

**FIBERTOWER SOLUTIONS CORPORATION
TERMS AND CONDITIONS FOR SIN 132-52 SERVICES**

“FiberTower Solutions reserves the right to review and determine whether to accept orders fewer than 20 links. FiberTower Solutions will communicate with a customer within three (3) business days to discuss any special considerations or cost revisions which may be necessary in order to provide service to desired locations.”

1. Pricing set forth is conditioned upon reasonable and no cost access to the rooftops, buildings, towers or other facilities and their existing enclosures necessary to provide service to the desired locations. This includes, where necessary, no cost access to power supplies at the desired locations. Should FiberTower Solutions have to incur any such costs, they will be passed on to a customer at an increase in the prices set forth.
 2. GSA acknowledges that FiberTower Solutions’ provision of Service requires a wireless microwave connection(s) between customer’s service locations. Due to distance and line-of-sight limitations inherent to the wireless microwave technology, it may not be feasible to provide this service to all desired locations.
 3. The customer acknowledges that FiberTower Solutions must conduct site surveys at desired locations prior to agreeing to provide service at the prices set forth. Site survey costs are noted in SIN 132-52 rate tables. Results of site surveys and subsequent network designs may cause increases in prices set forth.
 4. The customer may seek certain special orders or services. In such cases, engineering services are available. Technician and site commissioning costs are additional and quoted per project based on attached SIN 132-52 rates and overall individual project details.
 5. Pricing set forth is based on a minimum order of twenty (20) locations within the same Metropolitan Service Area (MSA). The GSA may aggregate orders from multiple organizations within the same MSA in an effort to meet the minimum volume commitment. Orders which do not meet the minimum volume commitment are subject to review by First Avenue. FiberTower Solutions will communicate with a customer within three (3) business days to discuss any special considerations or cost revisions which may be necessary in order to provide service to desired locations.
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SIN 132-52 RATES AND DESCRIPTION OF SERVICE

Note: These rates are monthly recurring charges.

Private Line Service: Point to Point		GSA Pricing w/ IFF
Capacity	Service Description	MRC
8XDS1	Point-to-point 8XDS1 broadband wireless access service	\$ 1,279.53
16XDS1	Point-to-point 16XDS1 broadband wireless access service	\$ 1,598.90
DS3	Point-to-point DS3 broadband wireless access service	\$ 1,919.29
OC3	Point-to-point OC3 broadband wireless access service	\$ 3,732.79
Private Line Service: Point to Multipoint Service		
Capacity	Service Description	MRC
8XDS1 (Hub Site)	Point-to-multipoint 8XDS1 broadband wireless access service (hub site)	\$ 1,279.53
16XDS1 (Hub Site)	Point-to-multipoint 16XDS1 broadband wireless access service (hub site)	\$ 1,598.90
DS3 (Hub Site)	Point-to-multipoint DS3 broadband wireless access service (hub site)	\$ 1,919.29
OC3 (Hub Site)	Point-to-multipoint OC3 broadband wireless access service (hub site)	\$ 3,732.79
8XDS1 (B-End)	Point-to-multipoint 8XDS1 broadband wireless access service (B-End)	\$ 1,279.53
16XDS1 (B-End)	Point-to-multipoint 16XDS1 broadband wireless access service (B-End)	\$ 1,598.90
DS3 (B-End)	Point-to-multipoint DS3 broadband wireless access service (B-End)	\$ 1,919.29
OC3 (B-End)	Point-to-multipoint OC3 broadband wireless access service (B-End)	\$ 3,732.79

Private Line Service with Enhanced Architecture		
Capacity	Service Description	MRC
8XDS1	Point-to-point 8XDS1 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 2,559.05
16XDS1	Point-to-point 16XDS1 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 3,197.81
DS3	Point-to-point DS3 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 3,840.59
OC3	Point-to-point OC3 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 7,465.58
8XDS1	Point-to-multipoint 8XDS1 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 2,418.00
16XDS1	Point-to-multipoint 16XDS1 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 3,022.50
DS3	Point-to-multipoint DS3 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 4,030.00
OC3	Point-to-multipoint OC3 broadband wireless access service with 30 Millisecond Failover (B-End)	\$ 7,455.50
8XDS1	Enhanced Diversity Routing - Switch Diversity	\$ 1,279.53
16XDS1	Enhanced Diversity Routing - Switch Diversity	\$ 1,598.90
DS3	Enhanced Diversity Routing - Switch Diversity	\$ 1,919.29
OC3	Enhanced Diversity Routing - Switch Diversity	\$ 3,732.79

SIN 132-51 LABOR CATEGORY DESCRIPTIONS & RATES

Commercial Job Title: RF Senior Engineer

Minimum Education: Bachelor of Science in Electrical Engineering (BSEE) with an emphasis in wireless telecommunications.

Minimum/General Experience: Eight years work experience in RF wireless design engineering on telecommunications systems with RF deployment experience with at least three years experience as a supervisor.

Functional/Responsibility: Responsible for managing the analysis, design, implementation and enhancement of wireless telecommunications networks. These include existing and planned networks for cellular and digital mobile phone and data transmission networks. The Senior RF Engineer acts as project lead, with responsibilities that include approving RF sites, linking budgets, system dimensioning for coverage and capacity including traffic analysis, evaluating system design and dimensioning, RF coverage planning, frequency planning and interference analysis.

GSA Rate: \$95.88

Commercial Job Title: RF Engineer

Minimum Education: Bachelor of Science from a four-year college in Electrical Engineering (BSEE) with an emphasis in wireless telecommunications.

Minimum/General Experience: Five years work experience in RF wireless design engineering on telecommunications systems with RF deployment experience and previous managerial experience.

Functional/Responsibility: Responsible for the design and deployment of Fixed Wireless Access Networks which provide high-speed communication to fixed location users, using point to point or/and point to multi-point radios. Design phase tasks include pre-deployment equipment analysis, and technology assessment, market assessment, radio network planning, site surveys, path analysis, access planning, interference analysis, demand planning, test and measurement of the equipment and interfacing with the market development team. While in the deployment phase, will oversee test and measurement, compiling site packages in coordination with site acquisition, and the clients, working with installation to verify equipment configuration, contribute to and oversee antenna

alignment and acceptance testing of equipment. The RF Engineer will answer technical questions as well as day-to-day operational questions.

GSA Rate: \$75.69

Labor Category: RF Technician

Minimum Education: High school diploma with formal product training or advanced technical training preferred. A combination of training and field experience is desired. Ability to use a personal computer and various software applications a must.

Minimum/General Experience: Four (4) years experience in performing moderate hardware and functional testing of RF related elements and products as they relate to wireless systems. Experience performing on customer sites with successful job completion. Understands and has in depth technical knowledge of current RF product lines as they relate to communications interfaces. Knowledgeable of phases of product installation and testing. The ability to perform hardware testing and functional testing on one or multiple product lines. Must have understanding of customer networks.

Functional/Responsibility: Experience with basic configurations and construction of product hardware architecture at customer site. Understands architectures and product line as they relate to customer wireless communications requirements. Performs moderate hardware testing and functional testing on one or multiple product types. Performs complete hardware and functional testing on both in and out of service environment on multiple product lines. Performs power verification on multiple product types and, when necessary, performs all physical and mechanical installation activities. Inventories all job-related materials and demonstrates proper use of tools. Stays current on installation documentation and reads and interprets engineering specs, prints and drawings. Develops comprehensive (hardware and functional) test plans and exercises established safety practices.

GSA Rate: \$60.55
