



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The Internet address for GSA Advantage! is: <http://www.gsaadvantage.gov>

**FEDERAL SUPPLY SCHEDULE CONTRACT
SCHEDULE TITLE: GENERAL PURPOSE COMMERCIAL INFORMATION
TECHNOLOGY EQUIPMENT, SOFTWARE, AND SERVICES
FSC GROUP: 70**

**CONTRACT NUMBER:
GS-35F-273BA**

**PERIOD COVERED BY CONTRACT:
March 19, 2014 through March 18, 2019**

Newbridge Wireless, LLC

**11820 W Market PI Ste J
Fulton, MD 20759
(P) 301-317-0066
(F) 410-630-7829**

<http://www.newbridgewireless.com>

Contractor's Administration Source: michael@newbridgewireless.com

General Services Administration
Management Services Center Acquisition Division
Modification **#PS-0003**, dated **7/8/2014**
Business Size: **Small**
DUNS: **801008504**

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>.

CUSTOMER INFORMATION NEWBRIDGE WIRELESS, LLC

- 1a. **TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)**

<u>SIN 132-51:</u>	Information Technology (IT) Professional Services
<u>SIN 132-53:</u>	Wireless Services
- 1b. **LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:** See attached Pricelist
- 1c. **HOURLY RATES (Services Only):** See attached proposed pricelist
2. **MAXIMUM ORDER:**

<u>SIN 132-51:</u>	\$500,000
<u>SIN 132-53:</u>	\$500,000
3. **MIMINUM ORDER:** \$100
4. **GEOGRAPHIC COVERAGE:** Domestic Delivery (48 Contiguous States & DC, Hawaii, Puerto Rico)
5. **POINT(S) OF PRODUCTION:** Newbridge Wireless, LLC 11820 W Market PI Fulton, MD 20759
6. **DISCOUNT FROM LIST PRICES:** Net GSA pricing is listed in the attached pricing table
7. **QUANTITY DISCOUNT(S):** .5% on orders of \$250,000 and greater
8. **PROMPT PAYMENT TERMS:** 1%/10, Net 30 Days
- 9a. Government purchase cards **are accepted** at or below the micro-purchase threshold
- 9b. Government purchase cards **are not accepted** above the micro-purchase threshold
10. **FOREIGN ITEMS:** None
- 11a. **TIME OF DELIVERY:** To be negotiated at the task order level
- 11b. **EXPEDITED DELIVERY:** To be negotiated at the task order level
- 11c. **OVERNIGHT AND 2-DAY DELIVERY:** To be negotiated at the task order level
- 11d. **URGENT REQUIREMENTS:** Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery
12. **FOB POINT:** Destination

- 13a. **ORDERING ADDRESS:**
- Newbridge Wireless, LLC
11820 W Market PI Ste J
Fulton, MD 20759
(P) 301-317-0066
(F) 410-630-7829
- 13b. **ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3
14. **PAYMENT ADDRESS:**
- Newbridge Wireless, LLC
Attn: Accounts Receivable
11820 W Market PI Ste J
Fulton, MD 20759
(P) 301-317-0066
(F) 410-630-7829
15. **WARRANTY PROVISION:** See Newbridge Commercial Warranty
16. **EXPORT PACKING CHARGES:** N/A
17. **TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:**
Accepted at and below the micro-purchase threshold
18. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (if applicable):** N/A
19. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A
20. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** N/A
- 20a. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A
21. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A
22. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** N/A
23. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A
- 24a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** N/A
- 24b. **Section 508 Compliance for EIT:** <http://www.newbridgewireless.com>
25. **DUNS NUMBER:** 801008504
26. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** Active. CAGE Code: 629V2

**TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT)
PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)**

1. SCOPE

- a. The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT Professional Services within the scope of this Information Technology Schedule.
- b. The Contractor shall provide services at the Contractor's facility and/or at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2. PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)

- a. Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.
- b. The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.
- c. Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3. ORDER

- a. Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.
- b. All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4. PERFORMANCE OF SERVICES

- a. The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.
- b. The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.
- c. The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.
- d. Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5. STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

- (a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause.

Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

- (1) Cancel the stop-work order; or
 - (2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.
- (b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-
- (1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and
 - (2) The Contractor asserts its right to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.
- (c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.
- (d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6. INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS □ COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I □ □ OCT 2008) (DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

7. RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

8. RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

9. INDEPENDENT CONTRACTOR

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10. ORGANIZATIONAL CONFLICTS OF INTEREST

a. Definitions.

“Contractor” means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

“Contractor and its affiliates” and “Contractor or its affiliates” refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants

and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor. An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b. To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11. INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.

(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—

- (1) The offeror;
- (2) Subcontractors; and/or
- (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT PROFESSIONAL SERVICES AND PRICING

a. The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 IT Professional Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT Professional Services shall be in accordance with the Contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices, minimum general experience and minimum education.

TERMS AND CONDITIONS APPLICABLE TO WIRELESS SERVICES (SPECIAL ITEM NUMBER 132-53)

1. ACCEPTANCE TESTING

The Contractor shall provide acceptance test plans and procedures for ordering activity approval. The Contractor shall perform acceptance testing of the systems for ordering activity approval in accordance with the approved test procedures.

2. EQUIPMENT

The Contractor shall make available cellular voice and data devices. The cellular devices offered shall be compatible with the cellular access standards employed within the geographical scope of contract.

The Contractor shall provide programming of any cellular telephone device, including Contractor-provided and ordering activity-furnished devices, that conforms to the cellular service furnished by the Contractor.

3. WARRANTY

The Contractor shall provide a warranty covering each Contractor-provided device. The minimum duration of the warranty shall be the duration of the manufacturer's commercial warranty for the item listed below:

Refer to attached Commercial Warranty document.

The warranty shall commence upon the later of the following:

- a. Activation of the user's service
- b. Installation/delivery of the equipment

The Contractor, by repair or replacement of the defective item, shall complete all warranty services within five working days of notification of the defect. Warranty service shall be deemed complete when the user has possession of the repaired or replaced item. If the Contractor renders warranty service by replacement, the user shall return the defective item(s) to the Contractor as soon as possible but not later than ten (10) working days after notification.

4. MANAGEMENT AND OPERATIONS PRICING

The Contractor shall provide management and operations pricing on a uniform basis. All management and operations requirements for which pricing elements are not specified shall be provided as part of the basic service.

5. TRAINING

The Contractor shall provide normal commercial installation, operation, maintenance, and engineering interface training on the system. If there is a separate charge, indicate below:

N/A

6. MONTHLY REPORTS

In accordance with commercial practices, the Contractor may furnish the ordering activity/user with a monthly summary ordering activity report.

7. WIRELESS SERVICE PLAN

- (a) Describe the wireless service plan and eligibility requirements. Including, but not limited to, service area, monthly service charge, minutes included, etc.

Refer to attached GSA Approved Pricelist

- (b) Describe charges, if any, for additional minutes, domestic wireless long distance, roaming, nights and weekends, etc.

Refer to attached GSA Approved Pricelist

- (c) Describe corporate volume discounts and eligibility requirements, if any.

Refer to attached GSA Approved Pricelist

8. TRADE AGREEMENTS ACT

Although contracts awarded under this solicitation are subject to the Trade Agreements Act, Wireless Service under SIN 132-53 is not covered by the World Trade Organization Government Procurement Agreement (WTO GPA) or any of the other Free Trade Agreement (FTA). See FAR 25.401 (b)(2).



WARRANTY AND MAINTENANCE

Newbridge Wireless, LLC includes a one-year manufacturer's warranty on all equipment, and a one-year warranty against installation defects by Newbridge Wireless, LLC. Our warranty will not cover system performance issues caused by changes in building interior or exterior, natural disasters, or technological evolution in cellular providers. Should the end user be interested to extend the warranty agreement, Newbridge Wireless, LLC is pleased to offer our competitive maintenance and monitoring service packages.

Newbridge Wireless, LLC
Discount Proposal Spreadsheet: SIN 132-53

SIN	Manufacturer	Mfr Product Number	Dealer Part Number	Product Name/Description	UOI (Unit of Issue)	Strings of Technology	GSA Price w/ IFF	Quantity/ Volume Discount	COO
Site Assessment Fee: Includes review existing architectural drawings, floor plans, complete site survey & investigation, feasibility study for deployment, wireless distributed antenna system (DAS) network design, determine radio frequency propagation link budget & wireless coverage prediction.									
132-53	Newbridge Wireless, LLC	OTF-SITE-1	N/A	Site Assessment Fee	per square foot	1	\$0.01627	Built into Price	US
<p>One-Time Fee (OTF) - Indoor Wireless Distributed Antenna System (DAS) Network Service Fee (requires acquisition of corresponding Monthly Recurring License Fee - MRF): A fixed price one-time charge covers indoor wireless distributed antenna system design, project management, installation and integration. Each indoor wireless distributed antenna system design is based on key factors such as traffic characteristics, coverage objective and building layout. The indoor wireless distributed antenna system design specifies hardware and software that will be used and where it is installed. Newbridge Wireless, LLC provides installation and integration services to insure all hardware and software is properly installed, powered and environmentally protected. The integration services bring together the network elements into a cohesive platform providing operational efficiencies and reliable wireless coverage for the designation area. All process control, scheduling, installation, integration and acceptance testing is operated and managed by Newbridge Wireless, LLC.</p>									
132-53	Newbridge Wireless, LLC	OTF-001-200-1	N/A	Building License Fee 1,000-200,000 Sq Ft	per square foot	1	\$0.53753	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-200-001-1	N/A	Building License Fee 200,001-1,000,000 Sq Ft	per square foot	1	\$0.31460	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-001-010-1	N/A	Building License Fee 1,000,001-10,000,000 Sq Ft	per square foot	1	\$0.26253	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-010-100-1	N/A	Building License Fee 10,000,001-100,000,000 Sq Ft	per square foot	1	\$0.20937	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-001-200-2	N/A	Each Additional String of Technology attached to Network 1,000-200,000 Sq Ft	per square foot	1	\$0.43980	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-200-001-2	N/A	Each Additional String of Technology attached to Network 200,001-1,000,000 Sq Ft	per square foot	1	\$0.25277	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-001-010-2	N/A	Each Additional String of Technology attached to Network 1,000,001-10,000,000 Sq Ft	per square foot	1	\$0.19636	Built into Price	US
132-53	Newbridge Wireless, LLC	OTF-010-100-2	N/A	Each Additional String of Technology attached to Network 10,000,001-100,000,000 Sq Ft	per square foot	1	\$0.13994	Built into Price	US

Monthly Recurring License Fee (MRF) - Indoor Wireless Distributed Antenna System (DAS) Network License Fee (requires acquisition of corresponding One-Time Fee - OTF) : A recurring license fee, for government use of Newbridge Wireless, LLC's Indoor Wireless Distributed Antenna System (DAS) for the term of the recurring license. Newbridge Wireless, LLC will own, monitor and maintain the Indoor Wireless Distributed Antenna System. Newbridge Wireless, LLC's indoor wireless distributed antenna system network provides seamless and dominant wireless coverage throughout the facility that enables a broad range of wireless services. Support services include remote diagnosis, resolution coordination, trouble ticketing, and remote trouble shooting from the in-house Network Operations Center. The procuring agency will have visibility and reporting through the customer interface. Because Newbridge Wireless, LLC will own the network, Newbridge Wireless, LLC is also responsible for all monthly and annual maintenance, repairs and swift response to outages. Signal strength and distribution in the designated area in each building will be for GSM service at average RSSI > -85dBm; for UMTS at average RCPICH > -92 dBm; for CDMA at average Pilot Power > -85 dBm throughout the designated coverage area.

132-53	Newbridge Wireless, LLC	MRF-001-200-1	N/A	Building License Fee Recurring 1,000-200,000 Sq Ft (one string of technology)	per square foot	1	\$0.00440	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-200-001-1	N/A	Building License Fee Recurring 200,001-1,000,000 Sq Ft (one string of technology)	per square foot	1	\$0.00209	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-001-010-1	N/A	Building License Fee Recurring 1,000,001-10,000,000 Sq Ft (one string of technology)	per square foot	1	\$0.00183	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-010-100-1	N/A	Building License Fee 10,000,001-100,000,000 Sq Ft (one string of technology)	per square foot	1	\$0.00157	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-001-200-2	N/A	Each Additional String of Technology attached to Network 1,000-200,000 Sq Ft	per square foot	1	\$0.00440	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-200-001-2	N/A	Each Additional String of Technology attached to Network 200,001-1,000,000 Sq Ft	per square foot	1	\$0.00209	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-001-010-2	N/A	Each Additional String of Technology attached to Network 1,000,001-10,000,000 Sq Ft	per square foot	1	\$0.00172	Built into Price	US
132-53	Newbridge Wireless, LLC	MRF-010-100-2	N/A	Each Additional String of Technology attached to Network 10,000,001-100,000,000 Sq Ft	per square foot	1	\$0.00138	Built into Price	US

SIN	Labor Category Title	Minimum Years of Experience	Functional Responsibilities	Minimum Educational/Degree Requirements	GSA Price w/ IFF
132-51	Electrical Engineer - (RF) Radio Frequency	<p>4 or more years of direct experience in the telecommunications field with a focus on wireless communication, with a bachelor's degree in Electric Engineering (BSEE) or related field.</p> <p>2 or more years of direct experience in the telecommunications field with a focus on wireless communication, with a master's degree in Electric Engineering (MSEE) or related field.</p> <p>Experience with wireless communications to include radio propagation analysis, wireless network design, antenna theory, link budget and capacity analysis, and working knowledge of cellular network technologies and protocols.</p> <p>Experience with data communications to include software/hardware design, working knowledge of the Internet, Host Protocols, Local, Wide, and Metropolitan Area Networks. Demonstrated abilities in data analysis and network documentation, working knowledge of TCP/IP, router configuration techniques, FDDI, and Ethernet.</p>	Applies state-of-the-art knowledge to determine system requirements for IT and wireless infrastructure systems. Conducts site survey; performs system design; prepares engineering drawing; commissions and optimizes implemented systems; provides general technical supervision to system installation staff throughout the life cycle of the IT and Wireless projects.	Bachelor's Degree in Electrical Engineering or related field.	\$171.03
132-51	Principial Engineer - (RF) Radio Frequency	8 or more years of experience in the telecommunications field with a focus on wireless communications. Subject matter expert in radio network and planning, wireless technologies and practices. At least two years of experience and working knowledge in data communications to include software/hardware design, Host Protocols, Local, Wide, and Metropolitan Area Networks.	Applies state-of-the-art knowledge to determine system requirements for IT and wireless infrastructure systems. Conducts site survey; performs system design; prepares engineering drawing; commissions and optimizes implemented systems; provides general technical supervision to system installation staff throughout the life cycle of the IT and Wireless projects. Provides training and high-level technical assistance to RF Electrical Engineers.	Bachelor's Degree in Electrical Engineering or related field.	\$190.58
132-51	Engineering Manager	8 years experience managing and leading engineering teams throughout the engineering life cycles of IT and wireless projects.	Manages teams of engineering staff; provides technical guidance and strategic direction for IT and Wireless; communicates with client CTO/CIO on key engineering decision relating to projects at hand. More specifically, the Engineering Manager has the responsibilities of supervising all design engineers and, more importantly resolving very challenging technical issues on a daily basis. He/She needs to have profound understanding of the laws of physics relating to the radio waves and the interference behaviors with one another in very dynamic indoor/out-door environments. When applying the physics knowledge to solve the problems, he/she needs to be an expert in the modern wireless technologies and their applications in cellular communications. In addition, he/she must be well-versed in antenna theories, RF signal propagation, and the latest development in original equipment manufacturer (OEM) community.	Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline.	\$199.29
132-51	Senior Wireless Technician	5 or more years experience in installing, commissioning and troubleshooting wireless network. Working knowledge in radio frequency theory, link budget and radio networks.	Performs installation of system components of IT and Wireless networks; tests and troubleshoots system connectivity; commissions IT and Wireless systems; provides optimization and maintenance support.	Relative technical education or training	\$131.94
132-51	Wireless Technician	2 or more years experience in installing, commissioning and troubleshooting wireless network. Working knowledge in radio frequency theory, link budget and radio networks.	Performs installation of system components of IT and Wireless networks; tests and troubleshoot system connectivity; commissions IT and Wireless systems; provides optimization and maintenance support. Supervises junior technicians; provides training and mentorship to Wireless Technicians.	Relative technical education or training	\$110.08
132-51	Field Operations Manager	8 or more years of experience in managing IT and wireless system infrastructure construction; extensive experience in field operations; proficiency in communications with project management, engineering management and property management for IT and Wireless network deployment.	Manages the field operations side of complex, mission-critical, strategic IT and Wireless projects for government and/or commercial clients. Responsible for all implementation operations and tasks; has direct accountability to the customer, the company and any subcontractor partners for said projects and tasks. Manages the teams of Wireless Technicians; responsible for the technical and non-technical competence of the field team; establishes and controls quality standard for field operations; manages logistics for daily requirements of tools and vehicles.	BA/BS in technical discipline for the service being provided. An advanced degree may be substituted with 3 years relative experience.	\$146.60
132-51	Project Manager	5 or more years of experience in managing IT and Wireless projects; extensive management experience in project process, quality control and cross-organizational team; extensive experience in communications with senior management, project financial analysts, clients and field operation team.	Simultaneously plan and direct a technical project or a group of related tasks. Responsible for overall direction and management of specific tasks orders and ensures that the technical solutions and schedules in the task order are implemented in a timely manner. PM is also responsible for the development of planning documents, instructions, and standards that are need for each project. Supervise, lead, and direct technical teams and project activities. Manage project schedules, resources, and budget. Performs site surveys. Prepare project plan including schedules with major and minor milestones and bills of materials. Anticipate requirements for and requisitions manpower resources, materials, tools, and test equipment need to complete project. Responsible for all project logistics. May attend pre-construction walk. Order equipment as needed. Provide updates to Government clients/end users. Schedule contractors/subcontractors as needed.	Bachelor's Degree in a technical or management discipline.	\$167.51