

BellSouth Telecommunications, Inc. 850 224-7798  
Suite 400 Fax 850 224-5073  
150 South Monroe Street  
Tallahassee, Florida 32301-1556

A. M. Lombardo  
Regulatory Vice President

March 20, 1998

Mrs. Blanca S. Bayo  
Director, Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399

980387-TP

Re: Approval of the Collocation Agreement Negotiated by BellSouth Telecommunications, Inc. ("BellSouth") and Teligent, Inc. pursuant to Section 252(e) of the Telecommunications Act of 1996

Dear Mrs. Bayo:

Pursuant to section 252(e) of the Telecommunications Act of 1996, BellSouth and Teligent, Inc. are submitting to the Florida Public Service Commission their negotiated agreement for collocation.

Pursuant to section 252(e) of the Act, the Commission is charged with approving or rejecting the collocation agreement between BellSouth and Teligent, Inc. within 90 days of its submission. The Commission may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity. Both parties represent that neither of these reasons exist as to the agreement they have negotiated and therefore, are very hopeful that the Commission shall approve their agreement.

Very truly yours,

*A. M. Lombardo*

A. M. Lombardo  
Regulatory Vice President

(4)

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# **Collocation Agreement**

**By and Between**

**BellSouth Telecommunications, Inc.**

**and**

**Teligent, Inc.**

**for the states of**

**Alabama, Florida, Georgia, Kentucky,  
Louisiana, Mississippi, North Carolina,  
South Carolina and Tennessee**

**February 13, 1998**

**BELLSOUTH PHYSICAL COLLOCATION  
MASTER AGREEMENT**

THIS AGREEMENT, pursuant to Section 251 of the Communications Act of 1934, as amended by The Telecommunications Act of 1996, made this 13<sup>th</sup> day of February, 1998, by and between BellSouth Telecommunications, Inc., ("BellSouth") a corporation organized and existing under the laws of the State of Georgia, and Teligent, Inc., ("Interconnector") a (corporation) organized and existing under the laws of Delaware;

**WITNESSETH**

WHEREAS, Interconnector wishes the right to occupy the BellSouth Central Office(s) delineated herein for the purpose of interconnection to BellSouth's facilities;

WHEREAS, BellSouth has space available in its Central Office(s) which Interconnector desires to utilize; and

WHEREAS, BellSouth is willing to make such space available to Interconnector within or on its Central Office(s) subject to all terms and conditions of this Agreement;

NOW, THEREFORE, in consideration of the mutual agreements and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

**I. SCOPE OF AGREEMENT**

A. BellSouth hereby grants to Interconnector a right to occupy that certain enclosed area designated by BellSouth within a BellSouth Central Office and microwave collocation area on the roof of a BellSouth Central Office, of a size and dimension which is specified by Interconnector and agreed to by BellSouth (hereinafter "Collocation Space"). BellSouth will design and construct at Interconnector's expense, a wall or other delineation to establish a clear division between the Collocation Space and other areas of the Central Office dedicated to BellSouth's use.

B. Interconnector shall use the Collocation Space for the purposes of installing, maintaining and operating Interconnector's equipment (to include testing and monitoring equipment) which is used to interconnect with telecommunications services and facilities provided by BellSouth. Pursuant to Article III, following, Interconnector may place Interconnector-owned fiber entrance facilities to the Collocation Space, in which case the arrangement is designated "Expanded Interconnection." Interconnector may also place microwave equipment on BellSouth's rooftop to bring its signal into the collocation space via microwave. Microwave Collocation is governed by the provisions set forth in this Agreement as supplemented by those set forth in Attachment A. Placement of equipment in the Collocation Space

Revised 2/12/98

Original Version 12/3/97

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without the use of Interconnector-owned entrance facilities is designated "Service Interconnection." In addition to, and not in lieu of, interconnection to BellSouth services and facilities, Interconnector may connect to other interconnectors within the designated Central Office. The Collocation Space may be used for no other purposes except as specifically described herein or authorized in writing by BellSouth.

C. Interconnector may not provide or make available space within the Collocation Space to any third party. Any violation of this provision shall be deemed a material breach of this Agreement.

D. Interconnector agrees to pay the rates and charges identified at Exhibit A attached hereto.

E. A Collocation Space will be provided to Interconnector at each Central Office identified at Exhibit B attached hereto, which Exhibit shall be updated from time to time as additional Central Offices are made subject to the terms of this Agreement.

## II. **TERM OF AGREEMENT**

A. **Term.** The term of this Agreement shall be from the date it is signed by both Parties to June 3, 2000.

B. **Commencement Date.** The "Commencement Date" shall be the first day after Interconnector's equipment becomes operational as described in Article II.B, following.

C. **Occupancy.** BellSouth will notify Interconnector that the Collocation Space is ready for occupancy. Interconnector must place operational telecommunications equipment in the Collocation Space and connect with BellSouth's network within one hundred eighty (180) days after receipt of such notice. BellSouth may consent to an extension beyond 180 days upon a demonstration by Interconnector that circumstances beyond its reasonable control prevented Interconnector from completing installation by the prescribed date. If Interconnector fails to place operational telecommunications equipment in the Collocation Space within 180 days and such failure continues for a period of thirty (30) days after receipt of written notice from BellSouth, then and in that event Interconnector's right to occupy the Collocation Space terminates and BellSouth shall have no further obligations to Interconnector with respect to said Collocation Space. Termination of Interconnector's rights to the Collocation Space pursuant to this paragraph shall not operate to release Interconnector from its obligation to reimburse BellSouth for all costs reasonably incurred by BellSouth in preparing the Collocation Space, but rather such obligation shall survive this Agreement. For purposes of this paragraph, Interconnector's telecommunications equipment will be deemed operational when cross-connected to BellSouth's network for the purpose of service provision.

D. **Termination.** Interconnector may terminate occupancy in a particular Collocation Space upon thirty (30) days prior written notice to BellSouth. Upon termination of such occupancy, Interconnector at its expense shall remove its equipment and other property from the Collocation Space. Interconnector shall have thirty (30) days from the termination date to complete such removal; provided, however, that Interconnector shall continue payment of monthly fees to BellSouth until such date as Interconnector has fully vacated the Collocation Space. Should Interconnector fail to vacate the Collocation Space within thirty (30) days



from the termination date, BellSouth shall have the right to remove the equipment and other property of Interconnector at Interconnector's expense and with no liability for damage or injury to Interconnector's property unless caused by the negligence or intentional misconduct of BellSouth.

### III. *USE OF COLLOCATION SPACE*

A. Nature of Use. BellSouth shall permit Interconnector to place, maintain and operate in the Collocation Space any equipment that Interconnector is authorized by BellSouth and by Federal or State regulators to place, maintain and operate in collocation space and that is used by Interconnector to provide services which Interconnector has the legal authority to provide. The equipment must at a minimum comply with the BellCore Network Equipment Building System (NEBS) General Equipment Requirements (TR-NWT-000063) and National Electric Code standards. Interconnector may elect to enclose the Collocation Space. Interconnector shall not use the Collocation Space for marketing purposes. Interconnector shall place no signs or marking of any kind (except for a plaque or other identification affixed to Interconnector's equipment and reasonably necessary to identify Interconnector's equipment, and which shall include a list of emergency contacts with telephone numbers), in the area surrounding the Collocation Space or on the grounds of the Central Office housing the Collocation Space.

B. Entrance Facilities. Interconnector may elect to place Interconnector-owned entrance facilities into the Collocation Space. BellSouth will designate the point of interconnection in proximity to the central office building housing the Collocation Space, such as an entrance manhole or a cable vault. Interconnector will provide and place cable at the point of interconnection of sufficient length to be pulled through conduit and into the splice location. No splicing will be permitted in the entrance manhole. Interconnector will provide a sufficient length of fire retardant riser cable, to which the entrance cable will be spliced, which will extend from the splice location to the Interconnector's equipment in the Collocation Space. Interconnector must contact BellSouth for instructions prior to placing the entrance facility cable in the manhole. Interconnector is responsible for maintenance of the entrance facilities. Dual entrance will be permitted where capacity exists. The interconnection point for entrance facilities extending from a rooftop antenna will be designated by BellSouth on the Application/Inquiry response.

C. Demarcation Point. A point-of-termination bay(s) will designate the point(s) of interconnection between Interconnector's equipment and/or network and BellSouth's network. Each party will be responsible for maintenance and operation of all equipment/facilities on its side of the demarcation point. Interconnector may, at its option, provide its own point-of-termination bay(s) in accordance with BellSouth's guidelines and specifications, which BellSouth will provide upon request.

D. Interconnector's Equipment and Facilities. Interconnector is solely responsible for the design, engineering, testing, performance, monitoring, maintenance, and repair of the equipment and facilities used by Interconnector in the Collocation Space. Without limitation of the foregoing provisions, Interconnector will be responsible for servicing, supplying, repairing, installing and maintaining the following: (1) cable(s); (2) equipment; (3) point-of-termination cross-connects; (4) point of termination maintenance, including replacement fuses and circuit breaker restoration, if not performed by BellSouth; and (5) connection cable(s) and associated equipment which may be required within the Collocation Space to the points of interconnection.

E. Easement Space. From time to time BellSouth may require access to the Collocation Space. BellSouth retains the right to access such space for the purpose of making equipment and building modifications (e.g., running, altering or removing racking, ducts, electrical wiring, HVAC, and cables). BellSouth will give reasonable notice to Interconnector when access to the Collocation Space is required. Interconnector may elect to be present whenever BellSouth performs work in the Collocation Space. The Parties agree that Interconnector will not bear any of the expense associated with this work.

F. Access and Administration. Interconnector shall have access to the Collocation Space twenty-four (24) hours a day, seven (7) days a week. A security escort will be required at Central Offices where separate, secured ingress and egress are not available and access would require Interconnector to traverse restricted areas. All employees, agents and contractors of Interconnector having access to the Collocation Space shall comply with BellSouth's policies and practices pertaining to fire, safety and security, and each such employee, agent or contractor shall display an identification badge issued by Interconnector or certified vendor which contains a current photo, the individual's name and company name/logo. Interconnector agrees to comply with all laws, ordinances and regulations affecting the use of the Collocation Space. Upon expiration of this Agreement, Interconnector shall surrender the Collocation Space to BellSouth in the same condition as when first occupied by the interconnector except for ordinary wear and tear.

G. Interference or Impairment. Notwithstanding any other provisions of this Agreement, equipment and facilities placed in the Collocation Space or on BellSouth's rooftop shall not interfere with or impair service provided by BellSouth or by any other interconnector located in the Central Office; shall not endanger or damage the facilities of BellSouth or of any other interconnector, the Collocation Space, or the Central Office; shall not compromise the privacy of any communications carried in, from, or through the Central Office; and shall not create an unreasonable risk of injury or death to any individual or to the public. If BellSouth reasonably determines that any equipment or facilities of Interconnector violate the provisions of this paragraph, BellSouth shall give written notice to Interconnector, which notice shall direct Interconnector to cure the violation within twenty-four (24) hours or, at a minimum, to commence curative measures within 24 hours and to exercise reasonable diligence to complete such measures as soon as possible thereafter. If Interconnector fails to take curative action within 24 hours or if the violation is of a character which poses an immediate and substantial threat of damage to property, injury or death to any person, or interference/impairment of the services provided by BellSouth, then and only in that event BellSouth may take such action as it deems appropriate to correct the violation, including without limitation the interruption of electrical power to Interconnector's equipment. BellSouth will endeavor, but is not required, to provide notice to Interconnector prior to taking such action and shall have no liability to Interconnector for any damages arising from such action, except to the extent that such action by BellSouth constitutes willful misconduct.

H. Personalty and its Removal. Subject to requirements of this Agreement, Interconnector may place or install in or on the Collocation Space such facilities and equipment as it deems desirable for the conduct of business. Personal property, facilities and equipment placed by Interconnector in the Collocation Space shall not become a part of the Collocation Space, even if nailed, screwed or otherwise fastened to the Collocation Space, but shall retain their status as personalty and may be removed by Interconnector at any time. Any damage caused to the Collocation Space by Interconnector's employees, agents or representatives during the removal of such property shall be promptly repaired by Interconnector at its expense.

I. Alterations. In no case shall Interconnector or any person acting on behalf of Interconnector make any rearrangement, modification, improvement, addition, repair, or other alteration to the Collocation Space or the BellSouth Central Office without the written consent of BellSouth, which consent shall not be unreasonably withheld. The cost of any such specialized alterations shall be paid by Interconnector.

#### **IV. ORDERING AND PREPARATION OF COLLOCATION SPACE**

A. Application for Space. Interconnector shall submit to BellSouth a complete and accurate Application and Inquiry document, together with payment of the Application Fee as stated in Exhibit A. The Application shall contain a detailed description and schematic drawing of the equipment to be placed in Interconnector's Collocation Space(s) and an estimate of the amount of square footage required. BellSouth will respond to Interconnector's Application in writing following the completion of review, planning and design activities. Such response will include estimates on space availability, space preparation costs and space availability dates. In the event BellSouth cannot provide the requested Collocation Space, BellSouth shall refund the Application Fee to Interconnector.

B. Bona Fide Firm Order. Interconnector shall indicate its intent to proceed with equipment installation in a BellSouth Central Office by submitting a Bona Fide Firm Order to BellSouth. A Bona Fide Firm Order requires Interconnector to complete the Application/Inquiry process described in Article IV.A preceding, submit an updated Application document based on the outcome of the Application/Inquiry process, and pay all applicable fees referenced in Article V, following. The Bona Fide Firm Order must be received by BellSouth no later than thirty (30) days after BellSouth's response to Interconnector's Application/Inquiry unless a written extension request has been made by Interconnector and has been accepted by BellSouth. Space preparation for the Collocation Space will not begin until BellSouth receives the Bona Fide Firm Order and all applicable fees.

C. Use of Certified Vendor. Interconnector shall select an equipment installation vendor which has been approved as a BellSouth Certified Vendor to perform all engineering and installation work required in the Collocation Space. BellSouth shall provide Interconnector with a list of Certified Vendors upon request. The Certified Vendor shall be responsible for installing Interconnector's equipment and components, extending power cabling to the BellSouth power distribution frame, performing operational tests after installation is complete, and notifying BellSouth's equipment engineers and Interconnector upon successful completion of installation. The Certified Vendor shall bill Interconnector directly for all work performed for Interconnector pursuant to this Agreement and BellSouth shall have no liability for nor responsibility to pay such charges imposed by the Certified Vendor.

D. Alarm and monitoring. BellSouth shall place environmental alarms in the Central Office for the protection of BellSouth equipment and facilities. Interconnector shall be responsible for placement, monitoring and removal of environmental and equipment alarms used to service the Collocation Space. Upon request, BellSouth will provide Interconnector with applicable tariffed service(s) to facilitate remote monitoring of collocated equipment by Interconnector.

E. Basic Telephone Service. Upon request of Interconnector, BellSouth will provide basic telephone service to the Collocation Space under the rates, terms and conditions of the current tariff offering for the service requested.



F. Space Preparation. BellSouth shall pro rate the costs of any renovation or upgrade to Central Office space or support mechanisms which is required to accommodate physical collocation. Interconnector's pro rated share will be calculated by multiplying such cost by a percentage equal to the amount of square footage occupied by Interconnector divided by the total Central Office square footage receiving renovation or upgrade. For this section, support mechanisms provided by BellSouth may include, but not be limited to heating/ventilation/air conditioning (HVAC) equipment, HVAC duct work, cable support structure, fire wall(s), mechanical upgrade, asbestos abatement, ground plane addition, or separate ingress/egress construction. Such renovation or upgrade will be evaluated and the charges assessed on a per Central Office basis. BellSouth will make reasonable efforts to provide for occupancy of the Collocation Space on the negotiated date and will advise Interconnector of delays. Interconnector agrees BellSouth shall not be liable to Interconnector for delays in providing possession of the Collocation Space.

G. Space Enclosure. Upon request of Interconnector, BellSouth shall construct an equipment arrangement enclosure of a size and dimension jointly agreed upon by the Parties. Interconnector may request enclosed floor space in increments of one hundred (100) square feet, with a minimum of one hundred (100) square feet. Interconnector may, at its option, arrange with a BellSouth certified contractor to construct the space enclosure in accordance with BellSouth's guidelines and specifications. Such contractor shall directly bill Interconnector for activities associated with the space enclosure construction.

H. Cancellation. If Interconnector cancels its order for the Collocation Space(s), Interconnector will reimburse BellSouth for any expenses incurred up to the date that written notice of the cancellation is received. In no event will the level of reimbursement under this paragraph exceed the maximum amount Interconnector would have otherwise paid for work undertaken by BellSouth if no cancellation of the order had occurred.

V. **RATES AND CHARGES**

Interconnector shall pay for Collocation Space(s) according to the rates contained in Exhibit A attached hereto and pursuant to the following:

A. Non-recurring Fees. In addition to the Application Fee referenced in Article IV preceding, Interconnector shall remit payment of a Cable Installation Fee, Space Construction Fee, as applicable, and one-half (1/2) of the estimated Space Preparation Fee coincident with submission of a Bona Fide Firm Order. The outstanding balance of the actual Space Preparation Fee shall be due thirty (30) days following Interconnector's receipt of a bill or invoice from BellSouth. BellSouth shall provide documentation to establish the actual Space Preparation Fee. Cable Installation Fee(s) are assessed per entrance fiber placed. No Cable Installation Fee is required for Service Interconnection. The Space Preparation Fee will be pro rated as prescribed in Article IV.F preceding. The Space Enclosure Construction Fee will be assessed for the materials and installation cost of the equipment enclosure. BellSouth's engineering and other labor time associated with establishing the Physical Collocation Arrangement will be assessed as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. An estimate of the Additional Engineering charges will be provided by BellSouth to Interconnector in the Application Response.

B. Floor Space. The floor space charge includes charges for lighting, heat, air conditioning, ventilation and other allocated expenses associated with maintenance of the Central Office but does not include amperage necessary to power Interconnector's equipment. When the Collocation Space is enclosed by walls or other divider, Interconnector shall pay floor space charges based upon the number of square feet so enclosed. When the Collocation Space is not enclosed, Interconnector shall pay floor space charges based upon the number of square feet contained in a shadow print of Interconnector's equipment racks and POT bay, plus a factor of 2.50 multiplied by the shadow print, which represents Interconnector's share of wiring and provisioning aisle space for provisioning and maintenance activities. Floor space charges are due beginning with the date on which BellSouth releases the Collocation Space for occupancy or on the date Interconnector first occupies the Collocation Space, whichever is sooner.

C. Power. Charges for -48V DC power will be assessed per ampere per month based upon the certified vendor engineered and installed power feed fused ampere capacity. Rates include redundant feeder fuse positions (A&B) and cable rack to Interconnector's equipment or space enclosure. Fuses and power feed cables (A&B) must be engineered (sized), furnished and installed by Interconnector's certified vendor. The Interconnector's certified vendor must also provide a copy of the engineering power specification prior to the Commencement Date. In the event BellSouth shall be required to construct additional DC power plant or upgrade the existing DC power plant in a central office as a result of Interconnector's request to collocate in that central office ("Power Plant Construction"), Interconnector shall pay all costs associated with the Power Plant Construction. The determination of whether Power Plant Construction is necessary shall be within BellSouth's sole, but reasonable, discretion. BellSouth will notify Interconnector of the need for the Power Plant Construction and will estimate the costs associated with the Power Plant Construction if BellSouth were to perform the Power Plant Construction. Interconnector shall pay BellSouth one-half of the estimated Power Plant Construction costs prior to commencement of the work. Interconnector shall pay BellSouth the balance due (actual cost less one-half of the estimated cost) within thirty (30) days of completion of the Power Plant Construction. Interconnector has the option to perform the Power Plant Construction itself; provided, however, that such work shall be performed by a BellSouth certified contractor and such contractor shall comply with BellSouth's guidelines and specifications. Where the Power Plant Construction results in construction of a new power plant room, upon termination of this Agreement Interconnector shall have the right to remove its equipment from the power plant room, but shall otherwise leave the room intact. Where the Power Plant Construction results in an upgrade to BellSouth's existing power plant, upon termination of this Agreement, such upgrades shall become the property of BellSouth.

D. Security Escort. A security escort will be required whenever Interconnector or its approved agent desires access to the entrance manhole or must traverse a restricted area within BellSouth's central office. Rates for a BellSouth security escort are assessed in one-half (1/2) hour increments according to the schedule appended hereto as Exhibit A.

E. Other. Payment of all other charges under this Agreement shall be due thirty (30) days after receipt of the bill (payment due date). Interconnector will pay a late payment charge of one and one-half percent (1-1/2%) assessed monthly on any balance which remains unpaid after the payment due date.

## VI. INSURANCE

A. Interconnector shall, at its sole cost and expense, procure, maintain, and keep in force insurance as specified in this Article VI and underwritten by insurance companies licensed to do business in the states contained in Exhibit B attached hereto and having a BEST Insurance Rating of B ++ X (B ++ ten).

B. Interconnector shall maintain the following specific coverages:

1. Commercial General Liability coverage in the amount of ten million dollars (\$10,000,000.00) or a combination of Commercial General Liability and Excess/Umbrella coverage totaling not less than ten million dollars (\$10,000,000.00). BellSouth shall be named as an ADDITIONAL INSURED on ALL applicable policies as specified herein.

2. Statutory Workers Compensation coverage and Employers Liability coverage in the amount of one hundred thousand dollars (\$100,000.00) each accident, one hundred thousand dollars (\$100,000.00) each employee by disease, and five hundred thousand dollars (\$500,000.00) policy limit by disease.

3. Interconnector may elect to purchase business interruption and contingent business interruption insurance, having been advised that BellSouth assumes no liability for loss of profit or revenues should an interruption of service occur.

C. The limits set forth in Article VI.B above may be increased by BellSouth from time to time during the term of this Agreement upon thirty (30) days notice to Interconnector to at least such minimum limits as shall then be customary with respect to comparable occupancy of BellSouth structures.

D. All policies purchased by Interconnector shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by BellSouth. All insurance must be in effect on or before the date equipment is delivered to BellSouth's Central Office and shall remain in effect for the term of this Agreement or until all Interconnector's property has been removed from BellSouth's Central Office, whichever period is longer. If Interconnector fails to maintain required coverages, BellSouth may pay the premiums thereon and seek reimbursement of same from Interconnector.

E. Interconnector shall submit certificates of insurance reflecting the coverages required pursuant to this Section a minimum of ten (10) days prior to the commencement of any work in the Collocation Space. Failure to meet this interval may result in construction and equipment installation delays. Interconnector shall arrange for BellSouth to receive thirty (30) days advance notice of cancellation from Interconnector's insurance company. Interconnector shall forward a certificate of insurance and notice of cancellation to BellSouth at the following address:

BellSouth Telecommunications, Inc.  
Attn.: Risk Management Coordinator  
3535 Colonnade Parkway, S9A1  
Birmingham, Alabama 35243



F. Interconnector must conform to recommendations made by BellSouth's fire insurance company to the extent BellSouth has agreed to, or shall hereafter agree to, such recommendations.

G. Failure to comply with the provisions of this Section will be deemed a material breach of this Agreement.

#### **VII. MECHANICS LIENS**

If any mechanics lien or other liens shall be filed against property of BellSouth, or any improvement thereon by reason of or arising out of any labor or materials furnished or alleged to have been furnished or to be furnished to or for Interconnector or by reason of any changes, or additions to BellSouth property made at the request or under the direction of the Interconnector, Interconnector shall, within thirty (30) days after receipt of written notice from BellSouth either pay such lien or cause the same to be bonded off BellSouth's property in the manner provided by law. Interconnector shall also defend on behalf of BellSouth, at Interconnector's sole cost and expense, any action, suit or proceeding which may be brought for the enforcement of such liens and Interconnector shall pay any damage and discharge any judgment entered thereon.

#### **VIII. INSPECTIONS**

BellSouth shall conduct an inspection of Interconnector's equipment and facilities in the Collocation Space(s) prior to the activation of facilities between Interconnector's equipment and equipment of BellSouth. BellSouth may conduct an inspection if Interconnector adds equipment and may otherwise conduct routine inspections at reasonable intervals mutually agreed upon by the Parties. BellSouth shall provide Interconnector with a minimum of forty-eight (48) hours or two (2) business days, whichever is greater, advance notice of all such inspections.

#### **IX. SECURITY**

Only BellSouth employees, BellSouth certified vendors and authorized employees or agents of Interconnector will be permitted in the BellSouth Central Office. Interconnector shall provide its employees and agents with picture identification which must be worn and visible at all times while in the Collocation Space or other areas in or around the Central Office. BellSouth may refuse entry to any person who fails to display the identification required by this section.

**X. INDEMNITY / LIMITATION OF LIABILITY**

A. Interconnector shall be liable for any damage to property, equipment or facilities or injury to person caused by the activities of Interconnector, its agents or employees pursuant to, or in furtherance of, rights granted under this Agreement. Interconnector shall indemnify and hold BellSouth harmless from and against any judgments, fees, costs or other expenses resulting or claimed to result from such activities by Interconnector, its agents or employees.

B. BellSouth shall not be liable to Interconnector for any interruption of Interconnector's service or for interference with the operation of Interconnector's communications facilities, or for any special, indirect, incidental or consequential damages arising in any manner, including BellSouth's negligence, out of the use of the Collocation Space(s) and Interconnector shall indemnify, defend and hold BellSouth harmless from and against any and all claims, demands, causes of action, costs and reasonable attorneys' fees with respect to such special, indirect, incidental or consequential damages. Notwithstanding the foregoing, BellSouth's liability is not limited for willful or intentional misconduct or gross negligence except for any lost profit.

**XI. PUBLICITY**

Interconnector agrees to submit to BellSouth all advertising, sales promotion, press releases, and other publicity matters relating to this Agreement or mentioning or implying the tradenames, logos, trademarks or service marks (hereinafter "Marks") of BellSouth Corporation and/or any of its affiliated companies or language from which the connection of said Marks therewith may be inferred or implied, or mentioning or implying the names of any personnel of BellSouth Corporation and/or any of its affiliated companies, and Interconnector further agrees not to publish or use such advertising, sales promotions, press releases, or publicity matters without BellSouth's prior written consent unless mutually agreed to by the Parties. Notwithstanding the foregoing, Interconnector may issue press releases which indicate that it has reached a collocation agreement with BellSouth which includes provisions governing microwave interconnection without BellSouth's written consent provided that the press releases do not indicate any terms, conditions or rates in the agreement between the Parties.

## **XII. DESTRUCTION OF COLLOCATION SPACE**

In the event a Collocation Space is wholly or partially damaged by fire, windstorm, tornado, flood or by similar causes to such an extent as to be rendered wholly unsuitable for Interconnector's permitted use hereunder, then either party may elect within ten (10) days after such damage, to terminate this Agreement, and if either party shall so elect, by giving the other written notice of termination, both parties shall stand released of and from further liability under the terms hereof. If the Collocation Space shall suffer only minor damage and shall not be rendered wholly unsuitable for Interconnector's permitted use, or is damaged and the option to terminate is not exercised by either party, BellSouth covenants and agrees to proceed promptly without expense to Interconnector, except for improvements not the property of BellSouth, to repair the damage. BellSouth shall have a reasonable time within which to rebuild or make any repairs, and such rebuilding and repairing shall be subject to delays caused by storms, shortages of labor and materials, government regulations, strikes, walkouts, and causes beyond the control of BellSouth, which causes shall not be construed as limiting factors, but as exemplary only. Where allowed and where practical in the sole judgment of BellSouth, Interconnector may erect a temporary facility while BellSouth rebuilds or makes repairs. In all cases where the Collocation Space shall be rebuilt or repaired, Interconnector shall be entitled to an equitable abatement of rent and other charges, depending upon the unsuitability of the Collocation Space for Interconnector's permitted use, until such Collocation Space is fully repaired and restored and Interconnector's equipment installed therein (but in no event later than thirty (30) days after the Collocation Space is fully repaired and restored).

## **XIII. EMINENT DOMAIN**

If the whole of a Collocation Space shall be taken by any public authority under the power of eminent domain, then this Agreement shall terminate as of the day possession shall be taken by such public authority and rent and other charges for the Collocation Space shall be paid up to that day with proportionate refund by BellSouth of such rent and charges as may have been paid in advance for a period subsequent to the date of the taking. If any part of the Collocation Space shall be taken under eminent domain, BellSouth and Interconnector shall each have the right to terminate this Agreement and declare the same null and void, by written notice of such intention to the other party within ten (10) days after such taking.

## **XIV. FORCE MAJEURE**

Neither party shall be in default by reason of any failure in performance of this Agreement, in accordance with its terms and conditions, if such failure arises out of causes beyond the control of the nonperforming party including, but not restricted to, acts of God, acts of government, insurrections, fires, floods, accidents, epidemics, quarantines, restrictions, strikes, freight embargoes, inability to secure raw materials or transportation facilities, acts or omissions of carriers or any and all other causes beyond the party's control.

**XV. ASSIGNMENT**

Interconnector acknowledges that this Agreement does not convey any right, title or interest in the Central Office to Interconnector. Interconnector may not sublet its rights under this Agreement, nor shall it allow a third party to use or occupy the Collocation Space at any time or from time to time without the prior written consent, and at the sole discretion, of BellSouth. This Agreement is not assignable by either party without the prior written consent of the other party, and any attempt to assign any of the rights, duties or obligations of this Agreement without such consent is void. Notwithstanding the foregoing, either party may assign any rights, duties or obligations of this Agreement to a parent, subsidiary or affiliate without the consent of the other party.

**XVI. NONEXCLUSIVITY**

Interconnector understands that this Agreement is not exclusive and that BellSouth may enter into similar agreements with other parties. Assignment of space pursuant to all such agreements shall be determined by space availability and made on a first come, first served basis.

**XVII. NO IMPLIED WAIVER**

No consent or waiver by either party to or of any breach of any covenant, term, condition, provision or duty of the other party under this Agreement shall be construed as a consent to or waiver of any other breach of the same or any other covenant, term, condition, provision or duty. No such consent or waiver shall be valid unless in writing and signed by the party granting such consent or waiver.

**XVIII. NOTICES**

Except as otherwise provided herein, any notices or demands that are required by law or under the terms of this Agreement shall be given or made by Interconnector or BellSouth in writing and shall be given by hand delivery, or by certified or registered mail, and addressed to the parties as follows:

To BellSouth:

BellSouth Telecommunications, Inc.  
3535 Colonnade Parkway  
Room E4E1  
Birmingham, AL 35243

ATTN: Collocation Acct. Team Coordinator

To Interconnector:

Teligent, Inc.  
8065 Leesburg Pike  
Vienna, VA 22182

ATTN: Terri B. Natoli, Esq.  
(703) 762-5183 (ph.); (703) 762-5471 (fax)

Such notices shall be deemed to have been given in the case of certified or registered mail when deposited in the United States mail with postage prepaid.

Revised 2/12/98

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Original Version 12/3/97



**XIX. RESOLUTION OF DISPUTES**

Except as otherwise stated in this Agreement, the Parties agree that if any dispute arises as to the interpretation of any provision of this Agreement or as to the proper implementation of this Agreement, the parties will petition the Commission in the state where the services are provided pursuant to this Agreement for a resolution of the dispute. However, each party reserves any rights it may have to seek judicial review of any ruling made by the Public Service Commission concerning this Agreement.

**XX. SECTION HEADINGS**

The section headings used herein are for convenience only, and shall not be deemed to constitute integral provisions of this Agreement.

**XXI. AUTHORITY**

Each of the parties hereto warrants to the other that the person or persons executing this Agreement on behalf of such party has the full right, power and authority to enter into and execute this Agreement on such party's behalf and that no consent from any other person or entity is required as a condition precedent to the legal effect of this Agreement.

**XXII. REVIEW OF AGREEMENT**

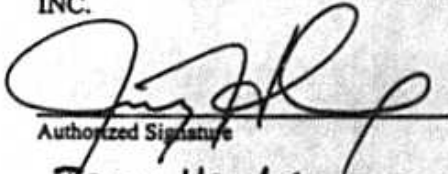
The parties acknowledge that each has had an opportunity to review and negotiate this Agreement and has executed this Agreement only after such review and negotiation. The Parties further agree that this Agreement shall be deemed to have been drafted by both BellSouth and Interconnector and the terms and conditions contained herein shall not be construed any more strictly against one party or the other.

**XXIII. ENTIRE AGREEMENT**

This Agreement contains the full understanding of the Parties (superseding all prior or contemporaneous correspondence between the Parties) and shall constitute the entire agreement between BellSouth and Interconnector and may not be modified or amended other than by a written instrument signed by both parties. If any conflict arises between the terms and conditions contained in this Agreement and those contained in a filed tariff, the terms and conditions of this Agreement shall control.

IN WITNESS WHEREOF, the Parties have executed this Agreement by their duly authorized representatives in one or more counterparts, each of which shall constitute an original, on the day and year first above written.

BELLSOUTH TELECOMMUNICATIONS,  
INC.



Authorized Signature

Jerry Hendrix

Print or Type Name

Director - Interconnection Svcs.

Title

2/13/98

Date

TELIGENT, INC.



Authorized Signature

David Turetsky

Print or Type Name

Vice President Law and Regulatory

Title

Feb. 12, 1998

Date

## Schedule of Rates and Charges

<u>Rate Element Description</u>	<u>Type of Charge</u>	<u>Charge</u>
Application Fee	NRC (per Arrangement, per C.O.)	\$3,850.00
Subsequent Application Fee (Note 1)	NRC (per Arrangement, per C.O.)	\$1,600.00
Space Preparation Fee (Note 2)	NRC (per Arrangement, per C.O.)	ICB
Space Enclosure Construction Fee (Note 2)	NRC (per 100 square feet)	\$4,500.00
Additional Engineering Fee (Note 3)	NRC	ICB
Cable Installation	NRC (per entrance cable)	\$2,750.00
Floor Space		
Zone A	RC (per square foot)	\$7.50
Zone P	RC (per square foot)	\$6.75
Power	RC (per amp)	\$5.00
Cable Support structure	RC (per entrance cable)	\$13.35
Cross-Connects		
2-wire	RC (per cross-connect)	\$0.30
4-wire	RC (per cross-connect)	\$0.50
DS1	RC (per cross-connect)	\$8.00
DS3	RC (per cross-connect)	\$72.00
2-wire	NRC (first cross-connect)	\$19.20
4-wire	NRC (first cross-connect)	\$19.20
DS1	NRC (first cross-connect)	\$155.00
DS3	NRC (first cross-connect)	\$155.00
2-wire	NRC (each additional cross-connect)	\$19.20
4-wire	NRC (each additional cross-connect)	\$19.20
DS1	NRC (each additional cross-connect)	\$27.00
DS3	NRC (each additional cross-connect)	\$27.00
POT Bay		
2-wire	RC (per cross-connect)	\$0.40
4-wire	RC (per cross-connect)	\$1.20
DS1	RC (per cross-connect)	\$1.20
DS3	RC (per cross-connect)	\$8.00
Additional Security Access Cards	NRC-ICB (each)	\$10.00

## EXHIBIT A

Page 2 of 3

## Schedule of Rates and Charges (cont.)

<u>Rate Element Description</u>	<u>Type of Charge</u>	<u>Charge</u>
Direct Connection (Note 4)		
(1) Fiber Arrangement	RC (per cable, per linear foot)	\$0.06
-with Initial Application	NRC (per Arrangement)	n/a
-Subsequent to Application	NRC (per Arrangement)	\$246.00
(2) Copper or Coaxial Arrangement	RC (per cable, per linear foot)	\$0.03
-with Initial Application	NRC (per Arrangement)	n/a
-Subsequent to Application	NRC (per Arrangement)	\$246.00
Security Escort		
Basic - first half hour	NRC-ICB	\$41.00
Overtime - first half hour	NRC-ICB	\$48.00
Premium - first half hour	NRC-ICB	\$55.00
Basic - additional half hour	NRC-ICB	\$25.00
Overtime - additional half hour	NRC-ICB	\$30.00
Premium - additional half hour	NRC-ICB	\$35.00

Notes

NRC: Non-recurring Charge - one-time charge  
 RC: Recurring Charge - charged monthly  
 ICB: Individual Case Basis - one-time charge

- (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 (e.g., additional space or power requirements, BST termination/cross-connect equipment, etc.), BellSouth will assess the Subsequent Application Fee in lieu of the Application Fee.
- (2) Space Preparation Fee. The Space Preparation Fee is a one-time fee, assessed per arrangement, per location. It recovers costs associated with the shared physical collocation area within a central office, which include survey, engineering, design and building modification costs. BellSouth will pro rate the total shared space preparation costs among the collocators at each location based on the amount of square footage occupied by each collocator. This charge may vary depending on the location and the type of arrangement requested.



**Schedule of Rates and Charges (cont.)**

**Notes (cont.)**

(2) (cont.)

**Space Enclosure Construction Fee.** The Space Enclosure Construction Fee is a one-time fee, assessed per enclosure, per location. It recovers costs associated with providing an optional equipment arrangement enclosure, which include architectural and engineering fees, materials, and installation costs. This fee is assessed in 100 square-foot increments, with a minimum space enclosure size of 100 square feet. Interconnector 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 Interconnector for the space enclosure, and this fee shall not be applicable.

(3) **Additional Engineering Fee.** BellSouth's engineering and other labor costs associated with establishing the physical Collocation Arrangement shall be recovered as Additional Engineering charges, under provisions in BellSouth's F.C.C. Number 1 Tariff, Sections 13.1 and 13.2. An estimate of the Additional Engineering charges shall be provided by BellSouth in the Application Response.

(4) **Direct Connection.** As stated in Article I.B of the Collocation Agreement, Interconnector may connect to other interconnectors within the designated Central Office in addition to, and not in lieu of, interconnection to BellSouth services and facilities. Interconnector must use its Certified Vendor to place the direct connection. The Direct Connection NRC is assessed when direct connection is the only work requested by Interconnector. If any other work in addition to the direct connection is being requested, whether for an initial installation of a Collocation Space or for an augmentation to an existing Collocation Space, an Application Fee or a Subsequent Application Fee will be assessed in lieu of the Direct Connection NRC. Construction charges may also apply; BellSouth shall provide an estimate of these charges in the Application Response.

## Bona Fide Physical Collocation Arrangements

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

Central Office Name:  
Central Office CLLI Code:  
City:  
State:  
Date of Bona Fide Firm Order:

## MICROWAVE COLLOCATION

Where technically feasible, BellSouth will provide for physical collocation of TELIGENT's microwave equipment on the roofs of BellSouth's Central Office Buildings. Such equipment will be limited to that necessary for interconnection of TELIGENT's network facilities to BellSouth's network or access to BellSouth's unbundled network elements.

Microwave Collocation includes placement of supporting masts, non-penetrating roof mounts ("NPRM"), penetrating pipe stands, parapet mounts, and microwave antenna(e) on the roof top or other suitable exterior spaces of BellSouth's Central Offices and does not include the construction of towers. The Parties will work together to determine the preferable type of antenna mount reasonably considering such factors as permitting requirements, roof maintenance issues and any other relevant factors. BellSouth shall have final approval of the type of antenna mount. The Parties agree that the elements listed below reflect requirements for Microwave Collocation, which shall be provided in accordance with the rates, terms and conditions set forth below. The Parties acknowledge that Microwave Collocation requires unobstructed line-of-sight. Unobstructed line-of-sight will be provided by BellSouth where technically feasible but is not guaranteed to be available. Teligent accepts the responsibility of determining unobstructed line-of-sight at any location where Teligent's applies for Microwave Collocation.

### 1. PROVISIONING PROCESS AND FEES

#### A. Initial Site Visit

TELIGENT will provide a Site Visit Request to BellSouth, in writing, setting forth the names of the BellSouth Central Office Buildings(s) TELIGENT wishes to visit for potential Microwave Collocation. Such site visit consists of TELIGENT representatives and appropriate BellSouth personnel visiting a BellSouth Central Office building for the purpose of determining whether an unobstructed line-of-sight is technically feasible. Teligent will be responsible for making an unobstructed line-of-sight determination. Such Site Visit does not obligate TELIGENT to request, or BellSouth to provide, Microwave Collocation on the site. The site visit will take place within fifteen (15) business days of receipt by BellSouth of TELIGENT's Site Visit Request or as soon thereafter as can be scheduled by the Parties.

TELIGENT will submit a Site Visit Request fee of \$250.00 and will pay for the reasonable cost BellSouth incurs for travel, if necessary, for each site requested with each Site Visit not to exceed two hours. Charges for site visits that take longer than two (2) hours will be charged by BellSouth to TELIGENT at BellSouth's loaded labor rates on a per hour basis in addition to the \$250.00 fee. BellSouth will make every effort possible to use resources near the requested location to minimize travel required. If BellSouth determines that airline travel is required, BellSouth will contact Teligent in an effort to discuss possible alternatives.

B. Microwave Collocation Application

This provision shall coincide with provision IV.A of the collocation agreement.

BellSouth will respond to a single Microwave Collocation Application within 30 business days of receipt by BellSouth. Multiple applications are defined as any application that is received within fifteen (15) business days of receipt by BellSouth of a previous application. Timeframes for the response to multiple applications will be negotiated by the Parties.

TELIGENT shall submit the Application and Inquiry document and appropriate collocation application fee pursuant to BellSouth's FCC #1, Section 20 tariff (for virtual) or Section IV.A of this Agreement, in addition to a Microwave Collocation Attachment for each central office building where TELIGENT seeks Microwave Collocation. This application and fees will apply both to space on the roof as well as space inside the BellSouth central office.

TELIGENT shall provide BellSouth with the following data on the application to the extent available recognizing that certain information may change depending on the final determination of the location providing line of sight:

- Type of antenna mount (pipe, NPRM)
- Type of equipment to be collocated within Teligent's case (vendor, capacity)
- Line of sight requirements (Azimuth)
- Relevant information includes: Station Name, Call Sign, Latitude, Longitude, Primary Antenna Type, Equipment Type, Equipment Emission, Power (dBm/Watts), Receive Level (dBm), EIRP (dBm/Watts), Transmit Frequency (MHz)
- WEIGHT AND CONFIGURATION
- Other relevant information as identified at the INITIAL site visit.

Roof Inspection: BellSouth may require a roof inspection at any site where Teligent requests Microwave Collocation. Teligent will bear the reasonable cost of the inspection including reasonable travel cost if any. BellSouth intends to use an independent contractor which may be accompanied by BellSouth personnel. The roof inspection fee shall be assessed on an individual case basis unless negotiated as a flat rate by the Parties. Such Roof Inspection does not obligate BellSouth to provide Microwave Collocation on the site.

If BellSouth concludes that rooftop/exterior space which provides TELIGENT with unobstructed line-of-sight does not appear to be technically feasible, BellSouth will provide TELIGENT a written explanation of such technical infeasibility within thirty (30) business days of BellSouth's receipt of the collocation application including those cases where BellSouth's known business plans provide for or include an addition to the building which would impact the line of sight. This explanation will be included in the response to Teligent's application.

Escorted access to the roof will be provided as necessary by BellSouth, at TELIGENT's expense. Charges for escorted access to the roof are listed in Exhibit A.



BellSouth or its designated subcontractors shall perform all necessary work associated with the Microwave Collocation arrangement involving power and building modifications unless otherwise agreed to by the Parties. All work performed shall be done by a BellSouth certified vendor as referenced in provision IV.C in the collocation agreement unless the Parties agree that another certified vendor will be used. The Parties acknowledge that Teligent may become a certified vendor.

If rooftop/exterior space is available BellSouth shall provide Teligent an estimate for such microwave collocation as described more fully in provision 1.C at the same time BellSouth provides its interior collocation space quote.

C. Preparation of Estimate / Application Response

Within thirty (30) business days of receiving from TELGENT a single complete and accurate Application and Inquiry document, Bellsouth will provide, as more fully described below, an estimate including an estimate for the Monthly Recurring Charges pursuant to the rates and terms set forth in this Agreement in Exhibits A and C.

The estimate shall reflect the specifications submitted by TELGENT and may change based on the actual field conditions encountered during construction. All Bellsouth estimates shall be based up on the most cost-effective and practical method of accomplishing the tasks attendant to the proposed interconnection and collocation.

(2) Estimate:

(a) The Estimate /Application Response shall set forth separate estimated charges for the following work related to the installation of the Microwave Antenna Arrangement.

(i) Architectural Plan and Structural Review:

This shall be the reasonable sum of hourly charges of Bellsouth Architects or its contractors necessary to review the plans for the Microwave Collocation Arrangement. This will include applicable consulting charges and fees for reviewing permitting material and/or assisting Teligent in the permitting process to the extent required.

(ii) Permitting Review:

This shall be the sum of the hourly charges of Bellsouth Property and Services Management and/or Project Managers whose time was reasonably necessary and actually spent reviewing permitting material and/or assisting TELGENT in the permitting process. Bellsouth shall have final approval authority on all proposed conditions, (which shall not be unreasonably withheld) imposed by relevant jurisdictions and Bellsouth shall have the right to be represented at all hearings in connection with governmental approvals.

(iii) Exterior (and Related Interior) Building Modification Work:

Bellsouth will include a quote for Bellsouth to perform coring within the Central Office, roof strengthening or any other exterior or related interior building modification that may be required.

(iv) Supervision of General Contract:

This shall be the reasonable sum of the hourly charges, if necessary, of any Bellsouth Property and Services Management personnel, Consultants, or Project Managers who monitor the Microwave Antenna Support Structure installation performed by TELGENT's contractor. The level of Bellsouth's personnel or consultants shall be commensurate with the requirements for supervising the project and monitoring construction.

(v) Special Security Construction:

If BellSouth demonstrates that new secure access to the Microwave Collocation location is reasonably necessary, the costs associated with the construction of such access shall be described on a separate schedule to be provided by BellSouth to Teligent.

(b) Recurring Charges

These consist of:

(i) Monthly Recurring Roof-Top Space Rental Fee:

The Monthly Recurring Roof-Top Space Rental Fee shall be on a per square foot basis with a minimum of 12 square feet per microwave arrangement as set forth in this Attachment in Exhibit D. TELIGENT is limited to the placement of two microwave antenna (e) within its space, each with a limit of 30 inches in diameter and a height limitation of 20 feet above the building or point of attachment, subject to line-of-sight and structural engineering guidelines. Teligent agrees that the height of the structure will be no greater than the minimum required to accommodate line of sight requirements. At no time shall an antenna (e) be directed across open roof space without approval of BellSouth which shall not be unreasonably withheld. Requests for larger or additional equipment, including antenna (e) will be handled on an individual case basis (ICB).

If BellSouth is required to do space preparation for the rooftop space, the start date for payment of the Rooftop Space Rental Fee shall be the date the space is made available to TELIGENT to begin microwave equipment installation. When BellSouth does not have to perform space preparation, the billing for rooftop space rental will start when the construction of the collocation space inside of the Central Office has been completed. BellSouth will work with Teligent to avoid unreasonable time differences between the completion of rooftop space preparation and interior collocation space construction.

(ii) Escorted Access:

Where necessary, BellSouth will provide escorted access to space on the roof based on the hourly rates set forth in Exhibit A.

All estimates shall be valid for thirty (30) days from issuance, and TELIGENT shall accept, reject or request changes within such time period, unless an extension is requested in writing by Teligent and agreed to by BellSouth. Such extension will not exceed thirty (30) days. To accept an estimate, TELIGENT shall so state in writing and shall pay BellSouth 50% of the total estimated charges ("Initial Payment") with the balance of the actual charges due upon completion of the Microwave Collocation area and any necessary supporting electrical or building modification work. Payment requirements will be commensurate with provision V.A of the collocation agreement.

**D. Pre-Design Meeting**

Within ten (10) business days or as soon thereafter as can be scheduled by the Parties of receipt by BellSouth of Teligent's complete and accurate Firm Order, BellSouth and Teligent will have a Pre-Design meeting. This will be the same meeting that takes place for the interior collocation arrangement.

**E. Equipment and Testing:**

TELIGENT shall be responsible for providing, at its sole expense, the antenna (e), coaxial cable, brackets, connectors, support structure and weather-proofing materials for such support structure or antenna (e) required for the Microwave Collocation. TELIGENT shall also be solely responsible for final adjustments (e.g., pointing) of the antenna (e).

**F. Use Permits:**

TELIGENT shall be responsible for obtaining all relevant Use Permits (Ups) and shall bear all costs and fees. TELIGENT shall regularly apprise BellSouth of the status of such permitting and consult with BellSouth as reasonably necessary.

**2. NO PROPERTY RIGHT CONFERRED**

Notwithstanding anything contained herein to the contrary, Microwave Collocation shall not confer or be deemed to confer any property interest or right in BellSouth's property, and TELIGENT hereby acknowledges that the rights conferred hereunder shall constitute merely a non-exclusive license to use a portion of BellSouth's property solely for the purposes set forth herein. A limit of two (2) TELIGENT Microwave Collocation arrangements per Central Office will be permitted unless otherwise agreed to by the Parties.

Title to Teligent's Microwave Collocation equipment shall remain in Teligent as the property of TELIGENT and shall not become fixtures to BellSouth's property.



### 3. RESPONSIBILITY OF THE PARTIES

- A. TELIGENT shall obtain any and all applicable and necessary permits, variances, licenses, approvals and authorizations from the governmental agencies with jurisdiction, including without limitation, use permits and buildings permits. FCC licenses and FAA approval, if required, to operate and maintain TELIGENT's facilities during the Term of this Agreement.
- B. TELIGENT shall not use BellSouth's property or permit TELIGENT's agents or contractors to do anything in or about the Central Office (s) in conflict with any applicable law affecting the condition, use or occupancy of the property or the installation, operation or maintenance of TELIGENT's Microwave Collocation equipment. TELIGENT shall not commit any public or private nuisance or any other act or practice which might or would materially disturb the quiet enjoyment of any occupant of nearby properties.
- C. Where BellSouth performs any of the work pursuant to the quotes set forth in 1.D.(2)(a), BellSouth shall select the architect, engineers, surveyors, contractors, suppliers, consultants and subcontractors which may be necessary to develop plans, furnish materials and equipment, and perform construction work. BellSouth shall manage all such work in accordance with the plans and specifications approved by the Parties, all applicable laws, codes and regulations, and shall require that all contractors perform their work in a good workmanlike manner. BellSouth shall require that all BellSouth Contractors include TELIGENT as an additional insured to any policies of insurance maintained by the Contractor for purposes of the Work, and shall indemnify TELIGENT from losses, costs and expenses incurred as a result of contractor's work. TELIGENT hereby acknowledges and agrees that BellSouth shall not be liable for the work performed, material, supplies, or work products furnished by any contractor, and that TELIGENT shall look solely to the contractor and any warranties, indemnification or insurance furnished by such Contractor, waiving and releasing BellSouth from any claim or liability therefrom except to the extent of the negligence or willful misconduct of BellSouth in the performance of its project management activities.
- D. Notwithstanding any other provision of this Attachment, TELIGENT hereby acknowledges that BellSouth may have existing wireless communications facilities of its own or of other tenants or licensees on or at BellSouth's Central Office, and/or BellSouth may desire from time to time throughout the term of this Agreement to enter into agreements with other wireless communications providers for the installation, operation and maintenance of communications facilities on or at BellSouth's Property ("Other Wireless Carriers"). TELIGENT shall cooperate with BellSouth and all Other Wireless Carriers so as to reasonably accommodate the needs and requirements of such Other Wireless Carriers with respect to the installation, operation, use and maintenance of their equipment and facilities, and all necessary alterations, modifications and other improvements to BellSouth's property, including utility connections and access. Subject to ownership of any exclusive frequency rights, TELIGENT's facilities shall not physically, electronically, or inductively interfere with the existing BellSouth or other customers' or tenants' existing facilities. Each transmitter individually and all transmitters collectively at a given location shall comply with appropriate federal, state, and/or local regulations governing the safe levels of RF radiation. The foregoing obligations shall apply equally to all Other Wireless Carriers.
- In the event TELIGENT desires to relocate any of its then-existing Microwave Collocation facilities to a different place on the relevant BellSouth Central Office rooftop, TELIGENT shall submit a new application with fee to BellSouth specifying the new location TELIGENT proposes to occupy. If the relocation does not require BellSouth to expend capital, then a Subsequent Application fee will apply as covered in Exhibit A.

BellSouth shall, within thirty (30) business days of receipt of a complete application, approve such relocation or describe, in writing, why such relocation is not technically feasible.

**F. Teligent's Insurance Obligations**

Pursuant to Section VI of the Collocation Agreement

- G. At its sole cost and expense, TELIGENT shall maintain TELIGENT's Microwave equipment, including without limitation, all necessary repairs, replacements and restorations. In addition, TELIGENT shall keep its Microwave Collocation space in a good, neat, sanitary and workmanlike condition. If TELIGENT shall fail to keep its Microwave Collocation space in such workmanlike condition after ten (10) days written notice from BellSouth, BellSouth shall have the right but not the obligation to clean up the space on TELIGENT's behalf. In such event, TELIGENT shall be liable to BellSouth for the cost and expense of such work, upon written demand.

**4. SECURE ACCESS**

Pursuant to Section IX of the Collocation Agreement

**5. CABLE PROVISIONING**

TELIGENT is responsible for providing and running the cable from the radio frequency (RF) equipment to the collocation cage. BellSouth will be responsible for providing any necessary cable support structure at a rate indicated in Exhibit D. A BellSouth consultant must approve how the cable will be run. This provision supplements provision III.B in the Collocation Agreement.

**6. LINE OF SIGHT**

BellSouth will manage roof space on a first-come /first-served basis. BellSouth will work cooperatively with TELIGENT in determining suitable space for TELIGENT equipment. Once the parties mutually determine an initial location which provides for line of sight pursuant to 1c) above, TELIGENT is guaranteed a clear line of sight from the antenna mount and the edge of BellSouth's roof line. If BellSouth requires a building enhancement modification or through the placement of additional equipment obstructs TELIGENT's existing line of sight, BellSouth will work with TELIGENT to move the antenna mount or raise the height of the antenna mount for a clear line of sight. The costs of this modification will be borne by BellSouth.

If a third party elects to place equipment on the roof that obstructs an existing line of sight, the third party application will be denied unless all three parties mutually agree to move an existing arrangement to allow for a clear line of sight. The costs of this application will be borne by the third party.

## 7. ANTENNA MODIFICATIONS

TELIGENT is limited to placement of two microwave antenna (e) within the designated space. TELIGENT must submit an application with a fee before adding additional equipment to the microwave collocation space or to move equipment outside of designated space. TELIGENT may not construct improvements or make Major Alterations to its rooftop space or microwave transmission facilities without prior written approval from BellSouth, which will not be unreasonably withheld. BellSouth shall respond to any single request (application) within thirty (30) business days. "Major Alterations" shall include but not be limited to: (i) additional construction by TELIGENT of support equipment within its rooftop space, (ii) any modification to the rooftop space. "Major Alterations" shall not include (i) replacement of mounted equipment with like-sized and weight or smaller mounted equipment or similar functionality, (ii) routine repairs and maintenance to such microwave transmission facilities. Additional equipment or movement of existing equipment will require a new application and application fee. Anything outside of normal maintenance may require a subsequent application fee as indicated in Exhibit A of the Collocation Agreement.

## 8. USE OF ANTENNA SPACE ON OTHER BELLSOUTH TOWERS

Requirements for antenna space on existing towers that are not part of a BellSouth central office will be handled through BellSouth's Master Licensing Process.

## 9. EQUIPMENT REMOVAL

If, at any time, BellSouth reasonably determines that any of TELIGENT's facilities or equipment or the installation of TELIGENT's facilities or equipment does not meet the requirements outlined in this Agreement, TELIGENT will be responsible for the costs associated with the removal of such facilities or equipment or modification of the facilities or equipment or installation thereof to render it compliant. The removal of equipment must be done by a BellSouth Certified Vendor unless the Parties agree that another certified vendor can be used. If TELIGENT fails to correct any non-compliance with these standards or fails to demonstrate that the equipment is compliant within fifteen (15) days' written notice to TELIGENT, BellSouth may have the facilities or equipment removed or the condition correct at TELIGENT's expense. Removal of Microwave Collocation equipment shall be pursuant to provision III.H in the Collocation Agreement.

## 10. NATURE OF USE

TELIGENT equipment must comply with BellCore Network Equipment Building System (NEBS) Requirements, Electromagnetic Compatibility and Electrical Safety Generic Criteria for Network Telecommunication Equipment (TR-NWT-001089), and FCC OET Bulletin 65 dated 08/97. Requirements of provision III.A of the collocation agreement also apply. The operation of Teligent's microwave equipment shall comply with all applicable federal and state RF guidelines.

### **11. POWER REQUIREMENTS FOR MICROWAVE ARRANGEMENT**

BellSouth will not provide power or environmental support to the roof space. If BellSouth agrees in response to a specific request by TELIGENT to provide power or environmental support to the roof space, TELIGENT will bear all associated costs as specified by BellSouth to provide such services. In such case requirements set forth in provision V.C of the collocation agreement will apply.

### **12. GROUNDING AND BONDING**

Teligent at its expense will insure that any microwave equipment placed on the rooftop collocation space or in the building shall be grounded and bonded according to BellSouth's standards which shall be at a minimum consistent with industry standards. BellSouth agrees that grounding and bonding requirements shall be applied in parity to itself and other Interconnectors for similar types of equipment.

### **13. COLLOCATION AGREEMENT PROVISIONS**

Any provision provided specifically herein shall be in addition to applicable provisions in the Collocation Agreement.



**MICROWAVE COLLOCATION RATE ELEMENT DEFINITIONS AND CONDITIONS**

**Non-recurring charges - Relating to Microwave Roof Equipment**

1) **Microwave Preparation Fees**

Architectural Plan and Structural Review  
Exterior and Related Interior Building Modification Work  
General Contractor Supervision  
Special Security Construction

2) **Coring/Cable Pull**

Electrical and Building modification work for coring  
Weather Proofing  
Pulling cable to collocation equipment

3) **Roof Preparation (if applicable)**

Engineering Study (To develop roof preparation alternatives/costs)

4) **Escort - charge for access to roof**

Charge for access to Roof

**Recurring charges - Relating to Microwave Roof Equipment**

1) **Roof Space Lease Charge**

Monthly rate for leasing rooftop or other suitable exterior space on BellSouth CO on a per square foot basis.

## MICROWAVE COLLOCATION RATES

### Non-recurring charges

- |   |                   |
|---|-------------------|
| 1) Microwave Prep fee                                 | [ICB FOR EACH CO] |
| 2) Coring/Cable Pull                                  | [ICB FOR EACH CO] |
| 3) Roof Preparation /Exterior Cable Support Structure | [ICB FOR EACH CO] |
| 4) Microwave Installation                             | [ICB FOR EACH CO] |
| 5) Additional Charges*                                | [BASED ON ICB]    |

\* Additional costs for environmental conditioning (if applicable) will be developed and charged as an ICB. These charges include but are not limited to (to the extent applicable): exterior cable support structure; coring; and roof reinforcement. These costs along with the building Modification costs will be pro-rated back to existing customers when new applicants are put into service.

### Monthly recurring rates

- |                              |                   |
|------------------------------|-------------------|
| 1) Roof space (per sq. ft.)* | \$ 5.50 (interim) |
|------------------------------|-------------------|

\* A minimum of 12 square feet is required per microwave arrangement. The final rate will be no less than \$4.95 and no greater than \$6.05

**MICROWAVE COLLOCATION APPLICATION ATTACHMENT**

1. Name/Address of Central Office (s)
2. Proposed Rooftop/Exterior Space Location of Microwave Equipment
3. Description of Microwave Equipment
4. Other