

**EXHIBIT A: BELLSOUTH/CLEC-1 RATES – NORTH CAROLINA
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

Note(s):

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, CLEC-1 will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event CLEC-1 opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to CLEC-1 as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. CLEC-1 may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill CLEC-1 for the space enclosure, and this fee shall not be applicable.
- (4) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, CLEC-1 may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.
- (5) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling CLEC-1-requested modifications to requests in progress or augmentations for existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, CLEC-1 agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

**EXHIBIT A: BELLSOUTH/CLEC-1 RATES – SOUTH CAROLINA
PHYSICAL COLLOCATION**

Rates marked with an asterisk (*) are interim and are subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$4,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1600.00 Minimum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC*	Per ton (one ton minimum)		\$2,100.00
	Ground Bar*	Per Connection		\$720.00
	Project Management*	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99			
	Welded Wire-mesh	Per first 100 sq. ft.	\$224.60	NA
	Welded Wire-mesh	Per add'l 50 sq. ft.	\$22.81	NA
PE1PJ	Floor Space	Per square foot	\$3.90	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,217.00
PE1PM	Cable Support Structure	Per entrance cable	\$24.55	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$7.09	ICB
	120V AC Power single phase*	Per breaker amp	\$5.50	ICB
	240V AC Power single phase*	Per breaker amp	\$11.00	ICB
	120V AC Power three phase*	Per breaker amp	\$16.50	ICB
	277V AC Power three phase*	Per breaker amp	\$38.20	ICB

**EXHIBIT A: BELLSOUTH/CLEC-1 RATES – SOUTH CAROLINA
PHYSICAL COLLOCATION (cont.)**

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
	Cross Connects (Note 4)			First / Additional
PE1P2	2-wire	Per Cross Connect	\$.3648	\$41.50/\$38.94
PE1P4	4-wire	Per Cross Connect	\$.7297	\$41.56/\$38.90
PE1P1	DS-1	Per Cross Connect	\$2.70	\$70.79/\$50.78
PE1P3	DS-3	Per Cross Connect	\$49.24	\$69.60/\$49.14
PE1F2	2-fiber	Per Cross Connect	\$13.75	\$73.00/\$52.00
PE1F4	4-fiber	Per Cross Connect	\$24.71	\$88.00/\$67.00
	Co-Carrier Cross-Connect (Note 5)			
PE1ES Fiber	Fiber Arrangement Cable Support Structure	Per linear foot (existing)	\$0.06	NA
PE1DS Copper	Copper or Coaxial Arrangement	Per linear foot (existing)	\$0.03	NA
TBD	Cable Support Structure Construction	Per new construction	NA	ICB
PE1A1	Security Access System Security system*	Per Central Office	\$52.00	
	New Access Card Activation*	Per Card		\$55.00
	Administrative change, existing card*	Per Card		\$35.00
	Replace lost or stolen card	Per Card		\$250.00
TBD	Space Availability Report*	Per Central Office Requested		\$550.00
	POT Bay Arrangements Prior to 6/1/99	Per Cross Connect		
PE1PE	2 Wire Cross-Connect		\$.1091	NA
PE1PF	4 Wire Cross-Connect		\$.2181	NA
PE1PG	DS1 Cross-Connect		\$.9004	NA
PE1PH	DS3 Cross-Connect		\$5.64	NA
PE1B2	2 Fiber Cross-Connect		\$34.09	NA
PE1B4	4 Fiber Cross-Connect		\$45.97	NA
PE1BT PE1OT PE1PT	Security Escort Basic Time Overtime Premium Time	Per 1/2 hour/Additional Half-hour	NA NA NA	\$43.00/\$25.57 \$54.62/\$32.46 \$66.24/\$39.35

**EXHIBIT A: BELLSOUTH/CLEC-1 RATES – SOUTH CAROLINA
PHYSICAL COLLOCATION (cont.)**

AEH	Additional Engineering Fee (Note 6)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

Note(s):

N/A refers to rate elements which do not have a negotiated rate.

- (1) **Subsequent Application Fee:** BellSouth requires the submission of an Application Fee for modifications to an existing arrangement. However, when the modifications do not require BellSouth to expend capital, BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee. Proposed modifications that could result in assessment of a Subsequent Application Fee would cause BellSouth to analyze the following but are not limited to: floor loading changes, changes to HVAC requirements, power requirement changes which may result in a power plant upgrade, environmental or safety requirements, or equipment relocation. Should the Subsequent Application Fee not be included as part of this Agreement, CLEC-1 will be assessed the full Application Fee for all subsequent activity for completed arrangements.
- (2) **Space Preparation Fee:** The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers the costs associated with the shared physical collocation area within a Central Office, which include survey, engineering, design and modification costs for network, building and support systems. In the event CLEC-1 opts for non-enclosed space, the space preparation fee will be assessed based on the total floor space dedicated to CLEC-1 as prescribed in Section 7 of the Collocation Agreement.
- (3) **Space Enclosure Fee:** For cages requested prior to June 1, 1999, the Space Enclosure Construction Fee is a monthly recurring fee, assessed per enclosure, per location with a one-hundred (100) square foot minimum enclosure. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. The cost for additional square feet is applicable only when ordered with the first 100 square feet and must be requested in fifty (50) square foot increments. CLEC-1 may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. In this event, the contractor shall directly bill CLEC-1 for the space enclosure, and this fee shall not be applicable.
- (4) **Cross Connects:** The charges for cross connects are for orders placed electronically. Cross connect elements may also be ordered manually for which there is an additional charge per element.

	<u>First / Additional</u>
2-wire	\$46.66 / \$44.10
4-wire	\$46.68 / \$44.02
DS-1	\$75.88 / \$55.87
DS-3	\$74.69 / \$54.23

- (5) **Co-Carrier Cross-Connect.** As stated in Section 5 of the Collocation Agreement, CLEC-1 may connect to other CLECs within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Where BellSouth must construct a cable rack structure to house the co-Carrier cross-connection, construction charges will be applied on an individual case basis. BellSouth shall provide an estimate of these charges in the Application Response. Where an existing cable rack structure is in place and has sufficient capacity to accommodate the co-Carrier cross-connection requested, the recurring charges as stated in this Exhibit A shall apply.

**EXHIBIT A: BELLSOUTH/CLEC-1 RATES – SOUTH CAROLINA
PHYSICAL COLLOCATION (cont.)**

- (6) **Additional Engineering Fee:** BellSouth's additional engineering, and other labor costs associated with handling CLEC-1-requested modifications to requests in progress or augmentations to existing arrangements shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. Should Additional Engineering rates not be included, CLEC-1 agrees not to make changes to collocation arrangement after a Bona Fide Firm Order is submitted.

EXHIBIT A: BELLSOUTH/CLEC-1 RATES – TENNESSEE*
PHYSICAL COLLOCATION

*All Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BA	Application Fee	Per Request	NA	\$3,850.00
PE1CA	Subsequent Application Fee (Note 1)	Per Request	NA	\$1,600.00 Minumum
PE1BB	Space Preparation Fee (Note 2)			
	Mechanical / HVAC	Per ton (one ton minimum)		\$2,100.00
	Ground Bar	Per Connection		\$720.00
	Project Management	Per arrangement		\$1,675.00
	Cable Racking/Fiber Duct	Per arrangement, per square foot		ICB
	Frame / Aisle lighting	Per arrangement, per square foot		ICB
	Framework Ground Conductors	Per arrangement		ICB
	Extraordinary Modifications	Per arrangement		ICB
PE1BW PE1CW	Space Enclosure (Note 3) Prior to 6/1/99 Welded Wire-mesh Welded Wire-mesh	Per first 100 sq. ft. Per add'l 50 sq. ft.	\$190.79 \$19.38	NA NA
PE1PJ	Floor Space	Per square foot	\$7.50	NA
PE1BD	Cable Installation	Per Cable	NA	\$2,750.00
PE1PM	Cable Support Structure	Per entrance cable	\$13.35	NA
PE1PL	Power			
	-48V DC Power	Per amp	\$5.00	ICB
	120V AC Power single phase	Per breaker amp	\$5.50	ICB
	240V AC Power single phase	Per breaker amp	\$11.00	ICB
	120V AC Power three phase	Per breaker amp	\$16.50	ICB
	277V AC Power three phase	Per breaker amp	\$38.20	ICB

EXHIBIT A: BELLSOUTH/CLEC-1 RATES – TENNESSEE*
PHYSICAL COLLOCATION (cont.)

*Rates are interim and subject to true-up.

USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1P2	Cross Connects 2-wire	Per Cross Connect	\$.30	First / Additional \$19.20/\$19.20
PE1P4	4-wire		\$.50	\$19.20/\$19.20
PE1P1	DS-1		\$8.00	\$155.00/\$27.00
PE1P3	DS-3		\$72.00	\$155.00/\$27.00
PE1F2	2-fiber		\$15.90	\$73.00/\$52.00
PE1F4	4-fiber		\$28.50	\$88.00/\$67.00
	Co-Carrier Cross-Connect (Note 4)			
PE1ES Fiber	Fiber cable support structure, existing	Per linear foot	\$0.06	NA
PE1DS Copper	Copper or Coaxial cable support structure, existing	Per linear foot	\$0.03	NA
TBD	Cable Support Structure Construction (new)	Per new construction	NA	ICB
PE1A1	Security Access System Security system New Access Card Activation Administrative change, existing card Replace lost or stolen card	Per Central Office Per Card Per Card Per Card	\$52.00	\$55.00 \$35.00 \$250.00
TBD	Space Availability Report	Per Central Office Requested		\$550.00
	POT Bay Arrangements <i>Prior to 6/1/99</i>			
PE1PE	2 Wire Cross-Connect	Per Cross Connect	\$0.40	NA
PE1PF	4 Wire Cross-Connect	Per Cross Connect	\$1.20	NA
PE1PG	DS1 Cross-Connect	Per Cross Connect	\$1.20	NA
PE1PH	DS3 Cross-Connect	Per Cross Connect	\$8.00	NA
PE1B2	2 Fiber Cross-Connect	Per Cross Connect	\$39.30	NA
PE1B4	4 Fiber Cross-Connect	Per Cross Connect	\$53.00	NA

EXHIBIT A: BELLSOUTH/CLEC-1 RATES – TENNESSEE*
PHYSICAL COLLOCATION (cont.)

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USOC	Rate Element Description	Unit	Recurring Rate (RC)	Non-Recurring Rate (NRC)
PE1BT PE1OT PE1PT	Security Escort Basic Time Overtime Premium Time	Per 1/2 hour/Additional Half-hour	NA NA NA	\$41.00/\$25.00 \$48.00/\$30.00 \$55.00/\$35.00
AEH	Additional Engineering Fee (Note 5)	Per request, First half hour/Add'l Half hour		First /Add'l Basic Time - \$31.00/\$22.00 Overtime - \$37.00/\$26.00

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PHYSICAL COLLOCATION (cont.)

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ENVIRONMENTAL AND SAFETY PRINCIPLES

The following principles provide basic guidance on environmental and safety issues when applying for and establishing Physical Collocation arrangements.

1. GENERAL PRINCIPLES

1.1 Compliance with Applicable Law. BellSouth and CLEC-1 agree to comply with applicable federal, state, and local environmental and safety laws and regulations including U.S. Environmental Protection Agency (USEPA) regulations issued under the Clean Air Act (CAA), Clean Water Act (CWA), Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act (SARA), the Toxic Substances Control Act (TSCA), and OSHA regulations issued under the Occupational Safety and Health Act of 1970, as amended and NFPA and National Electrical Codes (NEC) and the NESC ("Applicable Laws"). Each party shall notify the other if compliance inspections are conducted by regulatory agencies and/or citations are issued that relate to any aspect of this Agreement.

1.2 Notice. BellSouth and CLEC-1 shall provide notice to the other, including Material Safety Data Sheets (MSDSs), of known and recognized physical hazards or Hazardous Chemicals existing on site or brought on site. Each party is required to provide specific notice for known potential Imminent Danger conditions. CLEC-1 should contact 1-800-743-6737 for BellSouth MSDS sheets.

1.3 Practices/Procedures. BellSouth may make available additional environmental control procedures for CLEC-1 to follow when working at a BellSouth Central Office (See Section 2, below). These practices/procedures will represent the regular work practices required to be followed by the employees and contractors of BellSouth for environmental protection. CLEC-1 will require its contractors, agents and others accessing the BellSouth Central Office to comply with these practices. Section 2 lists the Environmental categories where BST practices should be followed by CLEC when operating in the BellSouth Central Office.

1.4 Environmental and Safety Inspections. BellSouth reserves the right to inspect the CLEC-1 space with proper notification. BellSouth reserves the right to stop any CLEC-1 work operation that imposes Imminent Danger to the environment, employees or other persons in the area or Facility.

1.5 Hazardous Materials Brought On Site. Any hazardous materials brought into, used, stored or abandoned at the BellSouth Central Office by CLEC-1 are owned by CLEC-1. CLEC-1 will indemnify BellSouth for claims, lawsuits or damages to persons or property caused by these materials. Without prior written BellSouth approval, no substantial new safety or environmental hazards can be created by CLEC-1 or different hazardous materials used by CLEC-1 at BellSouth Facility. CLEC-1 must demonstrate adequate emergency response

capabilities for its materials used or remaining at the BellSouth Facility.

1.6 **Spills and Releases.** When contamination is discovered at a BellSouth Central Office, the party discovering the condition must notify BellSouth. All Spills or Releases of regulated materials will immediately be reported by CLEC-1 to BellSouth.

1.7 **Coordinated Environmental Plans and Permits.** BellSouth and CLEC-1 will coordinate plans, permits or information required to be submitted to government agencies, such as emergency response plans, spill prevention control and countermeasures (SPCC) plans and community reporting. If fees are associated with filing, BellSouth and CLEC-1 will develop a cost sharing procedure. If BellSouth's permit or EPA identification number must be used, CLEC-1 must comply with all of BellSouth's permit conditions and environmental processes, including environmental "best management practices (BMP)" (see Section 2, below) and/or selection of BST disposition vendors and disposal sites.

1.8 **Environmental and Safety Indemnification.** BellSouth and CLEC-1 shall indemnify, defend and hold harmless the other party from and against any claims (including, without limitation, third-party claims for personal injury or death or real or personal property damage), judgments, damages, (including direct and indirect damages, and punitive damages), penalties, fines, forfeitures, costs, liabilities, interest and losses arising in connection with the violation or alleged violation of any Applicable Law or contractual obligation or the presence or alleged presence of contamination arising out of the acts or omissions of the indemnifying party, its agents, contractors, or employees concerning its operations at the Facility.

2. CATEGORIES FOR CONSIDERATION OF ENVIRONMENTAL ISSUES

When performing functions that fall under the following Environmental categories on BellSouth's Central Office, CLEC-1 agrees to comply with the applicable sections of the current issue of BellSouth's Environmental and Safety Methods and Procedures (M&Ps), incorporated herein by this reference. CLEC-1 further agrees to cooperate with BellSouth to ensure that CLEC-1's employees, agents, and/or subcontractors are knowledgeable of and satisfy those provisions of BellSouth's Environmental M&Ps which apply to the specific Environmental function being performed by CLEC-1, its employees, agents and/or subcontractors.

The most current version of reference documentation must be requested from BellSouth.

2. Categories for Consideration of Environmental Issues (cont.)

ENVIRONMENTAL CATEGORIES	ENVIRONMENTAL ISSUES	ADDRESSED BY THE FOLLOWING DOCUMENTATION
Disposal of hazardous material or other regulated material (e.g., batteries, fluorescent tubes, solvents & cleaning materials)	Pollution liability insurance EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Emergency response	Hazmat/waste release/spill firesafety emergency	GU-BTEN-001BT, Chapter Building Emergency Operations Plan (EOP) (specific to Central Office)
Contract labor/outsourcing for services with environmental implications to be performed on BellSouth Central Office (e.g., disposition of hazardous material/waste; maintenance of storage tanks)	Performance of services in accordance with BST's environmental M&Ps Insurance	Std T&C 450 Std T&C 450-B (Contact E/S or your DEC/LDEC for copy of appropriate E/S M&Ps.) Std T&C 660
Transportation of hazardous material	Pollution liability insurance EVET approval of contractor	Std T&C 450 GU-BTEN-001BT, Chapter 4 Std T&C 660-3 GU-BTEN-001BT, Chapter 10
Maintenance/operations work which may produce a waste Other maintenance work	Protection of BST employees and equipment	Std T&C 450 GU-BTEN-001BT, Chapter 10 29CFR 1910.147 29CFR 1910 Subpart O
Janitorial services	All waste removal and disposal must conform to all applicable federal, state and local regulations All HazMat & Waste Asbestos notification protection of BST employees and equipment	P&SM Manager - Procurement GU-BTEN-001BT, Chapter 4, GU-BTEN-001BT, Chapter 3 BSP 010-170-001BS (Hazcom)
Manhole cleaning	Pollution liability insurance Manhole entry requirements EVET approval of contractor	Std T&C 450 Std T&C 660-3 BSP 620-145-011PR Issue A, August 1996 GU-BTEN-001BT, Chapter 10 RL9706008BT
Removing or disturbing building materials that may contain asbestos	Asbestos work practices	GU-BTEN-001BT, Chapter 3

3. DEFINITIONS

Generator. Under RCRA, the person whose act produces a Hazardous Waste, as defined in 40 CFR 261, or whose act first causes a Hazardous Waste to become subject to regulation. The Generator is legally responsible for the proper management and disposal of Hazardous Wastes in accordance with regulations.

Hazardous Chemical. As defined in the U.S. Occupational Safety and Health (OSHA) hazard communication standard (29 CFR 1910.1200), any chemical which is a health hazard or physical hazard.

Hazardous Waste. As defined in section 1004 of RCRA.

Imminent Danger. Any conditions or practices at a facility which are such that a danger exists which could reasonably be expected to cause immediate death or serious harm to people or immediate significant damage to the environment or natural resources.

Spill or Release. As defined in Section 101 of CERCLA.

4. ACRONYMS

DEC/LDEC - Department Environmental Coordinator/Local Department Environmental Coordinator

GU-BTEN-001BT - BellSouth Environmental Methods and Procedures

EVET - Environmental Vendor Evaluation Team

P&SM - Property & Services Management

Std. T&C - Standard Terms & Conditions

NESC - National Electrical Safety Codes



Collocation Handbook

Version 8

June 17, 1999

Effective: July 17, 1999

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SECTION 1

Preface

This handbook describes BellSouth's Collocation offerings, providing general information regarding the terms and conditions, ordering process, provisioning and maintenance of BellSouth's Collocation Offerings. If a collocator orders collocation service pursuant to BellSouth's Statement of Generally Available Terms and Conditions (SGAT), the terms and conditions provided herein become a legally binding agreement. However, to the extent that the collocator enters into a separate agreement with BellSouth for physical collocation, the terms and conditions of that agreement will apply. The terms and conditions for BellSouth's Virtual Collocation offering are described in BellSouth's FCC #1 Tariff, section 20 or BellSouth's Florida Access Tariff (E20).

Introduction

BellSouth offers Virtual Expanded Interconnection Service, or Virtual Collocation, as a tariffed service offering and Physical Collocation (Caged, Shared-Caged, Cageless and Adjacent) as a contract service offering. BellSouth will negotiate Physical Collocation on an individual contract basis. Both Virtual and Physical collocation will be made available on a first come, first served basis, depending on space availability for interconnection to unbundled network elements and retail service offerings necessary for use by telecommunications service providers in providing telecommunications services. You will find a list of contacts included for your convenience to obtain more information on BellSouth's collocation offerings.

SECTION 2

Service Descriptions

2.1 Virtual Expanded Interconnection Service (VEIS)

VEIS, or Virtual Collocation, is a tariffed service offering which provides for the placement of collocator-owned equipment and facilities in BellSouth Central offices for interconnection to the BellSouth network. Such equipment must be used or useful for the provision of telecommunications services and may include, but not be limited to, optical terminating equipment and multiplexers, digital subscriber line access multiplexers (DSLAM), routers, asynchronous transfer mode (ATM) multiplexers, and remote switching modules. Collocation arrangements may interconnect to designated BellSouth tariffed services, local interconnection trunks and/or unbundled network elements.

With VEIS, the collocator may opt to place fiber optic entrance facilities from outside the central office to an interconnection point designated by BellSouth (e.g. a serving manhole). The entrance facility is pulled into the central office cable vault by BellSouth, spliced into pre-terminated, fire-retardant riser cable and connected to the collocated equipment. Multiple entrance facility points will be made available where such entrances exist and capacity is available. The collocator must contract directly with its selected BellSouth Certified vendor for engineering and installation of the collocation equipment arrangement.

To ensure the compatibility of the facilities and equipment used to provision Virtual Collocation, collocated equipment and cabling facilities will be provided by the collocator. This includes, but is not limited to, all equipment to be placed within the arrangement and associated plug-ins/line cards, software, test equipment, the pre-terminated, fire-retardant riser cable, cabling from the equipment arrangement to the BellSouth cross-connect demarcation point, cabling from the arrangement to the BellSouth-provided power source, and any unique tools required to provision, maintain or repair the arrangement.

BellSouth will lease the collocator's entrance fiber, cabling and equipment arrangement for the nominal fee of one dollar. BellSouth will perform all maintenance and repair on VEIS equipment once the collocator requests such work. For this reason, VEIS equipment arrangements are most commonly located in the BellSouth equipment line-up. Performance monitoring and alarming of the collocated equipment is the responsibility of the collocator and must be performed remotely. For additional information regarding BellSouth's Virtual Expanded Interconnection Service, please reference Section 20 of BellSouth's FCC #1 tariff or section 20 of BellSouth's Florida Dedicated Access Tariff.

Service Descriptions (cont.)

2.2 Physical Collocation

Physical Collocation is a negotiated contract arrangement for the placement of collocator-owned facilities and equipment in BellSouth Central offices. Such equipment must be used or useful in the provision of telecommunications services and may include, but is not limited to, optical terminating equipment and multiplexers, digital subscriber line access multiplexers (DSLAM), routers, asynchronous transfer mode (ATM) multiplexers, and remote switching modules. Physical Collocation is available as: Caged, Shared Caged, Cageless and Adjacent. Equipment ownership, maintenance and insurance are the responsibility of the collocator or their approved agent. The equipment compliment may include any type of equipment used or useful for interconnection or access to unbundled network elements in the provision of telecommunications services.

For two-wire and four-wire connections to BellSouth's network, the demarcation point will be a common block on the BellSouth conventional distributing frame. The collocator is responsible for providing the common block and the necessary cabling. For all other terminations, BellSouth will designate a demarcation point on a per-arrangement basis which permits direct connection to BellSouth's network. The collocator may opt to place a point of termination bay (POT bay) within its collocation space; such POT bay will not serve as a demarcation point between the collocator's equipment and BellSouth's network.

In addition to and not in lieu of connection to BellSouth's network, BellSouth permits two or more carriers within the same BellSouth central office to directly connect their respective collocation arrangements through co-carrier cross-connects. A collocator may construct its own co-carrier cross-connection between its collocated equipment and that of one or more collocated carriers within the same central office premises using BellSouth certified vendors and BellSouth specifications for such connections, or may request that BellSouth provide such connection. In cases where the co-carrier cross-connect will be deployed between collocation equipment located within the same collocation space or within contiguous collocation spaces, then and only then will the collocator be permitted to perform the cross-connections themselves. All equipment placed as part of a collocation arrangement must be installed by a BellSouth Certified vendor and must meet Bellcore(Telcordia)/NEBS Level 1 standards. The collocator must contract directly with its selected certified vendor for the engineering and installation of the collocated equipment and facilities. Collocators interested in becoming a certified vendor may contact BellSouth to obtain vendor certification process information.

Caged Collocation: A collocator may enclose its collocated equipment and facilities within an arrangement enclosure (e.g., cage) at its option or if required by local building code. BellSouth will no longer construct arrangement enclosures. The collocator must arrange with a BellSouth certified contractor to construct the collocation arrangement enclosure in accordance with BellSouth's guidelines and specifications and at its sole expense. BellSouth will provide the construction guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard enclosure specification, the collocator and its BellSouth certified contractor must comply with building code requirements.

Service Descriptions (cont.)

Caged Collocation: (cont.)

Under certain conditions, the collocator may be permitted to construct power plant facilities. Power equipment installed by the collocator must be enclosed within fire rated walls, which must be constructed in accordance with BellSouth and local building code specifications utilizing a BellSouth certified contractor. The collocator's BellSouth certified contractor is responsible for filing and receiving any and all necessary permits and/or licenses for such construction performed within or upon the BellSouth central office. The certified vendor must bill the collocator directly for all work performed for the collocator and BellSouth will have no liability for nor responsibility to pay such charges imposed by the Certified vendor. The collocator must provide the local BellSouth building contact with two access keys used to enter the locked enclosure. BellSouth will not access the collocator's locked enclosure prior to notifying the collocator, except in case of emergency.

Shared (Subleased) Caged Collocation: A collocator may allow other telecommunications carriers to share the collocator's caged collocation arrangement pursuant to terms and conditions agreed to by the collocator ("Host") and other telecommunications carrier(s) ("Guests") and pursuant to this section with the following exceptions: (1) where local building code does not allow Shared (Subleased) Caged Collocation and (2) where the BellSouth central office is located within a leased space and BellSouth is prohibited by said lease from offering such an option. The terms and conditions of the agreement between the Host and its Guest(s) must be written and a copy provided to the Host's BellSouth contact within ten (10) business days of its execution and prior to submission of a firm order requesting shared space. Further, this agreement must incorporate by reference the rates, terms, and conditions of the Agreement between BellSouth and the Host.

The Host will be the sole interface and responsible party to BellSouth for the purpose of submitting applications for initial and additional equipment placements of Guest; for payment of rates and charges contained within its Agreement with BellSouth; and for purposes of ensuring that the safety and security requirements of its Agreement with BellSouth are fully complied with by the Guest, its employees and agents. The initial application for Guest(s) requires the assessment of an Application Fee. In addition, Guest(s) may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and the Guest and for the provisions of the services and access to unbundled network elements. The Host collocator must indemnify BellSouth and hold BellSouth harmless from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of the collocator's Guests in the Collocation Space.

Cageless: Except where the local building code does not allow cageless collocation, BellSouth allows the collocator to place its equipment and facilities within the BellSouth central office without requiring the construction of a cage or similar structure and without requiring the creation of a separate entrance to the Collocation Space. BellSouth will allow the collocator to have direct access to its equipment and facilities and may require the collocator to use a central entrance to the BellSouth Central office.

Service Descriptions (cont.)

Caged Collocation: (cont.)

Cageless collocation is available in single bay increments. Except where the collocator's equipment requires special technical considerations (e.g., special cable racking, isolated ground plane), BellSouth assigns cageless Collocation Space in conventional equipment rack lineups where feasible. For equipment requiring special technical considerations, the collocator must

provide the equipment layout, including spatial dimensions for such equipment, pursuant to the generic requirements contained in BellCore (Telcordia) GR-63-Core. The collocator will be responsible for constructing all special technical requirements associated with such equipment. The collocator must select a vendor which has been approved as a BellSouth Certified vendor to perform all engineering and installation work required in the Collocation Space.

Adjacent Space: Where space is legitimately exhausted in a particular BellSouth central office, and to the extent that it is technically feasible, a collocator may locate its equipment in an adjacent controlled environmental vault or similar structure (Adjacent Arrangement). Adjacent Arrangements may be constructed or otherwise procured, subject to reasonable safety and maintenance requirements, where the adjacent structure does not interfere with access to existing or planned structures or facilities on the Central office property and where permitted by zoning and other applicable state and local regulations. Rates for Adjacent Arrangements will be negotiated at the time of the request for Adjacent Collocation.

The collocator must arrange with a BellSouth certified contractor to construct or procure an Adjacent Arrangement structure in accordance with BellSouth's guidelines and specifications. BellSouth will provide these guidelines and specifications upon request. Where local building codes require enclosure specifications more stringent than BellSouth's standard specification, the collocator and its contractor must comply with local building code requirements. Further, the collocator must construct, procure, maintain and operate the Adjacent Arrangement(s) pursuant to the terms and conditions set forth in its Collocation Agreement with BellSouth.

The collocator's BellSouth certified contractor will be responsible for filing and receiving any and all necessary zoning, permits and/or licenses for construction of the Adjacent Arrangement. The collocator must provide a concrete pad, the structure housing the arrangement, HVAC, lighting, and all facilities that connect the structure (e.g., racking, conduits) to the BellSouth point of interconnection. At the collocator's option, BellSouth will provide an AC power source and access to physical collocation services and facilities subject to the same nondiscriminatory requirements as applicable to any other physical collocation arrangement.

The collocator's BellSouth Certified contractor must bill the collocator directly for all work performed for the collocator and BellSouth will have no liability for nor responsibility to pay such charges imposed by the Certified vendor. The collocator must provide the local BellSouth building contact with two cards, keys or other access device to enter the locked structure. Except in cases of emergency, BellSouth will not access the collocator's locked enclosure prior to notifying the collocator.

BellSouth maintains the right to review the collocator's plans and specifications prior to construction of an Adjacent Arrangement(s). BellSouth may inspect the Adjacent

Service Descriptions (cont.)

Adjacent Space: (cont.)

Arrangement(s) following construction and prior to commencement to ensure the design and construction comply with BellSouth's guidelines and specifications. BellSouth may require the collocator, at the collocator's sole cost, to correct any deviations from BellSouth's guidelines and specifications found during such inspection(s), up to and including removal of the Adjacent Arrangement, within five (5) business days of BellSouth's inspection, unless the parties mutually agree to an alternative time frame. A collocator may allow other telecommunications carriers to share the collocator's adjacent collocation arrangement pursuant to terms and conditions agreed to by the collocator ("Host") and the other telecommunications carriers ("Guests") and pursuant to this section with the following exceptions: (1) where local building code does not allow Shared (Subleased) Caged Collocation and (2) where the BellSouth central office is located within a leased space and BellSouth is prohibited by said lease from offering such an option. The terms and conditions of the agreement between the Host and its Guest(s) must be written and a copy provided to the collocator's BellSouth contact within ten (10) business days of its execution and prior to any firm order. This agreement must incorporate by reference the rates, terms, and conditions of the Agreement between BellSouth and the Host, whether such Agreement was achieved through separate negotiations or through the adoption of BellSouth's SGAT.

The Host will be the sole interface and responsible party to BellSouth for the purpose of submitting applications for initial and additional equipment placements of Guest(s); for payment of rates and charges contained within its Agreement with BellSouth; and for purposes of ensuring that the safety and security requirements of the its Agreement with BellSouth are fully complied with by the Guest(s), its employees and agents. The initial application for Guest(s) requires the assessment of an Application Fee. In addition, Guest may arrange directly with BellSouth for the provision of the interconnecting facilities between BellSouth and the Guest and for the provisions of the services and access to unbundled network elements. The collocator (Host) will indemnify BellSouth and hold BellSouth harmless from any and all claims, actions, causes of action, of whatever kind or nature arising out of the presence of the collocator's Guests in the Collocation Space.