificate of completion from an accredited training facility providing an appropriate curriculum in telecommunications, covering these central office components.

Functional Responsibility:

Performs such tasks and supports the progress of the job as determined by Lead Technician. Central Office Journeyman Installer assists in the addition and removal of telecommunications common systems and other telephony Central Office-type equipment and hardware, to include cabling, wiring and connections.

Minimum Education:

One and one-half (1½) years field experience or certified equivalent experience working in a related industry or field.