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November 9, 2016

Ms. Talina R. Mathews Executive Director Kentucky Public Service Commission 211 Sower Boulevard P. O. Box 615 Frankfort, KY 40602

Re: Filing of Interconnection Agreement Amendment

Ms. Mathews:

Please find attached to this cover letter the electronic submission of the following filing:

The Amendment to implement the FCC's USF/ICC, Lifeline and Link Up Reform and Modernization, and USTelecom Forbearance Orders; add rates and provisions related to Transit Traffic Services; modify certain provisions related to Termination of Agreement After Initial Term Expiration; and modify certain provisions related to Customer Information Services and Notices to the current interconnection agreement between AT&T Kentucky and Broadview Networks, Inc.; **Reference No. 01104**.

This document is being electronically filed with the Commission on November 9, 2016. Please contact me if you have any questions regarding this filing.

Sincerely,

Archard 9. Howell

Richard T. Howell Area Manager-Regulatory Relations

Attachment

Contract Id: 4912730 Signature Page/AT&T-21STATE Page 1 of 2 BROADVIEW NETWORKS, INC. Version: 4Q15 – 10/20/15

## AMENDMENT

## BETWEEN

BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY INCORPORATED D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

AND

**BROADVIEW NETWORKS, INC.** 



Contract Id: 4912730 Signature Page/AT&T-21STATE Page 2 of 2 BROADVIEW NETWORKS, INC. Version: 4Q15 – 10/20/15

| Signature: eSigned - Rebecca Sommi                          | Signature: eSigned - William A. Bockelman   |
|---|---|
| Name: <u>eSigned - Rebecca Sommi</u><br>(Print or Type)     | Name: eSigned - William A. Bockelman<br>(Print or Type)   |
| Title: <u>Sr V.P. Operations Support</u><br>(Print or Type) | Title: Director (Print or Type)   |
| Date: 07 Oct 2016   | Date: 10 Oct 2016   |
| Broadview Networks, Inc.                                    | BellSouth Telecommunications, LLC d/b/a AT&T<br>ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T<br>KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI,<br>AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA<br>and AT&T TENNESSEE, Illinois Bell Telephone<br>Company d/b/a AT&T ILLINOIS, Indiana Bell Telephone<br>Company Incorporated d/b/a AT&T INDIANA, Michigan<br>Bell Telephone Company d/b/a AT&T MICHIGAN,<br>Nevada Bell Telephone Company d/b/a AT&T NEVADA<br>and AT&T Wholesale, The Ohio Bell Telephone<br>Company d/b/a AT&T OHIO, Pacific Bell Telephone<br>Company d/b/a AT&T CALIFORNIA, Southwestern Bell<br>Telephone Company d/b/a AT&T ARKANSAS, AT&T<br>KANSAS, AT&T MISSOURI, AT&T OKLAHOMA and<br>AT&T TEXAS, Wisconsin Bell, Inc. d/b/a AT&T<br>WISCONSIN by AT&T Services, Inc., its authorized |

agent

| State      | Resale OCN | ULEC OCN |
|------------|------------|----------|
| CALIFORNIA | 7596       |          |
| MICHIGAN   | 7596       |          |
| OHIO       | 7596       |          |
| TEXAS      | 7596       | 718A     |

| Description | ACNA Code(s) |
|-------------|--------------|
| ACNA(s)     | SCE          |

BROADVIEW NETWORKS Version: 03/23/16

#### AMENDMENT TO THE AGREEMENT BETWEEN BROADVIEW NETWORKS, INC AND

#### BELLSOUTH TELECOMMUNICATIONS, LLC D/B/A AT&T ALABAMA, AT&T FLORIDA, AT&T GEORGIA, AT&T KENTUCKY, AT&T LOUISIANA, AT&T MISSISSIPPI, AT&T NORTH CAROLINA, AT&T SOUTH CAROLINA AND AT&T TENNESSEE, ILLINOIS BELL TELEPHONE COMPANY D/B/A AT&T ILLINOIS, INDIANA BELL TELEPHONE COMPANY INCORPORATED D/B/A AT&T INDIANA, MICHIGAN BELL TELEPHONE COMPANY D/B/A AT&T MICHIGAN, NEVADA BELL TELEPHONE COMPANY D/B/A AT&T NEVADA AND AT&T WHOLESALE, THE OHIO BELL TELEPHONE COMPANY D/B/A AT&T OHIO, PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA, SOUTHWESTERN BELL TELEPHONE COMPANY D/B/A AT&T ARKANSAS, AT&T KANSAS, AT&T MISSOURI, AT&T OKLAHOMA AND AT&T TEXAS, WISCONSIN BELL, INC. D/B/A AT&T WISCONSIN

This Amendment (the "Amendment") amends the Agreements by and between AT&T and CARRIER as shown in the attached Exhibit A. AT&T and CARRIER are hereinafter referred to collectively as the "Parties" and individually as a "Party."

WHEREAS, AT&T and CARRIER are Parties to the Agreements as shown in the attached Exhibit A; and

WHEREAS, the Parties desire to amend the Agreement to implement the *Lifeline and Link Up Reform and Modernization* et al., WC Docket No. 11-42 et al., Second Report and Order, FCC 15-71, Released June 22, 2015 ("FCC Lifeline Order"); and

WHEREAS, the Parties desire to amend the Agreement to implement to the *Connect America Fund et al.*, WC Docket No. 10-90 et al, Report and Order issued by the Federal Communications Commission ("FCC") on November 18, 2011 (FCC 11-161), and as amended by the FCC on December 23, 2011 (FCC 11-189) ("FCC ICC Reform Order"), and

WHEREAS, the Parties desire to amend the Agreement to implement the *Petition of USTelecom for Forbearance Pursuant to* 47 U.S.C. § 160(c) from Enforcement of Obsolete ILEC Legacy Regulations That Inhibit Deployment of Next-Generation Networks, WC Docket No. 14-192, Released December 28, 2015 ("FCC US Telecom Forbearance Order"), and

WHEREAS, the Parties desire to add rates and provisions related to Transit Traffic Services, modify certain provisions related to Termination of Agreement After Initial Term Expiration and to modify certain provisions related to Customer Information Services.

NOW, THEREFORE, in consideration of the promises and mutual agreements set forth herein, the Parties agree to amend the Agreement as follows:

1. The Amendment is composed of the foregoing recitals, the terms and conditions, contained within, Exhibit A - AT&T Transit Traffic Service Attachment, Exhibit B – Customer Information Services, and Exhibit C - Pricing Sheet, all of which are hereby incorporated within this Amendment by this reference and constitute a part of this Amendment.

#### 2. Lifeline and Link Up Services

2.1. Delete the rates, terms and conditions related to Lifeline and Link Up service offerings from the Agreement. Lifeline and Link Up service will no longer be available under the Agreement beginning 180 days after Federal Register publication of the Office of Management and Budget's (OMB) approval.

#### 3. Intercarrier Compensation

3.1. The Parties hereby implement the intercarrier compensation rates reflected in the Pricing Sheet attached hereto as Exhibit C, for the termination of all Section 251(b)(5) Traffic exchanged between the Parties in the applicable state(s). The intercarrier compensation rates included in Exhibit C hereby supersede the existing rate elements included in the Agreement for purposes of reciprocal compensation.

#### 4. Forbearance

4.1. Delete the rates, terms and conditions related to the unbundling of a 64 kbps voice-grade channel to provide narrowband services over fiber where an incumbent LEC retires a copper loop it has overbuilt with a fiber-to-the-home or fiber-to-the-curb loop.

#### 5. Transit Traffic Services

5.1. Add Attachment – Transit Traffic Service, attached hereto, as Exhibit A and rates reflected in the Pricing Sheet(s), attached hereto as Exhibit C, to the Agreement. The rates and provisions of Exhibit A and C shall apply to Transit Traffic Service provided in the State(s) of Alabama, Arkansas, California, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Nevada, North Carolina, Ohio, Oklahoma, South Carolina, Tennessee, Texas and Wisconsin.

#### 6. Termination of Agreement After Initial Term Expiration

- 6.1. For the states of Alabama, Arkansas, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Nevada, North Carolina, Oklahoma, South Carolina, Tennessee and Wisconsin Sections 8.4.3 and 8.4.5 of the General Terms and Conditions of the Agreement are hereby amended and restated as follows:
  - 8.4.3 If at any time within one hundred and eighty (180) days or any time thereafter of the expiration of the Term, if either Party serves "Notice of Expiration" or Notice of Termination (if served after Expiration), CLEC shall have thirty (30) calendar days to provide AT&T-21STATE written confirmation to the Notice of Expiration indicating if CLEC wishes to pursue a successor agreement with AT&T-21STATE or terminate its Agreement. CLEC shall identify the action to be taken in each of the applicable state(s). If CLEC wishes to pursue a successor agreement with AT&T-21STATE, CLEC shall attach to its written confirmation or Notice of Expiration, a written request to commence negotiations with AT&T-21STATE under Sections 251/252 of the Act and identify each of the state(s) to which the successor agreement will apply. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations for a successor agreement.
  - 8.4.5 Either on or following the expiration date of this Agreement, if the Parties have not entered into a new agreement or are not in Active Negotiations as described in Section 8.4.4 above, the Agreement shall remain in full force and effect on a month to month basis unless both Parties mutually agree to terminate, or either Party provides "Notice of Termination" as provided for in Section 8.4.
- 6.2 For the state of California the Parties agree to Sections 7.2 through 7.10 of the GT&Cs with the following:
  - 7.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall expire on November 21, 2008.
  - 7.3 Termination for Nonperformance or Breach:
    - 7.3.1 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection Services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written Notice thereof. If the nonperforming Party fails to cure such nonperformance or breach day period provided for within the original Notice, then the terminating Party will provide a subsequent written Notice of the termination of this Agreement and such termination shall take effect immediately upon delivery of written Notice to the other Party.
    - 7.3.2 If, at any time during the term of this Agreement, AT&T-21STATE is unable to contact CLEC pursuant to the Notices provision hereof or any other contact information provided by CLEC under this Agreement, and there are no active services being provisioned under this Agreement, then AT&T-21STATE may, at its discretion, terminate this Agreement, without any liability whatsoever, upon sending of notification to CLEC pursuant to the Notices Section hereof.
  - 7.4 Termination of Agreement after initial term expiration:

- 7.4.1 Where CLEC has no End Users or is no longer purchasing any services under this Agreement, CLEC may terminate the Agreement by providing "Notice of Termination" to AT&T-21STATE at any time after the initial term of this Agreement. After termination the Parties' liability for termination of this Agreement shall be limited to obligations under the Survival Section of this GT&C.
- 7.4.2 Where CLEC has End Users and/or is purchasing Interconnection Services under this Agreement and either Party seeks to terminate this Agreement, the Parties shall cooperate in good faith to effect an orderly transition of service under this Agreement. CLEC shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users are transitioned to a new LEC prior to the expiration or termination date of this Agreement.
- 7.4.3 If at any time within one hundred and eighty (180) days or any time thereafter of the expiration of the Term, if either Party serves "Notice of Expiration" or Notice of Termination (if served after Expiration), CLEC shall have thirty (30) calendar days to provide AT&T-21STATE written confirmation to the Notice of Expiration indicating if CLEC wishes to pursue a successor agreement with AT&T-21STATE or terminate its Agreement. CLEC shall identify the action to be taken in each of the applicable state(s). If CLEC wishes to pursue a successor agreement with AT&T-21STATE, CLEC shall attach to its written confirmation or Notice of Expiration, a written request to commence negotiations with AT&T-21STATE under Sections 251/252 of the Act and identify each of the state(s) to which the successor agreement will apply. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations for a successor agreement.
- 7.4.4 If the Parties are in "Active Negotiations" (negotiations within the statutory clock established in the Act under Section 252(b)) or have filed for arbitration with the Commission upon expiration date of the Agreement AT&T-21STATE shall continue to offer services to CLEC pursuant to the rates, terms and conditions set forth in this Agreement until a successor agreement becomes effective between the Parties. AT&T-21STATE's obligation to provide services under this Agreement beyond the expiration date conditions upon the Parties adherence to the timeframes established within Section 252(b) of the Act. If CLEC does not adhere to said timeframes or CLEC withdraws its arbitration or seeks an extension of time or continuance of such arbitration without AT&T-21STATE's consent, AT&T-21STATE may provide Notice to CLEC that all services provided thereafter shall be pursuant to the rates, terms and conditions set forth in AT&T-21STATE's then current standard interconnection agreement ("Generic") as found on AT&T's CLEC Online website.
- 7.4.5 Either on or following the expiration date of this Agreement, if the Parties have not entered into a new agreement or are not in Active Negotiations as described in Section 7.4.4 above, the Agreement shall remain in full force and effect on a month to month basis unless both Parties mutually agree to terminate, or either Party provides "Notice of Termination" as provided for in Section 7.4.
- 7.4.6 AT&T-21STATE may reject a request under Section 252 for a new agreement if CLEC has an outstanding undisputed balance or CLEC has Disputed Amounts and is not in compliance with the escrow language in Section 10.0 of the GT&Cs under this Agreement. CLEC may send a subsequent notice under Section 252 when the outstanding balance has been paid in full or comes into compliance with the escrow requirements in Section 10.0 of the GT&Cs.
- 6.3 For the states of Michigan and Ohio the Parties agree to Sections 5.2 through 5.10 of the GT&Cs with the following:

- 5.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and shall expire on June 2, 2004.
- 5.3 Termination for Nonperformance or Breach:
  - 5.3.1 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection Services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written Notice thereof. If the nonperforming Party fails to cure such nonperformance or breach within the original Notice, then the terminating Party will provide a subsequent written Notice of the termination of this Agreement and such termination shall take effect immediately upon delivery of written Notice to the other Party.
  - 5.3.2 If, at any time during the term of this Agreement, AT&T-21STATE is unable to contact CLEC pursuant to the Notices provision hereof or any other contact information provided by CLEC under this Agreement, and there are no active services being provisioned under this Agreement, then AT&T-21STATE may, at its discretion, terminate this Agreement, without any liability whatsoever, upon sending of notification to CLEC pursuant to the Notices Section hereof.
- 5.4 Termination of Agreement after initial term expiration:
  - 5.4.1 Where CLEC has no End Users or is no longer purchasing any services under this Agreement, CLEC may terminate the Agreement by providing "Notice of Termination" to AT&T-21STATE at any time after the initial term of this Agreement. After termination the Parties' liability for termination of this Agreement shall be limited to obligations under the Survival Section of this GT&C.
  - 5.4.2 Where CLEC has End Users and/or is purchasing Interconnection Services under this Agreement and either Party seeks to terminate this Agreement, the Parties shall cooperate in good faith to effect an orderly transition of service under this Agreement. CLEC shall be solely responsible (from a financial, operational and administrative standpoint) to ensure that its End Users are transitioned to a new LEC prior to the expiration or termination date of this Agreement.
  - 5.4.3 If at any time within one hundred and eighty (180) days or any time thereafter of the expiration of the Term, if either Party serves "Notice of Expiration" or Notice of Termination (if served after Expiration), CLEC shall have thirty (30) calendar days to provide AT&T-21STATE written confirmation to the Notice of Expiration indicating if CLEC wishes to pursue a successor agreement with AT&T-21STATE or terminate its Agreement. CLEC shall identify the action to be taken in each of the applicable state(s). If CLEC wishes to pursue a successor agreement with AT&T-21STATE, CLEC shall attach to its written confirmation or Notice of Expiration, a written request to commence negotiations with AT&T-21STATE under Sections 251/252 of the Act and identify each of the state(s) to which the successor agreement will apply. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations for a successor agreement.
  - 5.4.4 If the Parties are in "Active Negotiations" (negotiations within the statutory clock established in the Act under Section 252(b)) or have filed for arbitration with the Commission upon expiration date of the Agreement AT&T-21STATE shall continue to offer services to CLEC pursuant to the rates, terms and conditions set forth in this Agreement until a successor agreement becomes effective between the Parties. AT&T-21STATE's obligation to provide services under this Agreement beyond the expiration

date conditions upon the Parties adherence to the timeframes established within Section 252(b) of the Act. If CLEC does not adhere to said timeframes or CLEC withdraws its arbitration or seeks an extension of time or continuance of such arbitration without AT&T-21STATE's consent, AT&T-21STATE may provide Notice to CLEC that all services provided thereafter shall be pursuant to the rates, terms and conditions set forth in AT&T-21STATE's then current standard interconnection agreement ("Generic") as found on AT&T's CLEC Online website.

- 5.4.5 Either on or following the expiration date of this Agreement, if the Parties have not entered into a new agreement or are not in Active Negotiations as described in Section 5.4.4 above, the Agreement shall remain in full force and effect on a month to month basis unless both Parties mutually agree to terminate, or either Party provides "Notice of Termination" as provided for in Section 5.4.
- 5.4.6 AT&T-21STATE may reject a request under Section 252 for a new agreement if CLEC has an outstanding undisputed balance or CLEC has Disputed Amounts and is not in compliance with the escrow language in Section 8.0 of the GT&Cs under this Agreement. CLEC may send a subsequent notice under Section 252 when the outstanding balance has been paid in full or comes into compliance with the escrow requirements in Section 8.0 of the GT&Cs.
- 6.3 For the state of Texas the Parties agree to Sections 2.2 through 2.7 of the GT&Cs with the following:
  - 2.2 The term of this Agreement shall commence upon the Effective Date of this Agreement and will remain in effect for five (5) years after the Effective Date.
  - 2.3 Termination for Nonperformance or Breach:
    - 2.3.1 Notwithstanding any other provision of this Agreement, either Party may terminate this Agreement and the provision of any Interconnection Services provided pursuant to this Agreement, at the sole discretion of the terminating Party, in the event that the other Party fails to perform a material obligation or breaches a material term of this Agreement and the other Party fails to cure such nonperformance or breach within forty-five (45) calendar days after written Notice thereof. If the nonperforming Party fails to cure such nonperformance or breach ady period provided for within the original Notice, then the terminating Party will provide a subsequent written Notice of the termination of this Agreement and such termination shall take effect immediately upon delivery of written Notice to the other Party.
    - 2.3.2 If, at any time during the term of this Agreement, AT&T-21STATE is unable to contact CLEC pursuant to the Notices provision hereof or any other contact information provided by CLEC under this Agreement, and there are no active services being provisioned under this Agreement, then AT&T-21STATE may, at its discretion, terminate this Agreement, without any liability whatsoever, upon sending of notification to CLEC pursuant to the Notices Section hereof.
  - 2.4 Termination of Agreement after initial term expiration:
    - 2.4.1 Where CLEC has no End Users or is no longer purchasing any services under this Agreement, CLEC may terminate the Agreement by providing "Notice of Termination" to AT&T-21STATE at any time after the initial term of this Agreement. After termination the Parties' liability for termination of this Agreement shall be limited to obligations under the Survival Section of this GT&C.
    - 2.4.2 Where CLEC has End Users and/or is purchasing Interconnection Services under this Agreement and either Party seeks to terminate this Agreement, the Parties shall cooperate in good faith to effect an orderly transition of service under this Agreement. CLEC shall be solely responsible (from a financial, operational and administrative

standpoint) to ensure that its End Users are transitioned to a new LEC prior to the expiration or termination date of this Agreement.

- 2.4.3 If at any time within one hundred and eighty (180) days or any time thereafter of the expiration of the Term, if either Party serves "Notice of Expiration" or Notice of Termination (if served after Expiration), CLEC shall have thirty (30) calendar days to provide AT&T-21STATE written confirmation to the Notice of Expiration indicating if CLEC wishes to pursue a successor agreement with AT&T-21STATE or terminate its Agreement. CLEC shall identify the action to be taken in each of the applicable state(s). If CLEC wishes to pursue a successor agreement with AT&T-21STATE, CLEC shall attach to its written confirmation or Notice of Expiration, a written request to commence negotiations with AT&T-21STATE under Sections 251/252 of the Act and identify each of the state(s) to which the successor agreement will apply. Upon receipt of CLEC's Section 252(a)(1) request, the Parties shall commence good faith negotiations for a successor agreement.
- 2.4.4 If the Parties are in "Active Negotiations" (negotiations within the statutory clock established in the Act under Section 252(b)) or have filed for arbitration with the Commission upon expiration date of the Agreement AT&T-21STATE shall continue to offer services to CLEC pursuant to the rates, terms and conditions set forth in this Agreement until a successor agreement becomes effective between the Parties. AT&T-21STATE's obligation to provide services under this Agreement beyond the expiration date conditions upon the Parties adherence to the timeframes established within Section 252(b) of the Act. If CLEC does not adhere to said timeframes or CLEC withdraws its arbitration or seeks an extension of time or continuance of such arbitration without AT&T-21STATE's consent, AT&T-21STATE may provide Notice to CLEC that all services provided thereafter shall be pursuant to the rates, terms and conditions set forth in AT&T-21STATE's then current standard interconnection agreement ("Generic") as found on AT&T's CLEC Online website.
- 2.4.5 Either on or following the expiration date of this Agreement, if the Parties have not entered into a new agreement or are not in Active Negotiations as described in Section 2.4.4 above, the Agreement shall remain in full force and effect on a month to month basis unless both Parties mutually agree to terminate, or either Party provides "Notice of Termination" as provided for in Section 2.4.
- 2.4.6 AT&T-21STATE may reject a request under Section 252 for a new agreement if CLEC has an outstanding undisputed balance or CLEC has Disputed Amounts and is not in compliance with the escrow language in Section 8.0 of the GT&Cs under this Agreement. CLEC may send a subsequent notice under Section 252 when the outstanding balance has been paid in full or comes into compliance with the escrow requirements in Section 8.0 of the GT&Cs.

#### 7. Customer Information Services (CIS)

- 7.1. With the exception of 7.3 herein, delete all rates, terms and conditions pertaining to Customer Information Services, including but not limited to services related to Operator Services (OS), Directory Assistance (DA), Directory Assistance Listings (DAL), Inward Assistance Operator Services (INW) and White Pages (e.g., Busy Line Verification (BLV), Busy Line Verification/Interrupt (BLV/I), etc.) from the Agreement.
- 7.2. Add Attachment 06 Operator Services and Directory Assistance (OS/DA), attached hereto as Exhibit B; and the Operator Services and Directory Assistance (OS/DA) rates reflected in the Pricing Sheet, attached hereto as Exhibit C, to the Agreement.
- 7.3. Add the following provisions to the Attachment or Appendix for Resale

- CIS.1 For Resale service, AT&T will provide Customer Information Services to CLEC's End Users where technically feasible and/or available to AT&T retail End Users. Dialing, response, and sound quality will be provided in parity to AT&T retail End Users.
- CIS.2 CLEC is solely responsible for the payment of all charges for all services furnished under this Attachment, including but not limited to calls originated or accepted at CLEC's location and its End Users' service locations.
- CIS.3 Interexchange carrier traffic (e.g., sent-paid, information services and alternate operator services messages) received by AT&T for billing to Resale End User accounts will be returned as unbillable and will not be passed to CLEC for billing. An unbillable code will be returned with those messages to the carrier indicating that the messages were generated by a Resale account and will not be billed by AT&T.
- CIS.4 AT&T shall not be responsible for the manner in which utilization of Resale Services or the associated charges are allocated to End Users or others by CLEC. Applicable rates and charges for services provided to CLEC under this Attachment will be billed directly to CLEC and shall be the responsibility of CLEC.
- CIS.5 Charges billed to CLEC for all services provided under this Attachment shall be paid by CLEC regardless of CLEC's ability or inability to collect from its End Users for such services.
- CIS.6 If CLEC does not wish to be responsible for payment of charges for calling card, collect, or third number billed calls (Alternately Billed Traffic or "ABT") or toll and information services (for example, 900 calls), CLEC must order the appropriate available blocking for lines provided under this Attachment and pay any applicable charges. It is the responsibility of CLEC to order the appropriate toll restriction or blocking on lines resold to End Users. CLEC acknowledges that blocking is not available for certain types of calls, including without limitation 800, 888, 411 and Directory Assistance Express Call Completion. Depending on the origination point, for example, calls originating from correctional facilities, some calls may bypass blocking systems. CLEC acknowledges all such limitations and accepts all responsibility for any charges associated with calls for which blocking is not available and any charges associated with calls that bypass blocking systems.
- 8. The Parties agree to replace Section N from the Agreement with the following language:

#### N. <u>Notices</u>

- N.1 Notices given by CLEC to AT&T under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to at least one of the following methods:
  - N.1.1 delivered by electronic mail (email).
  - N.1.2 delivered by facsimile.
- N.2 Notices given by AT&T to the CLEC under this Agreement shall be in writing (unless specifically provided otherwise herein), and unless otherwise expressly required by this Agreement to be delivered to another representative or point of contact, shall be pursuant to the following method:
  - N.2.1 delivered personally, delivered by express delivery service or mailed via certified mail or first class U.S. Postal Service, with postage prepaid and a return receipt requested.
- N.3 Notices will be deemed given as of the earliest of:
  - N.3.1 the date of actual receipt.
  - N.3.2 the next Business Day when sent via express delivery service; or
  - N.3.3 five (5) calendar days after mailing in the case of first class or certified U.S. Postal Service.
- N.4 Notices will be addressed to the Parties as follows:

BROADVIEW NETWORKS Version: 03/23/16

| NOTICE CONTACT        | CLEC CONTACT   |
|-----------------------|--|
| NAME/TITLE            | Rebecca Sommi<br>Sr V.P. Operations Support                            |
| STREET ADDRESS        | 1018 West 9th Avenue   |
| CITY, STATE, ZIP CODE | King of Prussia, PA 19046  |
| PHONE NUMBER*         | 610.755.4872   |
| FACSIMILE NUMBER      | 267.537.0064   |
| EMAIL ADDRESS         | rsommi@broadviewnet.com  |
|                       | AT&T CONTACT   |
| NAME/TITLE            | Contract Management<br>ATTN: Notices Manager                           |
| FACSIMILE NUMBER      | (214) 712-5792   |
| EMAIL ADDRESS         | The current email address as provided on<br>AT&T's CLEC Online website |

\*Informational only and not to be considered as an official notice vehicle under this Section.

- N.5 Either Party may unilaterally change its designated contact name, address, email address, and/or facsimile number for the receipt of Notices by giving written Notice to the other Party in compliance with this Section N. Unless explicitly stated otherwise, any change to the designated contact name, address, email address, and/or facsimile number will replace such information currently on file. Any Notice to change the designated contact name, address, email address, and/or facsimile number for the receipt of Notices shall be deemed effective ten (10) calendar days following receipt by the other Party.
- N.6 In addition, CLEC agrees that it is responsible for providing AT&T with CLEC's OCN and ACNA numbers for the states in which CLEC is authorized to do business and in which CLEC is requesting that this Agreement apply. In the event that CLEC wants to change and/or add to the OCN and/or ACNA information in the CLEC Profile, CLEC shall send written notice to AT&T to be received at least thirty (30) days prior to the change and/or addition in accordance with this Section N notice provision; CLEC shall also update its CLEC Profile through the applicable form and/or web-based interface.
- N.7 AT&T communicates official information to CLECs via its Accessible Letter, or other applicable, notification processes. These processes involve electronic transmission and/or posting to the AT&T CLEC Online website, inclusive of a variety of subjects including declaration of a force majeure, changes on business processes and policies, and other product/service related notices not requiring an amendment to this Agreement.
- 9. There shall be no retroactive application of any provision of this Amendment prior to the Effective Date of an adopting CLEC's agreement.
- 10. This Amendment shall be deemed to revise the terms and provisions of the Agreement only to the extent necessary to give effect to the terms and provisions of this Amendment. In the event of a conflict between the terms and provisions of this Amendment and the terms and provisions of the Agreement (including all incorporated or accompanying Appendices, Addenda, and Exhibits to the Agreement), this Amendment shall govern, provided, however, that the fact that a term or provision appears in this Amendment but not in the Agreement, or in the Agreement but not in this Amendment, shall not be interpreted as, or deemed grounds for finding, a conflict for purposes of this Amendment.
- 11. In entering into this Amendment, neither Party waives, and each Party expressly reserves, any rights, remedies or arguments it may have at law or under the intervening law or regulatory change provisions in the underlying Agreement (including intervening law rights asserted by either Party via written notice predating this Amendment) with respect to any orders, decisions, legislation or proceedings and any remands thereof, which the Parties have not yet fully incorporated into this Agreement or which may be the subject of further review.

- 12. This Amendment shall not modify or extend the Effective Date or Term of the underlying Agreement, but rather, shall be coterminous with such Agreement.
- 13. EXCEPT AS MODIFIED HEREIN, ALL OTHER TERMS AND CONDITIONS OF THE UNDERLYING AGREEMENT SHALL REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT.
- 14. Signatures by all Parties to this Amendment are required to effectuate this Amendment. This Amendment may be executed in counterparts. Each counterpart shall be considered an original and such counterparts shall together constitute one and the same instrument.
- 15. For Alabama, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Nevada, North Carolina, Oklahoma, South Carolina, Tennessee, Texas: This Amendment shall be filed with and is subject to approval by the applicable state Commission and shall become effective ten (10) days following approval by such Commission. For Arkansas: This Amendment shall be filed with the Arkansas Public Service Commission and shall become effective upon filing. For Ohio: Based on the Public Utilities Commission of Ohio Rules, the Amendment is effective upon filing and is deemed approved by operation of law on the 91<sup>st</sup> day after filing. For California: Pursuant to Resolution ALJ 257, this filing will become effective, absent rejection of the Advice Letter by the Commission, upon thirty (30) days after the filing date of the Advice Letter to which this Amendment is appended. For Wisconsin: Pursuant to Wisconsin Statute § 196.40, this Amendment shall become effective ten (10) days after the mailing date of the final order approving this Amendment.

#### Contract Id: 4912730

#### <u>Exhibit A</u>

| AT&T ILEC ("AT&T")   | CARRIER Legal Name       | Contract Type   | Approval Date |  |  |
|--|--------------------------|-----------------|---------------|--|--|
| BellSouth Telecommunications, LLC<br>d/b/a AT&T ALABAMA        | Broadview Networks, Inc. | Interconnection | 1/4/11        |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T FLORIDA        | Broadview Networks, Inc. | Interconnection | 3/18/11       |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T GEORGIA        | Broadview Networks, Inc. | Interconnection | 1/18/11       |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T KENTUCKY       | Broadview Networks, Inc. | Interconnection | 12/3/10       |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T LOUISIANA      | Broadview Networks, Inc. | Interconnection | 3/10/11       |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T MISSISSIPPI    | Broadview Networks, Inc. | Interconnection | 1/6/11        |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T NORTH CAROLINA | Broadview Networks, Inc. | Interconnection | 2/23/11       |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T SOUTH CAROLINA | Broadview Networks, Inc. | Interconnection | 2/9/11        |  |  |
| BellSouth Telecommunications, LLC<br>d/b/a AT&T TENNESSEE      | Broadview Networks, Inc. | Interconnection | 1/24/11       |  |  |
| Illinois Bell Telephone Company<br>d/b/a AT&T ILLINOIS         | Broadview Networks, Inc. | Interconnection | 2/9/11        |  |  |

Contract Id: 4912730

| AT&T ILEC ("AT&T")   | CARRIER Legal Name       | Contract Type   | Approval Date |
|--|--------------------------|-----------------|---------------|
| Indiana Bell Telephone Company<br>Incorporated d/b/a AT&T INDIANA        | Broadview Networks, Inc. | Interconnection | 1/13/11       |
| Michigan Bell Telephone Company<br>d/b/a AT&T MICHIGAN                   | Broadview Networks, Inc. | Interconnection | 5/2/03        |
| Nevada Bell Telephone Company<br>d/b/a AT&T NEVADA and AT&T<br>Wholesale | Broadview Networks, Inc. | Interconnection | 2/15/11       |
| The Ohio Bell Telephone Company<br>d/b/a AT&T OHIO                       | Broadview Networks, Inc. | Interconnection | 6/19/03       |
| Pacific Bell Telephone Company<br>d/b/a AT&T CALIFORNIA                  | Broadview Networks, Inc. | Interconnection | 12/17/07      |
| Southwestern Bell Telephone<br>Company d/b/a AT&T KANSAS                 | Broadview Networks, Inc. | Interconnection | 12/30/10      |
| Southwestern Bell Telephone<br>Company d/b/a AT&T MISSOURI               | Broadview Networks, Inc. | Interconnection | 1/5/11        |
| Southwestern Bell Telephone<br>Company d/b/a AT&T OKLAHOMA               | Broadview Networks, Inc. | Interconnection | 3/8/11        |
| Southwestern Bell Telephone<br>Company d/b/a AT&T TEXAS                  | Broadview Networks, Inc. | Interconnection | 9/22/05       |
| Wisconsin Bell, Inc. d/b/a AT&T<br>WISCONSIN                             | Broadview Networks, Inc. | Interconnection | 12/6/10       |

Contract Id: 4912730 Amendment – Add Transit Traffic Service Exhibit B - ICA/AT&T-21STATE Page 1 of 5 BROADVIEW NETWORKS Version: 11/18/15

# AT&T TRANSIT SERVICE PROVIDER TRANSIT TRAFFIC SERVICE EXHIBIT A

## TABLE OF CONTENTS

### Section

### Section Number

| 1.0 | Introduction                         | .3 |
|-----|--------------------------------------|----|
| 2.0 | Definitions                          | .3 |
| 3.0 | Responsibilities of the Parties      | .3 |
| 4.0 | CLEC Originated Traffic              | .3 |
| 5.0 | CLEC Terminated Traffic              | .4 |
| 6.0 | Transit Traffic Routing/Trunk Groups | .4 |
| 7.0 | Direct Trunking Requirements         | .5 |
| 8.0 | Transit Traffic Rate Application     | .5 |

#### 1.0 <u>Introduction</u>

1.1 This Exhibit A sets forth the rates, terms and conditions for Transit Traffic Service when AT&T ARKANSAS, AT&T CALIFORNIA, AT&T INDIANA, AT&T KANSAS, AT&T KENTUCKY, AT&T MISSOURI, AT&T NORTH CAROLINA, AT&T OHIO, AT&T OKLAHOMA, and/or AT&T TEXAS acts as a Transit Service Provider ("AT&T-TSP") for CLEC. Transit Traffic Service is provided to Telecommunications Carriers for Telecommunications Traffic that does not originate with, or terminate to, AT&T-TSP's End Users. Transit Traffic Service allows CLEC to exchange CLEC originated traffic with a Third Party Terminating Carrier, to which CLEC is not directly interconnected, and it allows CLEC to receive traffic originated by a Third Party Originating Carrier. AT&T-TSP offers Transit Traffic Services to interconnected Out of Exchange Local Exchange Carriers.

#### 2.0 <u>Definitions</u>

The following definitions are only for the purpose of Transit Traffic Service as set forth in this Exhibit A. If a definition herein conflicts with any definition in the General Terms and Conditions of the Agreement or any other attachment or appendix of the Agreement, then the definition herein governs for the sole purpose of this Exhibit A. To the extent that defined terms in the Agreement are used in this Exhibit A, but for which no definition appears herein, then the definition in the Agreement controls.

- 2.1 "AT&T Transit Service Provider" or "AT&T-TSP" means as applicable, AT&T ARKANSAS, AT&T CALIFORNIA, AT&T INDIANA, AT&T KANSAS, AT&T KENTUCKY, AT&T MISSOURI, AT&T OHIO, AT&T OKLAHOMA, AT&T NORTH CAROLINA, and/or AT&T TEXAS as those entities provide Transit Traffic Services to CLEC and Third Parties.
- 2.2 "Local" means physically located in the same ILEC Local Exchange Area as defined by the ILEC Local (or "General") Exchange Tariff on file with the applicable state Commission or regulatory agency; or physically located within neighboring ILEC Local Exchange Areas that are within the same common mandatory local calling area. This includes but is not limited to, mandatory Extended Area Service (EAS), mandatory Extended Local Calling Service (ELCS), or other types of mandatory expanded local calling scopes.
- 2.3 "Loss" or "Losses" means any and all losses, costs (including court costs), claims, damages (including fines, penalties, or civil judgments and settlements), injuries, liabilities and expenses (including attorneys' fees).
- 2.4 "Third Party Originating Carrier" means a Telecommunications Carrier that originates Transit Traffic that transits AT&T-TSP's network and is delivered to CLEC.
- 2.5 "Third Party Terminating Carrier" means a Telecommunications Carrier to which traffic is terminated when CLEC originates traffic that is sent through AT&T-TSP's network using AT&T-TSP's Transit Traffic Service.
- 2.6 "Transit Traffic" means traffic originating on CLEC's network that is switched and transported by AT&T-TSP and delivered to a Third Party Terminating Carrier's network or traffic from a Third Party Originating Carrier's network and delivered to CLEC. A call that is originated or terminated by a CLEC purchasing local switching pursuant to a commercial agreement with AT&T-TSP is not considered Transit Traffic for the purposes of this Exhibit. Additionally Transit Traffic does not include traffic to/from IXCs.
- 2.7 "Transit Traffic MOUs" means all Transit Traffic minutes of use to be billed at the Transit Traffic rate by AT&T-TSP.
- 2.8 "Transit Traffic Service" is an optional switching and intermediate transport service provided by AT&T-TSP for Transit Traffic between CLEC and a Third Party Originating or Terminating Carrier, where CLEC is directly interconnected with an AT&T-TSP's Tandem.

#### 3.0 <u>Responsibilities of the Parties</u>

- 3.1 AT&T-TSP will provide CLEC with Transit Traffic Service to all Third Party Terminating Carriers with which AT&T-TSP is interconnected, within the same LATA, or outside of that LATA to the extent a LATA boundary waiver exists.
- 3.2 Transit Traffic Service rates apply to all Transit Traffic that originates on CLEC's network. Transit Traffic Service rates are only applicable when calls do not originate with (or terminate to) an AT&T-TSP End User.

### 4.0 <u>CLEC Originated Traffic</u>

4.1 CLEC acknowledges and agrees that it is solely responsible for compensating Third Party Terminating Carriers for

Transit Traffic that CLEC originates. AT&T-TSP will directly bill CLEC for CLEC-originated Transit Traffic. AT&T-TSP will not act as a billing intermediary, i.e., clearinghouse, between CLEC and Third Party Terminating Carriers, nor will AT&T-TSP pay any termination charges to the Third Party Terminating Carriers on behalf of CLEC.

- 4.2 If CLEC originates Transit Traffic destined to a Third Party Terminating Carrier with which CLEC does not have a traffic compensation arrangement, then CLEC will indemnify, defend and hold harmless AT&T-TSP against any and all Losses, including, without limitation, charges levied by such Third Party Terminating Carrier against AT&T-TSP for such Transit Traffic. Furthermore, If CLEC originates Transit Traffic destined for a Third Party Terminating Carrier with which CLEC does not have a traffic compensation arrangement, and a regulatory agency or court orders AT&T-TSP to pay such Third Party Terminating Carrier for the Transit Traffic AT&T-TSP has delivered to the Third Party Terminating Carrier, then CLEC will indemnify AT&T-TSP for any and all Losses related to such regulatory agency or court order, including, but not limited to, Transit Traffic termination charges, interest on such Transit Traffic Termination charges, and any billing and collection costs that AT&T-TSP may incur to collect any of the foregoing charges, interest or costs from CLEC.
- 4.3 CLEC shall be responsible for sending CPN and other appropriate information, as applicable, for calls delivered to AT&T-TSP's network. CLEC shall not strip, alter, modify, add, delete, change, or incorrectly assign or re-assign any CPN. If AT&T-TSP identifies improper, incorrect, or fraudulent use of local exchange services, or identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN, then CLEC agrees to cooperate to investigate and take corrective action. If CLEC is sending CPN to AT&T-TSP, but AT&T-TSP is not receiving proper CPN information, then CLEC will work cooperatively with AT&T-TSP to correct the problem. If AT&T-TSP does not receive CPN from CLEC, then AT&T-TSP cannot forward any CPN to the Third Party Terminating Carrier, and CLEC will indemnify, defend and hold harmless AT&T-TSP from any and all Losses arising from CLEC's failure to include CPN with Transit Traffic that AT&T-TSP delivers to a Third Party Terminating Carrier on behalf of CLEC.
- 4.4 CLEC, when acting as an originating carrier of Transit Traffic, has the sole responsibility for providing appropriate information to identify Transit Traffic to Third Party Terminating Carriers.

#### 5.0 <u>CLEC Terminated Traffic</u>

- 5.1 CLEC shall not charge AT&T-TSP when AT&T-TSP provides Transit Traffic Service for calls terminated to CLEC.
- 5.2 Where AT&T-TSP is providing Transit Traffic Service to CLEC, AT&T-TSP will pass the CPN received from the Third Party Originating Carrier to CLEC. If AT&T-TSP does not receive CPN from the Third Party Originating Carrier, then AT&T-TSP cannot forward CPN to CLEC; therefore, CLEC will indemnify, defend and hold harmless AT&T-TSP from any and all Losses arising from or related to the lack of CPN in this situation. If AT&T-TSP or CLEC identifies stripped, altered, modified, added, deleted, changed, and/or incorrectly assigned CPN from a Third Party Originating Carrier, CLEC agrees to cooperate with AT&T-TSP and the Third Party Originating Carrier to investigate and take corrective action. If the Third Party Originating Carrier is sending CPN, but AT&T-TSP or CLEC is not properly receiving the information, then CLEC will work cooperatively with AT&T-TSP and the Third Party Originating Carrier to correct the problem.
- 5.3 CLEC agrees to seek terminating compensation for Transit Traffic directly from the Third Party Originating Carrier. AT&T-TSP is not obligated to pay CLEC for such Transit Traffic, and AT&T-TSP is not to be deemed or considered as the default originator of such Transit Traffic.

#### 6.0 <u>Transit Traffic Routing/Trunk Groups</u>

- 6.1 When CLEC has one or more switches in a LATA and it desires to exchange Transit Traffic with Third Parties through AT&T-TSP, CLEC shall trunk to AT&T-TSP Tandems in such LATA pursuant to terms in the network interconnection/network trunking attachment or appendix to this Agreement. In the event CLEC has no switch in a LATA in which it desires to send Transit Traffic through AT&T-TSP, CLEC shall establish one or more POIs within such LATA and trunk from each POI to AT&T-TSP's Tandems in such LATA.
- 6.2 CLEC shall route Transit Traffic to the AT&T-TSP Tandem from which the Third Party Terminating Carrier switch subtends.
- 6.3 Transit Traffic not routed to the appropriate AT&T-TSP Tandem by CLEC shall be considered misrouted. Transit

Traffic routed by CLEC through AT&T-TSP's End Office shall be considered misrouted. Upon written notification from AT&T-TSP of misrouting of Transit Traffic, CLEC will correct such misrouting within sixty (60) days.

- 6.4 In AT&T ARKANSAS, AT&T CALIFORNIA, AT&T INDIANA, AT&T KANSAS, AT&T MISSOURI, AT&T OHIO, AT&T OKLAHOMA, and/or AT&T TEXAS, the same facilities and trunking (ordering, provisioning, servicing, etc.) used to route Section 251(b)(5) Traffic will be used by AT&T-TSP to route Transit Traffic.
- 6.5 In AT&T KENTUCKY and/or AT&T NORTH CAROLINA, the same facilities and trunking (ordering, provisioning, servicing, etc.) used for transit trunk groups will be utilized for the routing of Transit Traffic.

#### 7.0 Direct Trunking Requirements.

7.1 When Transit Traffic originated by CLEC requires twenty-four (24) or more trunks, upon sixty (60) days written notice from AT&T-TSP, CLEC shall establish a direct trunk group or alternate transit arrangement between itself and the Third Party Terminating Carrier. Once a Trunk Group has been established, CLEC agrees to cease routing Transit Traffic through the AT&T-TSP Tandem to the Third Party Terminating Carrier (described above), unless AT&T-TSP and CLEC mutually agree otherwise.

#### 8.0 <u>Transit Traffic Rate Application</u>

- 8.1 AT&T CALIFORNIA, AT&T INDIANA, and/or, AT&T OHIO only,
  - 8.1.1 The applicable Transit Traffic Service rate applies to all Transit Traffic MOUs. For AT&T CALIFORNIA, AT&T INDIANA, and/or AT&T OHIO, Transit Traffic MOUs include Local and IntraLATA toll minutes of use. CLEC agrees to compensate AT&T CALIFORNIA, AT&T INDIANA and/or AT&T OHIO as a transit service provider for the rate elements at the rate set forth in the Transit Traffic Service Pricing Schedule, Exhibit B.
- 8.2 AT&T ARKANSAS, AT&T KANSAS, AT&T KENTUCKY, AT&T MISSOURI, AT&T OKLAHOMA, AT&T NORTH CAROLINA, and/or AT&T TEXAS only
  - 8.2.1 The applicable Transit Traffic Service rate applies to all Transit Traffic MOUs. For AT&T ARKANSAS, AT&T KANSAS, AT&T KENTUCKY, AT&T MISSOURI, AT&T OKLAHOMA, AT&T NORTH CAROLINA and/or AT&T TEXAS, Transit Traffic MOUs include Local minutes of use only. CLEC agrees to compensate AT&T ARKANSAS, AT&T KANSAS, AT&T KENTUCKY, AT&T MISSOURI, AT&T OKLAHOMA, AT&T NORTH CAROLINA and/or AT&T TEXAS as a Transit Service Provider for the rate elements at the rate set forth in the Transit Traffic Service Pricing Schedule, Exhibit B.
- 8.3 AT&T MISSOURI only
  - 8.3.1 Pursuant to the Missouri Public Service Commission Order in Case No. TO-99-483, the Transit Traffic rate elements shall not apply to MCA Traffic (i.e., no transiting charges shall be assessed for MCA Traffic) for AT&T MISSOURI.
- 8.4 AT&T KENTUCKY and/or AT&T NORTH CAROLINA only
  - 8.4.1 Traffic between CLEC and Wireless Type 1 Third Parties or Wireless Type 2A Third Parties that do not engage in Meet Point Billing with AT&T KENTUCKY and/or AT&T NORTH CAROLINA shall not be treated as Transit Traffic from a routing or billing perspective until such time as such traffic is identifiable as Transit Traffic.
  - 8.4.2 CLEC shall send all IntraLATA toll traffic to be terminated by an independent telephone company to the End User's IntraLATA toll provider and shall not send such traffic to AT&T KENTUCKY and/or AT&T NORTH CAROLINA as Transit Traffic. IntraLATA toll traffic shall be any traffic that originates outside of the terminating independent telephone company's local calling area.

Contract Id: 4912730

Exhibit C Attachment 06 – OS/DA/AT&T-21STATE Page 1 of 9 BROADVIEW NETWORKS Version: 1Q16 - CLEC ICA – 05/05/16

# ATTACHMENT 06 – OPERATOR SERVICES AND DIRECTORY ASSISTANCE (f/k/a CUSTOMER INFORMATION SERVICES)

### TABLE OF CONTENTS

| <u>Sectio</u> | <u>n</u>  | <u>Page Number</u> |
|---------------|---|--------------------|
| 1.0           | Introduction  | 3                  |
| 2.0           | Definitions   | 3                  |
| 3.0           | Operator Services (OS) / Directory Assistance (DA)                                | 4                  |
| 4.0           | Listings  | 7                  |
| 5.0           | General Conditions for Operator Services (OS), Directory Assistance (DA)          | 9                  |
| 6.0           | Termination – Entire Attachment 06 – Operator Assistance and Directory Assistance | e Services9        |

#### 1.0 INTRODUCTION

- 1.1 This Attachment sets forth the rates, terms and conditions under which AT&T-21STATE shall provide Operator Services/Directory Assistance (OS/DA) and Listings.
- 1.2 OS/DA:
  - 1.2.1 This Attachment sets forth the rates, terms and conditions under which the Parties shall jointly carry out OS/DA on a wholesale basis for CLEC End Users residing in AT&T-21STATE's local Exchange territory, regardless of whether CLEC is serving its End Users via:

1.2.1.1 CLEC's own physical Switches; or

- 1.2.1.2 Resale of AT&T-21STATE Retail OS/DA service.
- 1.2.2 CLEC shall be the retail OS/DA provider to its End Users, and AT&T-21STATE shall be the wholesale provider of OS/DA operations to CLEC. AT&T-21STATE shall answer CLEC's End User OS/DA calls on CLEC's behalf, as follows:
  - 1.2.2.1 When the End User dials 0- or 0+ the telephone number, AT&T-21STATE shall provide the Operator Services described in Section 3.4 below. CLEC may set its own retail OS/DA rates, and CLEC therefore acknowledges its responsibility to obtain (a) End User agreement to the OS/DA retail rates (e.g., by tariff or contract), and (b) any necessary regulatory approvals for its OS/DA retail rates.
  - 1.2.2.2 In response to CLEC End User inquiries about OS/DA rates, where available and technically feasible, AT&T-21STATE operators shall quote CLEC retail OS/DA rates, provided by CLEC (see Section 3.6 below). If further inquiries are made about rates, billing and/or other "business office" questions, AT&T-21STATE's OS/DA operators shall direct the calling party's inquiries to a CLEC-provided contact number (also see Section 3.6 below).
- 1.2.3 CLEC shall pay the applicable OS/DA rates found in the Pricing Sheet based upon CLEC's status as a Facilities-Based CLEC or a reseller. Provided however, CLEC may serve both as a reseller and as a facilities-based provider and CLEC may convert its facilities-based End Users to Resale service, or vice versa, as described below in Section 3.6.7 below.
  - 1.2.3.1 CLEC acknowledges and understands that wholesale OS/DA rates differ between Resale and facilities-based service, and that both types of OS/DA wholesale rates are listed in the Pricing Sheet.
  - 1.2.3.2 Billing and payment details, including the assessment of late payment charges for unpaid balances, are governed by the General Terms and Conditions in this Agreement.

#### 1.3 Listings:

1.3.1 This Attachment sets forth terms and conditions that apply to Resale and Facility-Based CLECs for subscriber listing information provided by AT&T-21STATE.

#### 2.0 <u>DEFINITIONS</u>

- 2.1 "Consolidated Reference Rater (CRR)" provides reference information (business office and repair numbers) and rate quotes for CLEC End Users.
- 2.2 "Facilities-Based CLEC" means a CLEC that provides service through its own switch or a Third Party provider's switch.
- 2.3 "General Assistance" means a service in which the End User dialing 0 asks the OS operator for assistance. The operator will respond in accordance with OS methods and practices that are in effect at the time the End User makes an OS call where available and technically feasible.

- 2.4 "Listings" means information identifying the listed names of subscribers of carriers and subscribers' telephone numbers, addresses or primary advertising classification or any combination, and that carrier or affiliate has published, caused to be published or accepted for publication in any directory format.
- 2.5 "Services" means Operator Services/Directory Assistance (OS/DA) and Listings.
- 2.6 "Toll Center Code" means the three digit access tandem code ("ATC") that uniquely identifies a tandem switch in the Local Exchange Routing Guide (LERG) designated as providing access to operator services functions.

#### 3.0 OPERATOR SERVICES (OS) / DIRECTORY ASSISTANCE (DA)

- 3.1 Dialing Parity:
  - 3.1.1 AT&T-21STATE will provide OS/DA to CLEC's End Users with no unreasonable dialing delays and at dialing parity with AT&T-21STATE retail OS/DA services.

#### 3.2 Response Parity:

- 3.2.1 Where available and technically feasible, CLEC's End Users shall be answered by AT&T-21STATE's OS and DA platforms with the same priority and using the same methods as for AT&T-21STATE's End Users.
- 3.2.2 Any technical difficulties in reaching the AT&T-21STATE OS/DA platform (e.g., cable cuts in the OS/DA trunks, unusual OS/DA call volumes, etc.) will be experienced at parity with AT&T-21STATE End Users served via that same AT&T-21STATE End Office Switch.
- 3.3 Requirements to Physically Interconnect:
  - 3.3.1 This section describes the physical interconnection and trunking requirements for a Facilities-Based CLEC to interconnect with AT&T-21STATE's OS/DA switches.
  - 3.3.2 The demarcation point for OS/DA traffic between the Parties' networks need not coincide with the point of interconnection for the physical interconnection of all other inter-carrier voice traffic, but at a minimum must be in the Local Access and Transport Area (LATA) in which the CLEC's OS/DA traffic originates.
    - 3.3.2.1 Because CLEC's switch may serve End Users in more than one LATA, the Parties agree that CLEC's OS/DA traffic originates from the physical location of the End User dialing 0, 411, or 555-1212 and not the physical location of CLEC's switch.
    - 3.3.2.2 To the extent CLEC is serving via circuit-switched wireless technology, the physical location of the End User dialing 0, 411, or 555-1212 shall be deemed the End User's physical billing address, regardless of whether the End User may be roaming at the time of placing the OS/DA call.
  - 3.3.3 The Parties will establish an OS/DA demarcation point at the AT&T-21STATE's OS/DA switch. By mutual agreement, an alternative OS/DA demarcation point may be determined based on the following factors:
    - 3.3.3.1 The size and type of facilities needed to carry CLEC's switch-based OS/DA traffic;
    - 3.3.3.2 Whether CLEC wishes to interconnect for OS or DA, or both;
    - 3.3.3.3 Whether CLEC or CLEC's Affiliate is collocated in an AT&T-21STATE local tandem office and wishes to use the collocation as the OS/DA demarcation point; and
    - 3.3.3.4 Whether CLEC or CLEC's Affiliate already has existing OS/DA facilities in place to the AT&T-21STATE's OS/DA platforms.
  - 3.3.4 CLEC shall be financially responsible for the transport facilities to the AT&T-21STATE's switch(es). CLEC may self-provision these OS/DA facilities, lease them from Third Parties, or lease them from AT&T-21STATE's intrastate Special Access Tariff. CLEC shall remain financially responsible for the transport facilities to the AT&T-21STATE's switch(es) and/or any one-way trunk groups from its designated operator assistance and directory assistance (or OA/DA) switch to the AT&T-21STATE operator assistance switch until CLEC initiates and successfully disconnects such transport facilities and/or trunk groups.
  - 3.3.5 General OS/DA Trunking Requirements:

Exhibit C Attachment 06 – OS/DA/AT&T-21STATE Page 5 of 9 BROADVIEW NETWORKS Version: 1Q16 - CLEC ICA – 05/05/16

- 3.3.5.1 CLEC will initiate an Access Service Request (ASR) for all OS/DA trunk groups from its switch to the appropriate AT&T-21STATE OS/DA switches as a segregated one-way trunk group utilizing Multi-Frequency (MF) signaling. Unless technically infeasible, AT&T-21STATE will provision all such one-way trunk groups in the same manner and at the same intervals as for all other interconnection trunks between the Parties.
- 3.3.5.2 CLEC will employ Exchange Access Operator Services Signaling (EAOSS) from the AT&T-21STATE End Offices to the AT&T-21STATE OS/DA switches that are equipped to accept 10-Digit Signaling for Automatic Number Identification (ANI).
- 3.3.5.3 Where EAOSS is not available, Modified Operator Services Signaling (MOSS) will be utilized, and a segregated one-way trunk group with MF signaling will be established from CLEC to each AT&T-21STATE OS/DA switch for each served Numbering Plan Area (NPA) in the LATA.
- 3.3.6 Specific OS/DA Trunk Groups and Their Requirements
  - 3.3.6.1 Operator Service Trunks:
    - 3.3.6.1.1 CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE OS switch serving OS End Users in that LATA. An OS only trunk group will be designated with the appropriate OS traffic use code and modifier. If the trunk group transports combined OS/DA/DACC over the same trunk group, then the group will be designated with a different traffic use code and modifier for combined services. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
  - 3.3.6.2 DA/DA Call Completion (DACC) Trunks:
    - 3.3.6.2.1 Where permitted, CLEC shall establish a one-way trunk group from CLEC's switch to the AT&T-21STATE DA switch serving DA End Users in that LATA. If the trunk group transports DA/DACC only, but not OS, then the trunk group will be designated with the appropriate DA traffic use code and modifier.
    - 3.3.6.2.2 In AT&T-12STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with a different appropriate traffic use code and modifier from that used for a DA/DACC only trunk group. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
    - 3.3.6.2.3 In AT&T SOUTHEAST REGION 9-STATE, if OS/DA/DACC is transported together on a combined trunk group, then the group will be designated with an appropriate traffic use code and modifier. CLEC will have administrative control for the purpose of issuing ASRs on this one-way trunk group.
- 3.4 Operator Services Call Processing and Rates:
  - 3.4.1 AT&T-21STATE will assess its OS charges based upon whether the CLEC End User is receiving (a) manual OS (i.e., provided via an operator), or (b) automated OS (i.e., an OS switch equipment voice recognition feature, functioning either fully or partially without operators where available and technically feasible). The Pricing Sheet contains the full set of OS recurring and nonrecurring rates.
  - 3.4.2 AT&T-21STATE will provide OS to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with OS methods and practices in effect at the time the CLEC End User makes an OS call.
- 3.5 Directory Assistance Call Processing and Rates:
  - 3.5.1 AT&T-21STATE DA charges are assessed on a flat rate per call, regardless of call duration. The Pricing Sheet contains the recurring and nonrecurring rates.
  - 3.5.2 AT&T-21STATE will provide DA Services to CLEC End Users where available and technically feasible to AT&T-21STATE End Users served in accordance with DA Services methods and practices that are in effect

at the time CLEC End User makes a DA call. AT&T-21STATE will provide the following DA services to a CLEC End User:

- 3.5.2.1 Local Directory Assistance Consists of providing published name and telephone number.
- 3.5.2.2 <u>Directory Assistance Call Completion (DACC)</u> A service in which a local or an intraLATA call to the requested number is completed.
- 3.5.2.3 <u>National Directory Assistance (NDA)</u> A service whereby callers may request published name and telephone number outside their LATA or local calling area for any listed telephone number in the United States.
- 3.5.2.4 <u>Reverse Directory Assistance (RDA)</u> Consists of providing listed local and national name and address information associated with a telephone number.
- 3.5.2.5 <u>Business Category Search (BCS)</u> A service whereby callers may request business telephone number listings for a specified category of business, when the name of the business is not known. Telephone numbers may be requested for local and national businesses.
- 3.6 OS/DA Non-recurring Charges for Loading Automated Call Greeting (i.e., Brand Announcement), Rates and Reference Information:
  - 3.6.1 CLEC End Users will hear silence upon connecting with the OS/DA switch. As an alternative to silence, CLEC may custom brand for which custom brand charges will apply.
    - 3.6.1.1 CLEC will provide announcement phrase information, via Operator Services Translations Questionnaire (OSTQ), to AT&T-21STATE in conformity with the format, length, and other requirements specified for all CLECs on the AT&T CLEC Online website.
    - 3.6.1.2 AT&T-21STATE will then perform all of the loading and testing of the announcement for each applicable OS/DA switch prior to live traffic. CLEC may also change its pre-recorded announcement at any time by providing a new announcement phrase in the same manner. CLEC will be responsible for paying subsequent loading and testing charges.
    - 3.6.1.3 CLEC understands that End Users may not perceive silent announcements as ordinary mechanical handling of OS/DA calls.
    - 3.6.1.4 CLEC agrees that if it does not brand the call, CLEC shall indemnify and hold AT&T-21STATE harmless from any regulatory violation, consumer complaint, or other sanction for failing to identify the OS/DA provider to the dialing End User.
  - 3.6.2 AT&T-21STATE will be responsible for loading the CLEC provided recording into all applicable OS and/or DA switches prior to live traffic, testing the announcement for sound quality at parity with that provided to AT&T-21STATE End Users. CLEC will be responsible for paying the initial recording announcement loading charges, and thereafter, the per-call charge as well as any subsequent loading charges if new recordings or silent announcements are provided as specified above.
  - 3.6.3 Branding load charges are assessed per loaded recording, per OCN, per switch. For example, a CLEC Reseller may choose to brand under a different name than its facilities-based operations, and therefore two separate recordings could be loaded into each switch, each incurring the branding or silent load charge. These charges are mandatory, nonrecurring, and are found in the Pricing Sheet.
  - 3.6.4 Where Consolidated Reference Rater ("CRR") is available and technically feasible, the applicable CLECcharged retail OS/DA rates and a CLEC-provided contact number (e.g., reference to a CLEC business office or repair center) are loaded into the system utilized by the OS operator.
  - 3.6.5 Where CRR is available and technically feasible, AT&T-21STATE will be responsible for loading the CLECprovided OS/DA retail rates and the CLEC provided contact number(s) into the OS/DA switches. CLEC will be responsible for paying the initial reference and rate loading charges.

- 3.6.6 CRR load charges are assessed per loaded set of rates/references, where CRR is available and technically feasible, per OCN, per state. For example, a CLEC reseller may choose to rate differently than its Facilities-Based CLEC operations, or may change its rates/references during the life of the contract, and therefore separate sets of rates/references could be loaded for each OCN, per state, with each loading incurring the rate/reference charge. These charges are mandatory, nonrecurring and are found in the Pricing Sheet.
- 3.6.7 Converting End Users from prior branded service to CLEC or silent-branded service, or between Resale and facilities-based service:
  - 3.6.7.1 To the extent that CLEC has already established the branding/silent announcement recording in AT&T-21STATE OS/DA switches for both Resale and facilities-based service, then no non-recurring charges apply to the conversion of End Users from prior Resale OS/DA wholesale service to facilities-based OS/DA wholesale service, or vice versa.
  - 3.6.7.2 To the extent that CLEC has not established the branding announcement recording in AT&T-21STATE OS/DA switches for Resale and/or facilities-based service, then non-recurring charges apply to set up the OS/DA call for the new type of service, as is described in Section 3.6 above, and at the rates set forth in the Pricing Sheet.

#### 4.0 <u>LISTINGS</u>

- 4.1 General Provisions:
  - 4.1.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of listings, AT&T-21STATE will make available to CLEC, for CLEC End Users, non-discriminatory access to listings, as described herein.
  - 4.1.2 AT&T-21STATE will meet state requirements to make available listings through itself or a contracted vendor to provide listings for its ILEC Territory, as defined in the General Terms and Conditions of this Agreement.
- 4.2 Responsibilities of the Parties:
  - 4.2.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE will include in appropriate white pages directories the primary alphabetical listings of CLEC End Users located within the AT&T-21STATE ILEC Territory. When CLEC provides its subscriber listing information to AT&T-21STATE listings database, CLEC will receive for its End User, one primary listing in AT&T-21STATE white pages directory and a listing in AT&T-21STATE's DA database at no charge, other than applicable service order charges as set forth in the Pricing Sheet.
    - 4.2.1.1 Except in the case of a Local Service Request (LSR) submitted solely to port a number from AT&T SOUTHEAST REGION 9-STATE, if such listing is requested on the initial LSR associated with the request for services, a single manual service order charge or electronic service order charge, as appropriate, will apply to both the request for service and the request for the directory listing. Where a subsequent LSR is placed solely to request a directory listing, or is placed to port a number and request a directory listing, separate service order charges as set forth in AT&T-21STATE's tariffs shall apply, as well as the manual service order charge or the electronic service order charge, as appropriate.
    - 4.2.1.2 Listing Information Confidentiality:
      - 4.2.1.2.1 AT&T-21STATE will afford CLEC's directory listing information the same level of confidentiality that AT&T-21STATE affords its own directory listing information.
    - 4.2.1.3 Unlisted/Non-Published End Users:
      - 4.2.1.3.1 CLEC will provide to AT&T-21STATE the names, addresses and telephone numbers of all CLEC End Users who wish to be omitted from directories. Non-listed/Non-Published listings will be subject to the rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings.

- 4.2.1.4 Additional Listings:
  - 4.2.1.4.1 Where a CLEC End User requires listings in addition to the primary listing to appear in the white pages directory, AT&T-21STATE will offer such listings at rates as set forth in AT&T-21STATE's tariffs and/or service guidebooks. AT&T-21STATE does not provide a resale discount for any listings. CLEC shall furnish to AT&T-21STATE subscriber listing information pertaining to CLEC End Users located within the AT&T-21STATE ILEC Territory, along with such additional information as AT&T-21STATE may be required to include in the alphabetical listings of said directory. CLEC shall refer to the AT&T CLEC Online website for methods, procedures and ordering information.
- 4.2.2 CLEC will provide accurate subscriber listing information of its subscribers to AT&T-21STATE via a mechanized feed of the directory listing information to AT&T-21STATE's Directory Listing database. CLEC agrees to submit all listing information via a mechanized process within six (6) months of the Effective Date of this Agreement, or upon CLEC reaching a volume of two hundred (200) listing updates per day, whichever comes first. CLEC's subscriber listings will be interfiled (interspersed) in the directory among AT&T-21STATE's subscriber listing information. CLEC will submit listing information within one (1) business day of installation, disconnection or other change in service (including change of non-listed or non-published status) affecting the DA database or the directory listing of a CLEC End User. CLEC must submit all listing information intended for publication by the directory close (a/k/a last listing activity) date.
- 4.2.3 Distribution of Directories:
  - 4.2.3.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, each CLEC subscriber may receive one copy per primary End User listing, as provided by CLEC, of the appropriate AT&T-21STATE white pages directory in the same manner, format and at the same time that they are delivered to AT&T-21STATE's subscribers.
- 4.2.4 AT&T-21STATE shall direct its publishing vendor to offer CLEC the opportunity to include in the "Information Pages", or comparable section of its white pages directories (covering the territory where CLEC is certified to provide local service), information provided by CLEC for CLEC installation, repair, customer service and billing information.
- 4.2.5 Use of Subscriber Listing Information:
  - 4.2.5.1 Subject to AT&T-21STATE's practices, as well as the rules and regulations applicable to the provision of white page directories, AT&T-21STATE agrees to serve as the single point of contact for all independent and Third Party directory publishers who seek to include CLEC's subscriber (i.e., End User) listing information in an area directory, and to handle the CLEC's subscriber listing information in the same manner as AT&T-21STATE's subscriber listing information. In exchange for AT&T-21STATE serving as the single point of contact and handling all subscriber listing information equally, CLEC authorizes AT&T-21STATE to include and use the CLEC subscriber listing information provided to AT&T-21STATE DA databases, and to provide CLEC subscriber listing information to directory publishers. Included in this authorization is release of CLEC listings to requesting competing carriers as required by Section 271(c)(2)(B)(vii)(II) and Section 251(b)(3) and any applicable state regulations and orders. Also included in this authorization is AT&T-21STATE's USA or CLEC's subscriber listing information is AT&T-21STATE's and orders. Also included in this authorization is AT&T-21STATE's USA, DA related products and services, and directory publishing products and services.
  - 4.2.5.2 AT&T-21STATE further agrees not to charge CLEC for serving as the single point of contact with independent and Third Party directory publishers, no matter what number or type of requests are fielded. In exchange for the handling of CLEC's subscriber list information to directory publishers, CLEC agrees that it will receive no compensation for AT&T-21STATE's receipt of the subscriber list information or for the subsequent release of this information to directory publishers. Such CLEC subscriber list information shall be interfiled (interspersed) with AT&T-21STATE's subscriber

list information and the subscriber list information of other companies that have authorized a similar release of their subscriber list information by AT&T-21STATE.

- 4.2.6 CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates as a result of CLEC not complying with the terms of this Attachment.
- 4.2.7 This Attachment shall not establish, be interpreted as establishing, or be used by either Party to establish or to represent their relationship as any form of agency, partnership or joint venture.
- 4.2.8 Breach of Contract:
  - 4.2.8.1 If either Party is found to have materially breached the Listings terms of this Attachment, the nonbreaching Party may terminate the Listings terms of this Attachment by providing written Notice to the breaching Party, whereupon this Attachment shall be null and void with respect to any issue of white pages directory published sixty (60) or more calendar days after the date of receipt of such written Notice. CLEC further agrees to pay all costs incurred by AT&T-21STATE and/or its Affiliates and vendor as a result of such CLEC breach.
- 4.2.9 General Conditions for Listings:
  - 4.2.9.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any Listings Service offerings that are provided under this Attachment on ninety (90) days' written notice in the form of an Accessible Letter.
  - 4.2.9.2 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of Listings products and/or services to CLEC End Users under this Section.

#### 5.0 <u>GENERAL CONDITIONS FOR OPERATOR SERVICES (OS), DIRECTORY ASSISTANCE (DA)</u>

- 5.1 Notwithstanding the foregoing, AT&T-21STATE reserves the right to suspend, modify or terminate, without penalty, any OS and/or DA feature of Service(s) offerings that are provided under this Attachment on one hundred eighty (180) days' written notice in the form of an Accessible Letter.
- 5.2 Termination:
  - 5.2.1 If the CLEC terminates OS and/or DA service prior to the expiration of the term of this Agreement, CLEC shall pay AT&T-21STATE, within thirty (30) calendar days of the issuance of any bills by AT&T-21STATE, all amounts due for actual services provided under this Attachment, plus estimated monthly charges for the remainder of the term. Estimated charges will be based on an average of the actual monthly amounts billed by AT&T-21STATE pursuant to this Attachment prior to its termination. The rates applicable for determining the amount(s) under the terms outlined in this Section are those specified in the Pricing Sheet.
- 5.3 CLEC shall be solely responsible for any and all legal or regulatory requirements for the modification or discontinuance of OS and/or DA products/services to CLEC End Users under this Attachment.

#### 6.0 <u>TERMINATION – ENTIRE ATTACHMENT 06 – OPERATOR ASSISTANCE AND DIRECTORY</u> <u>ASSISTANCE SERVICES</u>

6.1 The Parties reserve the right to suspend or terminate, without penalty, this Attachment in its entirety on one hundred eighty (180) days' written notice. The Attachment will be coterminous with the ICA or will continue until the Party desiring to terminate this Attachment provides one hundred eighty (180) days' written Notice to the other Party of the date the Attachment will terminate ("Termination Date"), whichever date is earlier.

| Attachment | State | Product  | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                 |
|------------|-------|--|---|------------------------|-------|------|--------------------------------------|--|---|--------------------------|
| 2MR-AT     | AL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective through 6/30/17)   |                        |       |      | 0.0007                               |  |   | MOU                      |
| 2MR-AT     | AL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)   |                        |       |      | 0.00bk                               |  |   | MOU                      |
| 2MR-AT     | AL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)  |                        |       |      | 0.0000023                            |  |   | MILE/MOU                 |
| 2MR-AT     | AL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Per Mile, Per MOU (Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MILE/MOU                 |
| 2MR-AT     | AL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)  |                        |       |      | 0.0003224                            |  |   | MOU                      |
| 2MR-AT     |       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MOU                      |
| 6          |       | DIRECTORY DELIVERY   | Each subscriber will receive one (1) copy per primary<br>End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual<br>delivery of newly published directories. |                        |       |      | 0.000K                               |  |   | primary End User         |
| 6          | AL    | BRANDING - DIRECTORY ASSISTANCE                                  | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement   | AMT                    | CBADA |      |                                      | 3,000.00                                   | 3,000.00  | announcement             |
| 6          |       | BRANDING - DIRECTORY ASSISTANCE                                  | Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN  | AMT                    | CBADA |      |                                      | 1,170.00                                   | , i   | per Switch per OCN       |
| 6          | AL    | DIRECTORY ASSISTANCE SERVICES                                    | Directory Assistance Access Service Calls, Charge Per<br>Call   |                        |       |      | 0.31                                 |  |   | call                     |
| 6          | AL    | DIRECTORY ASSISTANCE SERVICES                                    | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt   |                        |       |      | 0.10                                 |  |   | Call Attempt             |
| 6          | AL    | BRANDING - DIRECTORY ASSISTANCE                                  | Directory Assistance - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN        |
| 6          | AL    | BRANDING - DIRECTORY ASSISTANCE<br>DIRECTORY ASSISTANCE DATABASE | Directory Assistance - Rate Reference Subsequent<br>Load per state per OCN<br>Directory Assistance Database Service (DADS) - Initial  |                        |       |      |                                      |  | 1,500.00  | per state per OCN        |
| 6          | AL    | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                  | Load, per listing<br>Directory Assistance Database Service (DADS) - Initial<br>Directory Assistance Database Service (DADS) -   |                        |       |      |                                      | 0.04                                       |   | listing                  |
| 6          | AL    | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                  | Update, per listing<br>Directory Assistance Database Service (DADS) -   |                        |       |      | 0.04                                 |  |   | listing                  |
| 6          |       | SERVICE (DADS)<br>BRANDING - OPERATOR CALL                       | Monthly Recurring Fee<br>Facility based CLEC - Recording of Custom Branded  |                        |       |      | 150.00                               |  |   |                          |
| 6          | AL    | PROCESSING   | OA Announcement   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  |                          |
| 6          | AL    | BRANDING - OPERATOR CALL<br>PROCESSING                           | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per shelf/NAV per OCN  | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per shelf/NAV per<br>OCN |
| 6          | AL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using BST LIDB   |                        |       |      | 1.20                                 |  |   | Minute                   |
| 6          | AL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using Foreign LIDB   |                        |       |      | 1.24                                 |  |   | Minute                   |
| 6          | AL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB   |                        |       |      | 0.20                                 |  |   | call                     |
| 6          |       | OPERATOR CALL PROCESSING   | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB   |                        |       |      | 0.20                                 |  |   | call                     |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING                           | Operator Services - Rate Reference Initial Load per<br>state per OCN  |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN        |
| 6          | AL    | BRANDING - OPERATOR CALL<br>PROCESSING                           | Operator Services - Rate Reference Subsequent Load<br>per state per OCN   |                        |       |      |                                      |  | 1,500.00  | per state per OCN        |
| 6          | AL    | BRANDING - DIRECTORY ASSISTANCE                                  | Wholesale CLEC - Recording of DA Custom Branded<br>Announcement   |                        |       |      |                                      | 3,000.00                                   | 3,000.00  |                          |
| 6          | AL    | BRANDING - DIRECTORY ASSISTANCE                                  | Wholesale CLEC - Loading of DA Custom Branded<br>Announcement per Switch per OCN  |                        |       |      |                                      | 1,170.00                                   | 1 170 00  | per Switch per OCN       |

Pricing Sheet Exhibit C

|            | State | Destant                  | Data Element Description                            |                        | 11500 | 7    |              | Non-<br>Recurring<br>Charge (NRC) |            | Declinit           |
|------------|-------|--------------------------|---|------------------------|-------|------|--------------|-----------------------------------|------------|--------------------|
| Attachment | State | Product                  | Rate Element Description                            | COS (Class of Service) | USOC  | Zone | Charge (MRC) | First                             | Additional | Per Unit           |
| 6          |       |                          | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |       |      |              | 400.00                            | 100.00     | OCN                |
| 6          | AL    |                          | DA per OCN (1 OCN per Order)                        |                        |       |      |              | 420.00                            | 420.00     | UCN                |
|            |       |                          | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |       |      |              |                                   |            |                    |
| 6          | AL    |                          | DA per Switch per OCN                               |                        |       |      |              | 16.00                             | 16.00      | per Switch per OCN |
|            |       | BRANDING - OPERATOR CALL | Wholesale CLEC - Recording of Custom Branded OA     |                        |       |      |              |                                   |            |                    |
| 6          | AL    | PROCESSING               | Announcement  |                        |       |      |              | 7,000.00                          | 7,000.00   |                    |
|            |       | BRANDING - OPERATOR CALL | Wholesale CLEC - Loading of Custom Branded OA       |                        |       |      |              |                                   |            | per shelf/NAV per  |
| 6          | AL    | PROCESSING               | Announcement per shelf/NAV per OCN                  |                        |       |      |              | 500.00                            | 500.00     | OCN                |
|            |       | BRANDING - OPERATOR CALL | Wholesale CLEC - Unbranding via OLNS - Loading of   |                        |       |      |              |                                   |            |                    |
| 6          | AL    | PROCESSING               | OA per OCN (Regional)                               |                        |       |      |              | 1,200.00                          | 1,200.00   | OCN                |
|            |       | BRANDING - OPERATOR CALL | Wholesale CLEC - Loading of OA Custom Branded       |                        |       |      |              |                                   |            |                    |
| 6          | AL    |                          | Announcement per Switch per OCN                     |                        |       |      |              | 1,170.00                          | 1,170.00   | per Switch per OCN |

|            |       |  |  |                        |                |      |                                       | Non-            | Non-       |                     |
|------------|-------|--|--|------------------------|----------------|------|---------------------------------------|-----------------|------------|---------------------|
|            |       |  |  |                        |                |      | Monthly                               |                 | Recurring  |                     |
|            |       |  |  |                        |                | _    | Recurring                             | Charge (NRC) Ch |            |                     |
| Attachment | State | Product  | Rate Element Description   | COS (Class of Service) | USOC           | Zone | Charge (MRC)                          | First /         | Additional | Per Unit            |
|            |       | LOCAL INTERCONNECTION (CALL                              | Rate for All ISP-Bound and section 251(b)(5) Traffic as                                |                        |                |      |                                       |                 |            |                     |
| 2MR-AT     | AR    | TRANSPORT AND TERMINATION)                               | per FCC 01-131, per MOU (Effective through 6/30/17)                                    |                        | ZZUR2          |      | \$ 0.0007                             |                 |            | MOU                 |
|            |       | LOCAL INTERCONNECTION (CALL                              | Rate for all ISP-Bound and Section 251(b)(5) Traffic as                                |                        |                |      |                                       |                 |            |                     |
| 2MR-AT     | AR    | TRANSPORT AND TERMINATION)                               | per FCC-01-131, per MOU (Effective 7/01/17)  |                        | ZZUR2          |      | \$0.00                                |                 |            | MOU                 |
|            |       | LOCAL INTERCONNECTION (CALL                              | Optional EAS Transport and Termination per MOU   |                        | 771100         |      | • • • • • • • • • • • • • • • • • • • |                 |            | MOU                 |
| 2MR-AT     | AR    | TRANSPORT AND TERMINATION)                               | (Effective 7/1/2015 – 6/30/2016)<br>Optional EAS Transport and Termination per MOU     |                        | ZZUR2          |      | \$ 0.0058000                          |                 |            | MOU                 |
| 2MR-AT     | AR    | TRANSPORT AND TERMINATION)                               | (Effective 7/1/2016 – 6/30/2017)   |                        | ZZUR2          |      | \$ 0.0007                             |                 |            | MOU                 |
| 2000701    | 7.0.0 | LOCAL INTERCONNECTION (CALL                              | Optional EAS Transport and Termination per MOU   |                        | LLOILL         |      | φ 0.0001                              |                 |            | moo                 |
| 2MR-AT     | AR    | TRANSPORT AND TERMINATION)                               | (Effective 7/1/2017)   |                        | ZZUR2          |      | \$0.00                                |                 |            | MOU                 |
| 2MR-AT     | AR    | Transit Traffic Service                                  | Transit Rate per Minute of Use - Zone 3  |                        | ZZUTN          | 3    | \$ 0.002137                           | NA              |            | per minute of use   |
| 2MR-AT     |       | Transit Traffic Service                                  | Transit Rate per Minute of Use - Zone 2  |                        | ZZUTN          | 2    | \$ 0.002152                           | NA              | NA         |                     |
| 2MR-AT     | AR    | Transit Traffic Service                                  | Transit Rate per Minute of Use - Zone 1  |                        | ZZUTN          | 1    | \$ 0.002251                           | NA              | NA         |                     |
| 2MR-AT     | AR    | Transit Traffic Service<br>DIRECTORY ASSISTANCE SERVICES | Transiting OCA - Optional Area   |                        | ZZUO3          |      | \$ 0.004000                           | NA<br>NA        | NA         |                     |
| 6<br>6     |       | DIRECTORY ASSISTANCE SERVICES                            | Directory Assistance (DA) - per call<br>Directory Assistance (DA) - per call - credit  |                        | ZZU03<br>ZZU04 |      | \$ 0.40<br>\$ 0.40                    | NA              | NA<br>NA   |                     |
| 0          |       | DIRECTORT ASSISTANCE SERVICES                            | Directory Assistance (DA) - per can - credit   |                        | 22004          |      | \$ 0.40                               |                 | 11/1       | per call            |
| 6          | AR    | DIRECTORY ASSISTANCE SERVICES                            | Directory Assistance Call Completion (DACC) - per call                                 |                        | ZZUO7          |      | \$ 0.15                               | NA              | NA         | per call            |
| 6          | AR    | DIRECTORY ASSISTANCE SERVICES                            | National Directory Assistance (NDA) per call   |                        | ZZUO5          |      | \$ 0.65                               | NA              | NA         |                     |
| 6          | AR    | DIRECTORY ASSISTANCE SERVICES                            | National Directory Assistance (NDA) per call - credit                                  |                        | ZZUO6          |      | \$ 0.65                               | NA              | NA         | per call            |
| 6          | AR    | DIRECTORY ASSISTANCE SERVICES                            | Business Category Search (BCS) per call  |                        | ZZUOB          |      | \$ 0.65                               | NA              | NA         |                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES                            | Reverse Directory Assistance (RDA) per call  |                        | ZZUO8          |      | \$ 0.65                               | NA              | NA         |                     |
| 6          | AR    | DIRECTORY ASSISTANCE SERVICES                            | Reverse Directory Assistance (RDA) per call - credit                                   |                        | ZZUO9          |      | \$ 0.65                               | NA              | NA         | per call            |
| 6          | AR    | BRANDING - DIRECTORY ASSISTANCE                          | Directory Assistance - Branding - Initial/Subsequent<br>Load - per OCN, per switch     |                        | NRBDG          |      | NA                                    | ¢ 1 200 00 ¢    | 1 900 00   | per OCN, per switch |
| 0          | AN    | BRANDING - DIRECTORT ASSISTANCE                          |  |                        | INKBDG         |      | NA NA                                 | φ 1,600.00 φ    | 1,000.00   | per OCN, per switch |
| 6          | AR    | BRANDING - DIRECTORY ASSISTANCE                          | Directory Assistance - Branding - per call   |                        | ZZUCB          |      | \$ 0.030                              | NA              | NA         | per call            |
|            |       |  | Directory Assistance - Rate Reference Initial Load - per                               |                        |                |      |                                       |                 |            | •                   |
| 6          | AR    | BRANDING - DIRECTORY ASSISTANCE                          | state, per OCN   |                        | NRBDL          |      | NA                                    | \$ 5,000.00     | NA         | per state, per OCN  |
|            |       |  | Directory Assistance - Rate Reference Subsequent                                       |                        |                |      |                                       |                 |            |                     |
| 6          | AR    | BRANDING - DIRECTORY ASSISTANCE                          | Load - per state, per OCN  |                        | NRBDM          |      | NA                                    | \$ 1,500.00     | NA         | per state, per OCN  |
| 6          | AR    | DIRECTORY ASSISTANCE LISTINGS                            | Directory Assistance Listings (DAL)-Initial Load, per<br>listing                       |                        |                |      | NA                                    | \$ 0.0585       | NA         | per listing         |
| 0          | АК    | DIRECTORT ASSISTANCE LISTINGS                            | lisung   |                        |                |      | NA                                    | φ 0.0000        | INA        | per listing         |
| 6          | AR    | DIRECTORY ASSISTANCE LISTINGS                            | Directory Assistance Listings (DAL)-Update, per listing                                |                        |                |      | \$ 0.0585                             | NA              | NA         | per listing         |
| •          | 7.0.0 |  | Directory Assistance Listings (DAL)-Non-Pub  |                        |                |      | ¢ 0.0000                              |                 |            | por noung           |
| 6          | AR    | DIRECTORY ASSISTANCE LISTINGS                            | Emergency Message Service  |                        |                |      | \$ 2.10                               | NA              | NA         | per listing         |
| 6          | AR    | DIRECTORY LISTING PRODUCT                                | White Page Directory Listings  |                        |                |      |                                       | NA              | NA         |                     |
| 6          | AR    | DIRECTORY LISTING PRODUCT                                | Non Published/Non List Directory Listings  |                        |                |      |                                       | NA              | NA         |                     |
| 0          |       |  | Operated Services - Fully Automated Call Processing                                    |                        | 771104         |      | <b>•</b> • • • • •                    |                 |            | per completed       |
| 6          | AR    | OPERATOR CALL PROCESSING                                 | (Per completed automated call)<br>Operator Assisted Call Processing All Types per work |                        | ZZUO1          |      | \$ 0.15                               | NA              | NA         | automated call      |
| 6          | AR    | OPERATOR CALL PROCESSING                                 | second   |                        | ZZUO2          |      | \$ 0.030                              | NA              | NA         | per work second     |
| 0          | 711   | BRANDING - OPERATOR CALL                                 | Operator Services - Branding - Initial/Subsequent Load -                               |                        | 22002          | +    | ψ 0.000                               |                 |            |                     |
| 6          | AR    | PROCESSING   | per OCN, per switch  |                        | NRBDG          |      | NA                                    | \$ 1,800.00 \$  | 1,800.00   | per state per OCN   |
|            |       | BRANDING - OPERATOR CALL                                 |  |                        |                |      |                                       |                 |            |                     |
| 6          | AR    | PROCESSING   | Operator Services - Branding - per call  |                        | ZZUCB          |      | \$ 0.030                              | NA              | NA         | per call            |
| -          |       | BRANDING - OPERATOR CALL                                 | Operator Services - Rate Reference Initial Load - per                                  |                        |                |      |                                       |                 |            |                     |
| 6          | AR    | PROCESSING<br>BRANDING - OPERATOR CALL                   | state, per OCN<br>Operator Services - Rate Reference Subsequent Load -                 |                        | NRBDL          |      | NA                                    | \$ 5,000.00     | NA         | per state per OCN   |
| 6          | AR    | PROCESSING   | per state, per OCN   |                        | NRBDM          |      | NA                                    | \$ 1,500.00     | NA         | per state per OCN   |
| υ          | лк    | OTHER RESALE - DIRECTORY                                 | איז  |                        |                | -    | INA                                   | ψ 1,300.00      | NA         | per state per OON   |
| 6          | AR    | ASSISTANCE/OPERATOR SERVICES                             | Directory Assistance Services  |                        |                |      | 14.50%                                | NA              | NA         |                     |
|            |       | OTHER RESALE - DIRECTORY                                 |  |                        |                |      |                                       |                 |            |                     |
| 6          | AR    | ASSISTANCE/OPERATOR SERVICES                             | Local Operator Assistance Service  |                        |                |      | 14.50%                                | NA              | NA         |                     |

| Attackment | Chatta | Deschurt  | Dete Floward Description  | COD (Class of Damias)  | 11500  | 7    | Monthly<br>Recurring |            | Non-<br>Recurring<br>) Charge (NRC) |                     |
|------------|--------|---|---|------------------------|--------|------|----------------------|------------|-------------------------------------|---------------------|
| Attachment | State  | Product   | Rate Element Description Rate for All ISP-Bound Traffic and Section 251(b)(5)                     | COS (Class of Service) | USOC   | Zone | Charge (MRC)         | First      | Additional                          | Per Unit            |
| 2MR-AT     | СА     | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)                                    | L1T++                  | GOC00  |      | \$ 0.000700          |            |                                     | моц                 |
| ZIMICAT    |        | LOCAL INTERCONNECTION (CALL                               | Rate for all ISP-Bound and Section 251(b)(5) Traffic as   | Entri                  | 00000  |      | φ 0.000700           |            |                                     | WOO                 |
| 2MR-AT     |        | TRANSPORT AND TERMINATION)                                | per FCC-01-131, per MOU (Effective 7/01/17)   | L1T++                  | GOC00  |      | \$0.00               |            |                                     | MOU                 |
| 2MR-AT     |        | TRANSIT TRAFFIC SERVICE                                   | CALL SET UP - Setup Charge Per Call   | L1T++                  | GMC00  |      | \$0.001130           |            |                                     | per call            |
| 2MR-AT     |        | TRANSIT TRAFFIC SERVICE                                   | CALL DURATION - Duration Charge per MOU   | L1T++                  | GMD00  |      | \$0.002770           |            |                                     | MOU                 |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | Directory Assistance Rate, per call   |                        |        |      | \$ 0.40              |            |                                     | call                |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | National Directory Assistance (NDA), per call   |                        |        |      | \$ 0.65              |            |                                     | call                |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | Reverse Directory Assistance (RDA), per call  |                        |        |      | \$ 0.65              |            |                                     | call                |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | Business Category Search (BCS), per call  |                        |        |      | \$ 0.65              |            |                                     | call                |
|            |        |   | Express Call Completion/Directory Assistance Call   |                        |        |      |                      |            |                                     |                     |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | Completion (DACC) - Rate per call   |                        |        |      | \$ 0.15              |            |                                     | call                |
|            |        |   | Express Call Completion/Directory Assistance Call   |                        |        |      |                      |            |                                     |                     |
|            |        |   | Completion (DACC) - Call Completion LATA Wide - Per   |                        |        |      |                      |            |                                     |                     |
| 6          | CA     | DIRECTORY ASSISTANCE SERVICES                             | MOU   |                        |        |      | \$ 0.00436           |            |                                     | MOU                 |
|            |        |   | Branding - Other - Initial/Subsequent Load, per switch,   |                        |        |      |                      |            |                                     |                     |
| 6          | CA     | BRANDING - DIRECTORY ASSISTANCE                           | per OCN   | OPS++                  | BRAND  |      | NA                   | \$ 1,800.0 | 0 \$ 1,800.00                       | per switch, per OCN |
|            |        |   |   |                        |        |      |                      |            |                                     |                     |
| 6          | CA     | BRANDING - DIRECTORY ASSISTANCE                           | Branding and Reference/Rate Look Up, per OS/DA Call   |                        |        |      | \$ 0.03              |            |                                     | OS/DA call          |
| -          |        |   |   |                        |        |      |                      |            | _                                   |                     |
| 6          | CA     | BRANDING - DIRECTORY ASSISTANCE                           | Rate Reference - Initial Load, per state, per OCN   |                        |        |      | NA                   | \$ 5,000.0 | 0                                   | OCN                 |
| 6          |        | BRANDING - DIRECTORY ASSISTANCE                           | Rate Reference - Subsequent Load, per state, per OCN  |                        |        |      | NA                   |            | \$ 1,500.00                         | OCN                 |
|            |        | BRANDING - OPERATOR CALL                                  | Branding - Other - Initial/Subsequent Load, per switch,   |                        |        |      |                      |            |                                     |                     |
| 6          |        | PROCESSING  | per OCN   | OPS++                  | BRAND  |      | NA                   | \$ 1,800.0 | 0 \$ 1,800.00                       | per switch, per OCN |
|            |        | BRANDING - OPERATOR CALL                                  |   |                        |        |      |                      |            |                                     |                     |
| 6          |        | PROCESSING  | Branding and Reference/Rate Look Up, per OS/DA Call   |                        |        |      | \$ 0.03              |            |                                     | OS/DA call          |
| -          |        | BRANDING - OPERATOR CALL                                  |   |                        |        |      |                      |            | _                                   |                     |
| 6          |        | PROCESSING  | Rate Reference - Initial Load, per state, per OCN   |                        |        |      | NA                   | \$ 5,000.0 | 0                                   | OCN                 |
| 0          |        | BRANDING - OPERATOR CALL                                  |   |                        |        |      |                      |            | ¢ 1 500.00                          | 001                 |
| 6          |        | PROCESSING<br>OPERATOR CALL PROCESSING                    | Rate Reference - Subsequent Load, per state, per OCN<br>Fully Automated Call Processing, per call |                        |        |      | NA                   |            | \$ 1,500.00                         |                     |
| 6          | CA     | OPERATOR CALL PROCESSING                                  | Fully Automated Call Processing, per call<br>Fully Automated Call Processing - Call Completion    |                        |        |      | \$ 0.15              |            |                                     | call                |
| 6          | CA     | OPERATOR CALL PROCESSING                                  | LATA Wide - Per MOU   |                        |        |      | \$ 0.00436           |            |                                     | MOU                 |
| 0          | CA     | OPERATOR CALL PROCESSING                                  | Operator - Assisted Call Processing - All Types, per  |                        |        |      |                      |            |                                     | WIOU                |
| 6          | CA     | OPERATOR CALL PROCESSING                                  | work second   |                        |        |      | \$ 0.03              |            |                                     | work second         |
| U          | UA     | OF LINATON GALL PROCESSING                                | Operator - Assisted Call Processing - All Types - Call  |                        | +      | +    | ψ 0.03               | 1          |                                     | WUIK SECULIU        |
| 6          | CA     | OPERATOR CALL PROCESSING                                  | Completion LATA Wide - Per MOU  |                        |        |      | \$ 0.00436           |            |                                     | MOU                 |
| 6          |        | DIRECTORY ASSISTANCE SERVICES                             | Trunk Installation per trunk  | OPS++                  | TPP6X  |      | +                    | \$ 500.0   | 0 \$ 184.00                         |                     |
| 6          |        | DIRECTORY ASSISTANCE SERVICES                             | Trunk Installation per trunk  | OPS++                  | TPP9X  |      |                      | \$ 500.0   |                                     |                     |
| 6          |        | DIRECTORY ASSISTANCE SERVICES                             | DAL   | 0.011                  | 111.3/ |      |                      | 500.00     |                                     |                     |
| б          | CA     | DIRECTORY ASSISTANCE SERVICES                             | DAL   |                        | 1      |      | 1                    | N/         | A NA                                | <u> </u>            |

| Attachment | State | Product  | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                    |
|------------|-------|--|---|------------------------|-------|------|--------------------------------------|--|---|-----------------------------|
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective through 6/30/17)   |                        |       |      | 0.0007                               |  |   | MOU                         |
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)   |                        |       |      | 0.00bk                               |  |   | MOU                         |
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)  |                        |       |      | 0.0000035                            |  |   | MILE/MOU                    |
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Per Mile, Per MOU (Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MILE/MOU                    |
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)  |                        |       |      | 0.0004372                            |  |   | MOU                         |
| 2MR-AT     | FL    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)        | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MOU                         |
| 6          |       | DIRECTORY DELIVERY   | Each subscriber will receive one (1) copy per primary<br>End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual<br>delivery of newly published directories. |                        |       |      |                                      |  |   | primary End User<br>listing |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE                                  | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement   | AMT                    | CBADA |      |                                      | 3,000.00                                   | 3,000.00  | announcement                |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE                                  | Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN  | AMT                    | CBADC |      |                                      | 1,170.00                                   | 1,170.00  | per Switch per OCN          |
| 6          | FL    | DIRECTORY ASSISTANCE SERVICES                                    | Directory Assistance Access Service Calls, Charge Per<br>Call   |                        |       |      | 0.31                                 |  |   | call                        |
| 6          | FL    | DIRECTORY ASSISTANCE SERVICES                                    | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt<br>Directory Assistance - Rate Reference Initial Load per   |                        |       |      | 0.10                                 |  |   | call attempt                |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE                                  | state per OCN<br>Directory Assistance - Rate Reference Subsequent   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN           |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE<br>DIRECTORY ASSISTANCE DATABASE | Load per state per OCN<br>Directory Assistance Database Service (DADS)-Initial  |                        |       |      |                                      |  | 1,500.00  | per state per OCN           |
| 6          | FL    | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                  | Load, per listing<br>Directory Assistance Database Service (DADS)-  |                        |       |      |                                      | 0.04                                       |   | listing                     |
| 6          | FL    | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                  | Update, per listing<br>Directory Assistance Database Service (DADS)-Monthly   |                        |       |      | 0.04                                 |  |   | listing                     |
| 6          |       | SERVICE (DADS)<br>BRANDING - OPERATOR CALL                       | Recurring Fee<br>Facility based CLEC - Recording of Custom Branded  |                        |       |      | 150.00                               |  |   |                             |
| 6          | FL    | PROCESSING<br>BRANDING - OPERATOR CALL                           | OA Announcement<br>Facility based CLEC - Loading of Custom Branded OA   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  |                             |
| 6          | FL    | PROCESSING   | Announcement per shelf/NAV per OCN  | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per shelf/NAV per<br>OCN    |
| 6          | FL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using BST LIDB   |                        |       |      | 1.20                                 |  |   | minute                      |
| 6          | FL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using Foreign LIDB   |                        |       |      | 1.24                                 |  |   | minute                      |
| 6          | FL    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB   |                        |       |      | 0.20                                 |  |   | call                        |
| 6          |       | OPERATOR CALL PROCESSING   | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB   |                        |       |      | 0.20                                 |  |   | call                        |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING                           | Operator Services - Rate Reference Initial Load per<br>state per OCN  |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN           |
| 6          | FL    | BRANDING - OPERATOR CALL<br>PROCESSING                           | Operator Services - Rate Reference Subsequent Load<br>per state per OCN   |                        |       |      |                                      |  | 1,500.00  | per state per OCN           |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE                                  | Wholesale CLEC - Recording of DA Custom Branded<br>Announcement   |                        |       |      |                                      | 3,000.00                                   | 3,000.00  | ļ                           |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE                                  | Wholesale CLEC - Loading of DA Custom Branded<br>Announcement per Switch per OCN  |                        |       |      |                                      | 1,170.00                                   | 1 170 00  | per Switch per OCN          |

Pricing Sheet Exhibit C

|            |       |                                 |   |                        |      |      | Monthly<br>Recurring | Non-<br>Recurring<br>Charge (NRC) | • • •      |                    |
|------------|-------|---------------------------------|---|------------------------|------|------|----------------------|-----------------------------------|------------|--------------------|
| Attachment | State |                                 | Rate Element Description                            | COS (Class of Service) | USOC | Zone | Charge (MRC)         | First                             | Additional | Per Unit           |
|            |       |                                 | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |      |      |                      |                                   |            |                    |
| 6          | FL    |                                 | DA per OCN (1 OCN per Order)                        |                        |      |      |                      | 420.00                            | 420.00     | OCN                |
|            |       |                                 | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |      |      |                      |                                   |            |                    |
| 6          | FL    | BRANDING - DIRECTORY ASSISTANCE | DA per Switch per OCN                               |                        |      |      |                      | 16.00                             | 16.00      | per Switch per OCN |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Recording of Custom Branded OA     |                        |      |      |                      |                                   |            |                    |
| 6          | FL    | PROCESSING                      | Announcement  |                        |      |      |                      | 7,000.00                          | 7,000.00   |                    |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Loading of Custom Branded OA       |                        |      |      |                      |                                   |            | per shelf/NAV per  |
| 6          | FL    | PROCESSING                      | Announcement per shelf/NAV per OCN                  |                        |      |      |                      | 500.00                            | 500.00     | OCN                |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Unbranding via OLNS - Loading of   |                        |      |      |                      |                                   |            |                    |
| 6          | FL    | PROCESSING                      | OA per OCN (Regional)                               |                        |      |      |                      | 1,200.00                          | 1,200.00   | OCN                |
|            |       |                                 | Wholesale CLEC - Loading of OA Custom Branded       |                        |      |      |                      |                                   | ,          |                    |
| 6          | FL    |                                 | Announcement per Switch per OCN                     |                        |      |      |                      | 1,170.00                          | 1,170.00   | per Switch per OCN |

| Attachment | State    | Product  | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                          |
|------------|----------|--|---|------------------------|-------|------|--------------------------------------|--|---|-----------------------------------|
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective through 6/30/17)   |                        |       |      | 0.0007                               |  |   | MOU                               |
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)   |                        |       |      | 0.00bk                               |  |   | MOU                               |
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)  |                        |       |      | 0.0000028                            |  |   | MILE/MOU                          |
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Per Mile, Per MOU (Effective<br>7/1/2018)  |                        |       |      | 0.00bk                               |  |   | MILE/MOU                          |
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)  |                        |       |      | 0.0001955                            |  |   | MOU                               |
| 2MR-AT     | GA       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MOU                               |
| 6          | GA       | DIRECTORY DELIVERY   | Each subscriber will receive one (1) copy per primary<br>End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual<br>delivery of newly published directories. |                        |       |      |                                      |  |   | primary End User<br>listing       |
|            |          |  | Facility Based CLEC - Recording and Provisioning of   |                        | 05454 |      |                                      |  |   |                                   |
| 6          | GA<br>GA | BRANDING - DIRECTORY ASSISTANCE<br>BRANDING - DIRECTORY ASSISTANCE               | DA Custom Branded Announcement<br>Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN  | AMT<br>AMT             | CBADA |      |                                      | 3,000.00                                   | 3,000.00  | announcement                      |
| 6          |          | DIRECTORY ASSISTANCE SERVICES  | Directory Assistance Access Service Calls, Charge Per<br>Call   | AMI                    | CBADC |      | 0.31                                 | 1,170.00                                   | 1,170.00  |                                   |
| 6          | GA       |  | National Directory Assistance, (NDA), Charge Per Call, where available  |                        |       |      |                                      |  |   | call                              |
| 6          | GA<br>GA | DIRECTORY ASSISTANCE SERVICES  | Reverse Directory Assistance, (RDA), Charge Per Call,<br>where available  |                        |       |      | 0.31                                 |  |   | call                              |
| 6          | GA       | DIRECTORY ASSISTANCE SERVICES  | Business Category Search, (BCS), Charge Per Call,<br>where available  |                        |       |      | 0.31                                 |  |   | call                              |
| 6          | GA       | DIRECTORY ASSISTANCE SERVICES  | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt   |                        |       |      | 0.10                                 |  |   | Call Attempt                      |
| 6          |          | BRANDING - DIRECTORY ASSISTANCE  | Directory Assistance - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN                 |
| 6          |          | BRANDING - DIRECTORY ASSISTANCE  | Directory Assistance - Rate Reference Subsequent<br>Load per state OCN  |                        |       |      |                                      |  | 1,500.00  | per state per OCN                 |
| 6          | GA       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE | Directory Assistance Database Service (DADS)-Initial<br>Load, per listing   |                        |       |      |                                      | 0.04                                       | ,   | listing                           |
| 6          | GA       | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                                  | Directory Assistance Database Service (DADS)-<br>Update, per listing<br>Directory Assistance Database Service (DADS)-Monthly  |                        |       |      | 0.04                                 |  |   | listing                           |
| 6          | GA       | SERVICE (DADS)<br>BRANDING - OPERATOR CALL                                       | Recurring Fee<br>Facility based CLEC - Recording of Custom Branded  |                        |       |      | 150.00                               |  |   |                                   |
| 6          | GA       | PROCESSING<br>BRANDING - OPERATOR CALL   | OA Announcement<br>Facility based CLEC - Loading of Custom Branded OA   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  | announcement<br>per shelf/NAV per |
| 6          | GA       | PROCESSING   | Announcement per shelf/NAV per OCN<br>Oper. Call Processing - Oper. Provided, Per Min   | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | OCN                               |
| 6          | GA       | OPERATOR CALL PROCESSING   | Using BST LIDB<br>Oper. Call Processing - Oper. Provided, Per Min   |                        |       |      | 1.20                                 |  |   | Minute                            |
| 6          | GA       | OPERATOR CALL PROCESSING   | Using Foreign LIDB<br>Oper. Call Processing - Fully Automated, per Call -   |                        |       |      | 1.24                                 |  |   | Minute                            |
| 6          | GA       | OPERATOR CALL PROCESSING   | Using BST LIDB<br>Oper. Call Processing - Fully Automated, per Call -   |                        |       |      | 0.20                                 |  |   | call                              |
| 6          | GA       | OPERATOR CALL PROCESSING   | Using Foreign LIDB  |                        |       |      | 0.20                                 |  |   | call                              |
| 6          | GA       | BRANDING - OPERATOR CALL<br>PROCESSING   | Operator Services - Rate Reference Initial Load per<br>state per OCN  |                        |       |      |                                      | 5.000.00                                   |   | per state per OCN                 |

Contract Id: 4912730

#### Pricing Sheet Exhibit C

|            |       |                          |  |                        |      |                   |       | Non-<br>Recurring<br>Charge (NRC) |                   |
|------------|-------|--------------------------|--|------------------------|------|-------------------|-------|-----------------------------------|-------------------|
| Attachment | State | Product                  | Rate Element Description                           | COS (Class of Service) | USOC | Zone Charge (MRC) | First | Additional                        | Per Unit          |
|            |       | BRANDING - OPERATOR CALL | Operator Services - Rate Reference Subsequent Load |                        |      |                   |       |                                   |                   |
| 6          | GA    | PROCESSING               | per state per OCN                                  |                        |      |                   |       | 1,500.00                          | per state per OCN |

| Attachment    | State | Product                                 | Rate Element Description   | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit            |
|---------------|-------|---|--|------------------------|-------|------|--------------------------------------|--|---|---------------------|
|               |       |   |  |                        |       |      |                                      |  |   |                     |
|               |       | LOCAL INTERCONNECTION (CALL             | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |       |      |                                      |  |   |                     |
| 2MR-AT        | IL    | TRANSPORT AND TERMINATION)              | per FCC-01-131, per MOU (Effective through 6/30/17)<br>Rate for all ISP-Bound and Section 251(b)(5) Traffic as | OHU                    | USG15 |      | 0.0007                               |  |   | MOU                 |
| 2MR-AT        |       | TRANSPORT AND TERMINATION)              | per FCC-01-131, per MOU (Effective 7/01/17)  | OHU                    | USG15 |      | \$0.00                               |  |   | MOU                 |
| 21VIR-A1<br>6 | IL    | DIRECTORY ASSISTANCE SERVICES           | Directory Assistance, per call   | XPU                    | OPEN  |      | \$0.00                               | NA   |   | per call            |
| 0             | 16    | DIRECTORT ASSISTANCE SERVICES           | Directory Assistance National Directory Assistance   | XF0                    | OFEN  |      | φ0.40                                | INA  |   | per call            |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | (NDA), per call  | XPU                    | OPEN  |      | \$0.65                               | NA   |   | per call            |
| 0             |       | DIRECTORT ADDICTANCE CERTICES           | Directory Assistance Reverse Directory Assistance  | XI 0                   | OFEN  |      | ψ0.00                                | 11/3                                       |   | per call            |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | (RDA), per call  | XPU                    | OPEN  |      | \$0.65                               | NA   |   | per call            |
|               |       |   | Directory Assistance Business Category Search (BCS) /  |                        |       |      |                                      |  |   |                     |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | where applicable, per call   | XPU                    | OPEN  |      | \$0.65                               | NA   |   | per call            |
|               |       |   |  |                        |       |      |                                      |  |   |                     |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | Directory Assistance Call Completion (DACC), per call  | XPU                    | OPEN  |      | \$0.15                               | NA   |   | per call            |
|               |       | OPERATOR SERVICES/DIRECTORY             |  |                        |       |      |                                      |  |   |                     |
|               |       | ASSISTANCE AUTOMATED CALL               | Branding - Other - Initial/Subsequent Load, per switch   |                        |       |      |                                      |  |   |                     |
| 6             | IL    | GREETING                                | per OCN  |                        |       |      | NA                                   | \$1,800.00                                 | \$1,800.00                                      | per switch, per OCN |
|               |       | OPERATOR SERVICES/DIRECTORY             |  |                        |       |      |                                      |  |   |                     |
|               |       | ASSISTANCE AUTOMATED CALL               |  |                        | 0.051 |      | <b>*</b> ****                        |  |   | 00/54               |
| 6             | IL    | GREETING<br>OPERATOR SERVICES/DIRECTORY | Branding and Reference/Rate Look Up, per OS/DA call  | XPU                    | OPEN  |      | \$0.03                               | NA   |   | per OS/DA call      |
|               |       | ASSISTANCE AUTOMATED CALL               | Branding-Facility Based-Initial/Subsequent Load -  |                        |       |      |                                      |  |   |                     |
| 6             | IL    | GREETING                                | Branding, per trunk group  |                        |       |      | NA                                   | \$800.00                                   | NA  |                     |
| 0             | 16    | OPERATOR SERVICES/DIRECTORY             |  |                        |       |      | 110                                  | \$000.00                                   | 114   |                     |
| 6             | п     | ASSISTANCE RATE/REFERENCES              | Rate Reference - Initial Load, per state, per OCN  |                        |       |      | NA                                   | \$5.000.00                                 |   | per OCN             |
| Ŭ             |       | OPERATOR SERVICES/DIRECTORY             |  |                        |       |      |                                      | φ0,000.00                                  |   |                     |
| 6             | IL    | ASSISTANCE RATE/REFERENCES              | Rate Reference - Subsequent Load, per state, per OCN   |                        |       |      | NA                                   |  | \$1,500.00                                      | per OCN             |
| -             |       |   | Operator Services Fully Automated Call Processing, per   |                        |       |      |                                      |  | • • ,• • • • • •                                | P 0. 0 0            |
| 6             | IL    | OPERATOR CALL PROCESSING                | call   | XPU                    | OPEN  |      | \$0.15                               | NA   |   | per call            |
|               |       |   | Operator Assisted Call Processing All Types, per   |                        |       |      |                                      |  |   |                     |
| 6             | IL    | OPERATOR CALL PROCESSING                | work second  | XPU                    | OPEN  |      | \$0.03                               | NA   |   | per work second     |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | DA Listing - per listing for initial load  |                        |       |      | NA                                   | \$0.04                                     |   | per listing         |
| 6             |       | DIRECTORY ASSISTANCE SERVICES           | DA Listing - per listing for subsequent updates  |                        |       |      | \$0.06                               |  | NA  | per listing         |
| 6             | IL    | RESALE APPLICABLE DISCOUNTS             | Resale Local Directory Assistance  |                        |       |      | 21.46%                               | NA   |   | discount            |
| 6             | IL    | RESALE APPLICABLE DISCOUNTS             | Resale Local Operator Assistance Services  |                        |       |      | 21.46%                               | NA   |   | discount            |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | Resale National Directory Assistance (NDA), per call   |                        |       |      | \$0.65                               | NA<br>NA                                   |   | per call            |
| 6             |       | DIRECTORY ASSISTANCE SERVICES           | Resale Reverse Directory Assistance (RDA), per call<br>Resale Business Category Search (BCS) / where           |                        |       |      | \$0.65                               | NA   |   | per call            |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | applicable, per call   |                        |       |      | \$0.65                               | NA   |   | per call            |
| U             | 16    | DIRECTORT ASSISTANCE SERVICES           | Resale Directory Assistance Call Completion (DACC),  |                        |       |      | φ <b>0.</b> 05                       | INA  |   | per call            |
| 6             | IL    | DIRECTORY ASSISTANCE SERVICES           | per call   |                        |       |      | \$0.15                               | NA   |   | per call            |
| 0             |       | DIRECTORT AGGIOTANCE DERVICES           | Resale Directory Assistance Branding - Other -   |                        |       |      | ψ0.10                                | NA INA                                     |   | por call            |
| 6             | IL    | BRANDING - DIRECTORY ASSISTANCE         | Initial/Subsequent Load, per switch, per OCN   |                        |       |      | NA                                   | \$1,800.00                                 |   | per switch, per OCN |
| Ű             |       |   | Resale Directory Assistance Brand and Reference/Rate   |                        |       |      | 101                                  | \$1,000.00                                 |   | per sinten, per son |
| 6             | IL    | BRANDING - DIRECTORY ASSISTANCE         | Look Up, per call  |                        |       |      | \$0.03                               | NA   |   | per OS/DA call      |
| -             |       | DIRECTORY ASSISTANCE CUSTOMER           | Resale Directory Assistance Rate Reference - Initial   |                        |       |      |                                      |  |   |                     |
| 6             | IL    | BRANDING ANNOUNCEMENT                   | Load, per state, per OCN   |                        |       |      | NA                                   | \$5,000.00                                 |   | per OCN             |
|               |       | DIRECTORY ASSISTANCE CUSTOMER           | Resale Directory Assistance Rate Reference -   |                        |       |      |                                      |  |   |                     |
| 6             | IL    | BRANDING ANNOUNCEMENT                   | Subsequent Load, per state, per OCN  |                        |       |      | NA                                   |  | \$1,500.00                                      | per OCN             |
| 6             | IL    | DIRECTORY LISTING PRODUCT               | White Page Directory Listings  |                        |       |      |                                      | NA   | NA  | per listing         |
| 6             | IL    | DIRECTORY LISTING PRODUCT               | Non Published/Non List Directory Listings  |                        |       |      |                                      | NA   | NA  | per listing         |

| Attachment | State | Product                                  | Rate Element Description   | COS (Class of Service) | USOC   | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC) C<br>First | Non-<br>Recurring<br>charge (NRC)<br>Additional | Per Unit           |
|------------|-------|--|--|------------------------|--------|------|--------------------------------------|--|---|--------------------|
|            |       | LOCAL INTERCONNECTION (CALL              | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |        |      |                                      |  |   |                    |
| 2MR-AT     | IN    | TRANSPORT AND TERMINATION)               | per FCC-01-131, per MOU (Effective Through 6/30/17)<br>Rate for all ISP-Bound and Section 251(b)(5) Traffic as | OHU                    | USG15  |      | 0.0007                               |  |   | MOU                |
| 2MR-AT     | IN    | TRANSPORT AND TERMINATION)               | per FCC-01-131, per MOU (Effective 7/01/17)  | OHU                    | USG15  |      | \$0.00                               |  |   | MOU                |
| 2MR-AT     | IN    | Transit Traffic Service                  | Tandem Switching   | OHU                    | USG23  |      | \$0.004388                           |  | NA  | per minute of use  |
| 2MR-AT     | IN    | Transit Traffic Service                  | Tandem Termination   | OHU                    | USG20  |      | \$0.000095                           |  |   | per minute of use  |
| 210117-741 | IIN   | Transit Traine Service                   |  | 6116                   | 03020  |      | \$0.000033                           | INA.   | 110   | per minute of use, |
| 2MR-AT     | IN    | Transit Traffic Service                  | Tandem Facility - per mile   | OHU                    | USG21  |      | \$0.000056                           | NA   | NA  | per mile           |
| 6          | IN    | DIRECTORY ASSISTANCE SERVICES            | Directory Assistance, per call   | XPU                    | OPEN   |      | \$ 0.40                              |  | NA  |                    |
| 6          | IN    | DIRECTORY ASSISTANCE SERVICES            | National Directory Assistance (NDA), per call  | XPU                    | OPEN   |      | \$ 0.65                              |  | NA  |                    |
| 6          | IN    | DIRECTORY ASSISTANCE SERVICES            | Reverse Directory Assistance (RDA), per call   | XPU                    | OPEN   |      | \$ 0.65                              |  | NA  |                    |
|            |       |  | Business Category Search (BCS) / where applicable,   |                        |        |      | • ••••                               |  |   | P                  |
| 6          | IN    | DIRECTORY ASSISTANCE SERVICES            | per call   | XPU                    | OPEN   |      | \$ 0.65                              | NA   | NA  | per call           |
| 6          | IN    | DIRECTORY ASSISTANCE SERVICES            | Directory Assistance Call Completion (DACC), per call  | XPU                    | OPEN   |      | \$ 0.15                              | NA   | NA  | per call           |
| 0          | IIN   | OPERATOR SERVICES/DIRECTORY              | Directory Assistance Call Completion (DACC), per call  | XF0                    | OFEN   |      | φ 0.15                               | INA  | INA   | per call           |
|            |       | ASSISTANCE AUTOMATED CALL                | Branding - Other - Initial/Subsequent Load, per switch,  |                        |        |      |                                      |  |   |                    |
| 6          | IN    | GREETING                                 | per OCN  |                        |        |      |                                      | \$ 1.800.00                                  | \$ 1.800.00                                     | per OCN            |
|            |       | OPERATOR SERVICES/DIRECTORY              |  |                        |        |      |                                      | φ 1,000100                                   | ¢ .,000.00                                      | p0.00.1            |
|            |       | ASSISTANCE AUTOMATED CALL                |  |                        |        |      |                                      |  |   |                    |
| 6          | IN    | GREETING                                 | Brand and Reference/Rate Look Up, per OS/DA call   | XPU                    | OPEN   |      | \$ 0.03                              | NA   | NA  | per OS/DA call     |
|            |       | OPERATOR SERVICES/DIRECTORY              |  |                        |        |      |                                      |  |   |                    |
|            |       | ASSISTANCE AUTOMATED CALL                |  |                        |        |      |                                      |  |   |                    |
| 6          | IN    | GREETING                                 | Branding per Trunk Group   |                        |        |      | NA                                   | \$800.00                                     |   |                    |
|            |       | OPERATOR SERVICES/DIRECTORY              | Directory Assistance Rate Reference - Initial Load, per  |                        |        |      |                                      |  |   |                    |
| 6          | IN    | ASSISTANCE RATE/REFERENCES               | state, per OCN   |                        |        |      | NA                                   | \$ 5,000.00                                  | NA  | per state, per OCN |
|            |       | OPERATOR SERVICES/DIRECTORY              | Directory Assistance Rate Reference - Subsequent   |                        |        |      |                                      |  |   |                    |
| 6          | IN    | ASSISTANCE RATE/REFERENCES               | Load, per state, per OCN   |                        |        |      |                                      | \$ 1,500.00                                  | . ,   | per state, per OCN |
| 6          | IN    | OPERATOR CALL PROCESSING                 | Fully Automated Call Processing, per call  | XPU                    | OPEN   |      | \$ 0.15                              | NA   | NA  | per call           |
|            |       |  | Operator Assisted Call Processing All Types, per   |                        | 0.0551 |      |                                      |  |   |                    |
| 6          |       | OPERATOR CALL PROCESSING                 | work second  | XPU                    | OPEN   |      | \$ 0.03                              |  | NA  | n en lietien       |
| 6          |       | DA LISTINGS<br>DA LISTINGS               | - per listing for initial load   |                        |        |      |                                      | \$ 0.040                                     | NA<br>NA  |                    |
| 6          |       | DA LISTINGS<br>DIRECTORY LISTING PRODUCT | - per listing for subsequent updates White Page Directory Listings   |                        |        |      | \$ 0.060                             | NA   | NA<br>NA  |                    |
| 6          | IN    | DIRECTORY LISTING PRODUCT                | Non Published/Non List Directory Listings  |                        |        |      |                                      | NA   | NA<br>NA  |                    |
| 0          | IIN   | DIRECTORT LIGTING PRODUCT                | Ancillary Message Billing Compensationm (Per   |                        |        |      |                                      | NA   | INA   | perlisting         |
| 6          | IN    | DIRECTORY LISTING PRODUCT                | Message)   |                        |        |      | \$0.03                               |  |   |                    |

|            | [     |  |  |                        |                |      |                    |              |             |                     |
|------------|-------|--|--|------------------------|----------------|------|--------------------|--------------|-------------|---------------------|
|            |       |  |  |                        |                |      |                    |              |             |                     |
|            |       |  |  |                        |                |      |                    |              |             |                     |
|            |       |  |  |                        |                |      |                    | Non-         | Non-        |                     |
|            |       |  |  |                        |                |      | Monthly            | Recurring    | Recurring   |                     |
|            |       |  |  |                        |                |      | Recurring          | Charge (NRC) | •           |                     |
| Attachment | State | Product  | Rate Element Description   | COS (Class of Service) | USOC           | Zone | Charge (MRC)       | First        | Additional  | Per Unit            |
|            |       |  |  | X X                    |                |      |                    |              |             |                     |
|            |       | LOCAL INTERCONNECTION (CALL                                    | Rate for All ISP-Bound and section 251(b)(5) Traffic as  |                        |                |      |                    |              |             |                     |
| 2MR-AT     | KS    | TRANSPORT AND TERMINATION                                      | per FCC 01-131, per MOU (Effective Through 6/30/17)  |                        | ZZUR2          |      | \$ 0.0007          | NA           | NA          | MOU                 |
|            | 140   | LOCAL INTERCONNECTION (CALL                                    | Rate for All ISP-Bound and section 251(b)(5) Traffic as  |                        | 771100         |      | <b>*</b> 0.00      |              |             | MOLL                |
| 2MR-AT     | KS    | TRANSPORT AND TERMINATION<br>LOCAL INTERCONNECTION (CALL       | per FCC 01-131, per MOU (Effective 7/01/17)<br>Optional EAS Transport and Termination per MOU          |                        | ZZUR2          |      | \$0.00             | NA           | NA          | MOU                 |
| 2MR-AT     | KS    | TRANSPORT AND TERMINATION                                      | (Effective through 6/30/2017)  |                        | ZZUR2          |      | \$0.0210000        | NA           | NA          | MOU                 |
| 2000070    | 110   | LOCAL INTERCONNECTION (CALL                                    | Optional EAS Transport and Termination per MOU   |                        | LLOILL         |      | \$0.0210000        | 10.1         |             | Moo                 |
| 2MR-AT     | KS    | TRANSPORT AND TERMINATION                                      | (Effective 7/1/2017)   |                        | ZZUR2          |      | \$0.00             | NA           | NA          | MOU                 |
| 2MR-AT     | KS    | Transit Traffic Service  | Transit Rate (Zone 1 - Rural)  |                        | ZZUTN          | 1    | \$0.001027         | NA           | NA          | per minute of use   |
| 2MR-AT     | KS    | Transit Traffic Service  | Transit Rate (Zone 2 - Suburban)   |                        | ZZUTN          | 2    | \$0.000981         | NA           | NA          | per minute of use   |
| 2MR-AT     | KS    | Transit Traffic Service  | Transit Rate (Zone 3 - Metro)  |                        | ZZUTN          | 3    | \$0.000953         | NA           | NA          | per minute of use   |
| 6          |       | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance (DA) - per call   |                        | ZZUO3          | 0    | \$ 0.40            | NA           | NA          | per call            |
| 6          | KS    | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance (DA) - per call - Credit  |                        | ZZUO4          |      | \$ 0.40            | NA           | NA          | per call            |
|            |       |  |  |                        |                |      |                    |              |             |                     |
| 6          | KS    | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance Call Completion (DACC) - per call   |                        | ZZUO7          |      | \$ 0.15            | NA           | NA          | per call            |
| 6          |       | DIRECTORY ASSISTANCE SERVICES                                  | National Directory Assistance (NDA)  |                        | ZZUO5          |      | \$ 0.65            | NA           | NA          |                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES                                  | National Directory Assistance (NDA) - Credit   |                        | ZZUO6          |      | \$ 0.65            | NA           | NA          |                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES<br>DIRECTORY ASSISTANCE SERVICES | Business Category Search (BCS)<br>Reverse Directory Assistance (RDA)                                   |                        | ZZUOB<br>ZZUO8 |      | \$ 0.65<br>\$ 0.65 | NA<br>NA     | NA<br>NA    |                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES                                  | Reverse Directory Assistance (RDA)<br>Reverse Directory Assistance (RDA) - Credit                      |                        | ZZU08<br>ZZU09 |      | \$ 0.65            | NA           | NA          |                     |
| 6          |       | DIRECTORY LISTING PRODUCT                                      | White Page Directory Listings  |                        | 22003          |      | φ 0.00             | NA           | NA          |                     |
| 6          |       | DIRECTORY LISTING PRODUCT                                      | Non Published/Non List Directory Listings  |                        |                |      |                    | NA           | NA          |                     |
|            |       |  | Directory Assistance - Branding - Initial/Subsequent   |                        |                |      |                    |              |             |                     |
| 6          | KS    | DIRECTORY ASSISTANCE - BRANDING                                | Load per switch, per OCN   |                        | NRBDG          |      | NA                 | \$ 1,800.00  | \$ 1,800.00 | per switch, per OCN |
| 6          | KC    | DIRECTORY ASSISTANCE - BRANDING                                | Directory Assistance - Dreading Deces  |                        | ZZUCB          |      | \$ 0.030           | NA           | NIA         |                     |
| 6          | KS    | DIRECTORY ASSISTANCE - BRANDING                                | Directory Assistance - Branding Per call<br>Directory Assistance - Rate Reference Initial Load per     |                        | ZZUCB          |      | \$ 0.030           | NA           | NA          | per call            |
| 6          | KS    | REFERENCE  | state, per OCN   |                        | NRBDL          |      | ΝΔ                 | \$ 5,000.00  | ΝΔ          | per state, per OCN  |
| 0          | 110   | DIRECTORY ASSISTANCE - RATE                                    | Directory Assistance - Rate Reference - Subsequent   |                        | NINDDE         |      |                    | φ 0,000.00   | 11/3        | per state, per oor  |
| 6          | KS    | REFERENCE  | Load per state, per OCN  |                        | NRBDM          |      | NA                 | \$ 1,500.00  | NA          | per state, per OCN  |
|            |       |  | Directory Assistance Listings (DAL)-Initial Load, per  |                        |                |      |                    |              |             | · · ·               |
| 6          | KS    | DIRECTORY ASSISTANCE LISTINGS                                  | listing  |                        |                |      | \$ 0.0585          | NA           | NA          | per listing         |
| -          |       |  |  |                        |                |      |                    |              |             |                     |
| 6          | KS    | DIRECTORY ASSISTANCE LISTINGS                                  | Directory Assistance Listings (DAL)-Update, per listing<br>Directory Assistance Listings (DAL)-Non-Pub |                        |                |      | \$ 0.0585          | NA           | NA          | per listing         |
| 6          | KS    | DIRECTORY ASSISTANCE LISTINGS                                  | Emergency Message Service  |                        |                |      | \$ 2.60            | NA           | NA          | per listing         |
| 0          | NO    | DIRECTORY ASSISTANCE LISTINGS                                  | Operated Services - Fully Automated Call Processing  |                        |                |      | φ 2.00             | INA          | INA         | Per completed       |
| 6          | KS    | OPERATOR CALL PROCESSING                                       | (Per completed automated call)   |                        | ZZUO1          |      | \$ 0.15            | NA           | NA          |                     |
|            |       |  | Operator Assisted Call Processing All Types per work   |                        |                | 1    | ÷ 0.10             |              | 11/1        | datomatou oun       |
| 6          | KS    | OPERATOR CALL PROCESSING                                       | second   |                        | ZZUO2          |      | \$ 0.03            | NA           | NA          | per work second     |
|            |       |  | Operator Services - Branding - Initial/Subsequent Load   |                        |                |      |                    |              |             |                     |
| 6          | KS    | OPERATOR SERVICES - BRANDING                                   | per switch, per OCN  |                        | NRBDG          |      | NA                 |              |             | per switch, per OCN |
| 6          | KS    | OPERATOR SERVICES - BRANDING                                   | Operator Services - Branding Per call  |                        | ZZUCB          |      | \$ 0.030           | NA           | NA          | per call            |
| 0          | KO    | OPERATOR SERVICES - RATE                                       | Operator Services - Rate Reference Initial Load per  |                        | NDDDI          |      |                    | ¢ = 000 00   |             |                     |
| 6          | KS    | REFERENCE<br>OPERATOR SERVICES - RATE                          | state, per OCN<br>Operator Services - Rate Reference - Subsequent Load                                 |                        | NRBDL          |      | NA                 | \$ 5,000.00  | NA          | per state, per OCN  |
| 6          | KS    | REFERENCE  | per state, per OCN   |                        | NRBDM          |      | NIΔ                | \$ 1,500.00  | NΙΔ         | per state, per OCN  |
| 0          | 110   |  |  |                        |                | 1    | NA NA              | φ 1,000.00   | INA         | por state, per CON  |

| Attachment | State    | Product   | Rate Element Description   | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                           |
|------------|----------|---|--|------------------------|-------|------|--------------------------------------|--|---|------------------------------------|
| 2MR-AT     | KY       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)<br>ILOCAL INTERCONNECTION (CALL | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)<br>Rate for all ISP-Bound and Section 251(b)(5) Traffic as   |                        |       |      | 0.0007                               |  |   | MOU                                |
| 2MR-AT     | KY       | TRANSPORT AND TERMINATION)  | per FCC-01-131, per MOU (Effective 7/01/17)  |                        |       |      | 0.00bk                               |  |   | MOU                                |
| 2MR-AT     | KY       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                                 | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)   |                        |       |      | 0.000003                             |  |   | MILE/MOU                           |
| 2MR-AT     | КY       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                                 | Common Transport - Per Mile, Per MOU (Effective 7/1/2018)  |                        |       |      | 0.00bk                               |  |   | MILE/MOU                           |
| 2MR-AT     | KY       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)<br>LOCAL INTERCONNECTION (CALL  | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)<br>Common Transport - Facilities Termination Per MOU  |                        |       |      | 0.0007466                            |  |   | MOU                                |
| 2MR-AT     | KY       | TRANSPORT AND TERMINATION)  | (Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MOU                                |
| 2MR-AT     | KY<br>KY | Transit Traffic Service   | Local Intermediary Charge, composite, per MOU<br>Each subscriber will receive one (1) copy per primary<br>End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual<br>delivery of newly published directories. |                        |       |      | 0.002                                |  |   | MOU<br>primary End User<br>listing |
| 6          |          | BRANDING - DIRECTORY ASSISTANCE   | Facility Based CLEC - Recording and Provisioning of  | AMT                    | CBADA |      |                                      | 3.000.00                                   | 3.000.00  |                                    |
| -          |          |   | DA Custom Branded Announcement<br>Facility Based CLEC - Loading of Custom Branded  | AMT                    |       |      |                                      | .,   | -,  |                                    |
| 6          | KY<br>KY | BRANDING - DIRECTORY ASSISTANCE<br>DIRECTORY ASSISTANCE SERVICES                          | Announcement per Switch per OCN<br>Directory Assistance Access Service Calls, Charge Per<br>Call   | AMI                    | CBADC |      | 0.31                                 | 1,170.00                                   | 1,170.00  | per Switch per OCN<br>call         |
| 6          | KY       | DIRECTORY ASSISTANCE SERVICES   | National Directory Assistance, (NDA), Charge Per Call, where available   |                        |       |      | 0.31                                 |  |   | call                               |
| 6          | KY       | DIRECTORY ASSISTANCE SERVICES   | Reverse Directory Assistance, (RDA), Charge Per Call, where available  |                        |       |      | 0.31                                 |  |   | call                               |
| 6          | KY       | DIRECTORY ASSISTANCE SERVICES   | Business Category Search, (BCS), Charge Per Call,<br>where available   |                        |       |      | 0.31                                 |  |   | call                               |
| 6          | KY       | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt  |                        |       |      | 0.10                                 |  |   | Call Attempt                       |
| 6          | KY       | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance - Rate Reference Initial Load per<br>state per OCN<br>Directory Assistance - Rate Reference Subsequent  |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN                  |
| 6          | КY       | DIRECTORY ASSISTANCE SERVICES   | Load per state per OCN   |                        |       |      |                                      |  | 1,500.00  | per state per OCN                  |
| 6          | KY       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)   | Directory Assistance Database Service (DADS)-Initial Load, per listing   |                        |       |      |                                      | 0.04                                       |   | listing                            |
| 6          | KY       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)   | Directory Assistance Database Service (DADS)-Monthly<br>Recurring Fee  |                        |       |      | 150.00                               |  |   |                                    |
| 6          | KY       | BRANDING - OPERATOR CALL<br>PROCESSING  | Facility based CLEC - Recording of Custom Branded<br>OA Announcement   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  |                                    |
| 6          | KY       | BRANDING - OPERATOR CALL<br>PROCESSING  | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per shelf/NAV per OCN   | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per shelf/NAV per<br>OCN           |
| 6          | КY       | OPERATOR CALL PROCESSING  | Oper. Call Processing - Oper. Provided, Per Min<br>Using BST LIDB  |                        |       |      | 1.20                                 |  |   | minute                             |
| 6          | ΚY       | OPERATOR CALL PROCESSING  | Oper. Call Processing - Oper. Provided, Per Min<br>Using Foreign LIDB  |                        |       |      | 1.24                                 |  |   | minute                             |
| 6          | ΚY       | OPERATOR CALL PROCESSING  | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB  |                        |       |      | 0.20                                 |  |   | call                               |
| 6          | KY       | OPERATOR CALL PROCESSING  | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB  |                        |       |      | 0.20                                 |  |   | call                               |
| 6          | КY       | OPERATOR CALL PROCESSING  | Operator Services - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN                  |
| 6          | КY       | OPERATOR CALL PROCESSING  | Operator Services - Rate Reference Subsequent Load<br>per state per OCN  |                        |       |      |                                      |  | 1 500 00  | per state per OCN                  |

| Attachment | State | Product  | Rate Element Description   | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                 |
|------------|-------|--|--|------------------------|-------|------|--------------------------------------|--|---|--------------------------|
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)  |                        |       |      | 0.0007                               |  |   | MOU                      |
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)  |                        |       |      | 0.00bk                               |  |   | MOU                      |
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)   |                        |       |      | 0.0000032                            |  |   | MILE/MOU                 |
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Per Mile, Per MOU (Effective<br>7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MILE/MOU                 |
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)   |                        |       |      | 0.0003748                            |  |   | MOU                      |
| 2MR-AT     | LA    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                        | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)<br>Each subscriber will receive one (1) copy per primary                           |                        |       |      | 0.00bk                               |  |   | MOU                      |
| 6          |       | DIRECTORY DELIVERY   | End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual |                        |       |      |                                      |  |   | primary End User         |
|            |       |  | delivery of newly published directories.<br>Facility Based CLEC - Recording and Provisioning of  |                        |       |      |                                      |  |   | listing                  |
| 6          |       | BRANDING - DIRECTORY ASSISTANCE  | DA Custom Branded Announcement<br>Facility Based CLEC - Loading of Custom Branded  | AMT                    | CBADA |      |                                      | 3,000.00                                   | 3,000.00  |                          |
| 6          |       | BRANDING - DIRECTORY ASSISTANCE  | Announcement per Switch per OCN<br>Directory Assistance Access Service Calls, Charge Per   | AMT                    | CBADC |      |                                      | 1,170.00                                   | 1,170.00  | per Switch per OCN       |
| 6          | LA    | DIRECTORY ASSISTANCE SERVICES  | Call<br>National Directory Assistance, (NDA), Charge Per Call,   |                        |       |      | 0.31                                 |  |   | call                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | where available<br>Reverse Directory Assistance, (RDA), Charge Per Call,   |                        |       |      | 0.31                                 |  |   | call                     |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | where available<br>Business Category Search, (BCS), Charge Per Call,   |                        |       |      | 0.31                                 |  |   | call                     |
| 6          |       |  | where available<br>Directory Assistance Call Completion Access Service   |                        |       |      | 0.31                                 |  |   | call                     |
| 6          |       |  | (DACC), Per Call Attempt<br>Directory Assistance - Rate Reference Initial Load per   |                        |       |      | 0.10                                 | 5 000 00                                   |   | Call Attempt             |
| 6          |       |  | state per OCN<br>Directory Assistance - Rate Reference Subsequent  |                        |       |      |                                      | 5,000.00                                   | 4 500 00  | per state per OCN        |
| 6          |       | DIRECTORY ASSISTANCE SERVICES<br>DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS) | Load per state per OCN<br>Directory Assistance Database Service (DADS)-Initial<br>Load, per listing  |                        |       |      |                                      | 0.04                                       | 1,500.00  | per state per OCN        |
| 6          |       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)                                  | Directory Assistance Database Service (DADS)-<br>Update, per listing   |                        |       |      | 0.04                                 | 0.01                                       |   | listing                  |
| 6          |       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)                                  | Directory Assistance Database Service (DADS)-Monthly<br>Recurring Fee  |                        |       |      | 150.00                               |  |   |                          |
| 6          | LA    | BRANDING - OPÉRATOR CALL<br>PROCESSING   | Facility based CLEC - Recording of Custom Branded<br>OA Announcement   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  | announcement             |
| 6          | LA    | BRANDING - OPERATOR CALL<br>PROCESSING   | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per shelf/NAV per OCN   | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per shelf/NAV per<br>OCN |
| 6          | LA    | BRANDING - OPERATOR CALL<br>PROCESSING   | Operator Services - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN        |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING   | Operator Services - Rate Reference Subsequent Load<br>per state per OCN  |                        |       |      |                                      | ,  | 1,500.00  | per state per OCN        |
| 6          | LA    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using BST LIDB  |                        |       |      | 1.20                                 |  |   | Minute                   |
| 6          |       | OPERATOR CALL PROCESSING   | Oper. Call Processing - Oper. Provided, Per Min<br>Using Foreign LIDB  |                        |       |      | 1.24                                 |  |   | Minute                   |
| 6          | LA    | OPERATOR CALL PROCESSING   | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB  |                        |       |      | 0.20                                 |  |   | call                     |

Contract Id: 4912730

| Attachment | State | Product                  | Rate Element Description  | COS (Class of Service) | USOC | Monthly<br>Recurring<br>Zone Charge (MRC) |         | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit |
|------------|-------|--------------------------|---|------------------------|------|---|---------|---|----------|
| Attachment | Julie | FIGUUCE                  |   |                        | 0300 | Zone Gharge (Mixe)                        | 1 11 51 | Additional                                      | reronn   |
| 6          | LA    | OPERATOR CALL PROCESSING | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB |                        |      | 0.20                                      |         |   | call     |

|            |       |                               |   |                        |       |      | Monthly<br>Recurring | Non-<br>Recurring R<br>Charge (NRC) Cha | Non-<br>ecurring<br>arge (NRC) |                      |
|------------|-------|-------------------------------|---|------------------------|-------|------|----------------------|---|--------------------------------|----------------------|
| Attachment | State | Product                       | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Charge (MRC)         |   | dditional                      | Per Unit             |
|            |       | LOCAL INTERCONNECTION (CALL   | Rate for all ISP-Bound and Section 251(b)(5) Traffic as         |                        |       |      |                      |   |                                |                      |
| 2MR-AT     | мі    | TRANSPORT AND TERMINATION     | per FCC-01-131, per MOU (Effective Through 6/30/17)             | OHU                    | USG14 |      | 0.0007               |   |                                | MOU                  |
| 20017-71   | IVII  | LOCAL INTERCONNECTION (CALL   | Rate for all ISP-Bound and Section 251(b)(5) Traffic as         | 010                    | 00014 |      | 0.0007               |   |                                | WIOO                 |
| 2MR-AT     | МІ    | TRANSPORT AND TERMINATION)    | per FCC-01-131, per MOU (Effective 7/01/17)                     | OHU                    | USG14 |      | \$0.00               |   |                                | MOU                  |
| 6          |       | DIRECTORY ASSISTANCE SERVICES | Directory Assistance, per call                                  | XPU                    | OPEN  |      | \$ 0.40              |   | NA                             |                      |
| 6          |       | DIRECTORY ASSISTANCE SERVICES | National Directory Assistance (NDA), per call                   | XPU                    | OPEN  |      | \$ 0.65              |   |                                | per call             |
| 6          | MI    | DIRECTORY ASSISTANCE SERVICES | National Directory Assistance (RDA), per call                   | XPU                    | OPEN  |      | \$ 0.65              | NA                                      |                                | per call             |
|            |       |                               | Business Category Search (BCS) where applicable, per            |                        |       |      |                      |   |                                |                      |
| 6          | MI    | DIRECTORY ASSISTANCE SERVICES | call  | XPU                    | OPEN  |      | \$ 0.65              | NA                                      |                                | per call             |
| 0          | NAL   |                               | Directory Assistance Call Consulation (DACC) and call           | XPU                    | OPEN  |      | \$ 0.15              |   |                                |                      |
| 6          |       | DIRECTORY ASSISTANCE SERVICES | Directory Assistance Call Completion (DACC), per call           | XPU                    | OPEN  |      | \$ 0.15              | NA                                      |                                | per call             |
|            |       | ASSISTANCE AUTOMATED CALL     | Directory Assistance Branding - Other -                         |                        |       |      |                      |   |                                |                      |
| 6          |       | GREETING                      | Initial/Subsequent Load, per switch, per OCN                    |                        |       |      |                      | \$ 1,800.00 \$                          | 1 800 00                       | per switch, per OCN  |
| - · ·      |       | OPERATOR SERVICES/DIRECTORY   | initial eabooquerit Lead, per eviterit, per elert               |                        |       |      |                      | φ 1,000.00 φ                            | 1,000.00                       | por ownon, por o ort |
|            |       | ASSISTANCE AUTOMATED CALL     | Directory Assistance branding and Reference/Rate Look           |                        |       |      |                      |   |                                |                      |
| 6          |       | GREETING                      | Up, per call  | XPU                    | OPEN  |      | \$ 0.03              |   | NA                             | per OS/DA call       |
|            |       | OPERATOR SERVICES/DIRECTORY   |   |                        |       |      |                      |   |                                | •                    |
|            |       | ASSISTANCE AUTOMATED CALL     |   |                        |       |      |                      |   |                                |                      |
| 6          |       | GREETING                      | Branding, per trunk group                                       |                        |       |      |                      | \$800.00                                | \$800.00                       |                      |
|            |       | OPERATOR SERVICES/DIRECTORY   | Directory Assistance Rate Reference - Initial Load, per         |                        |       |      |                      |   |                                |                      |
| 6          |       | ASSISTANCE RATE/REFERENCES    | state, per OCN  |                        |       |      |                      | \$ 5,000.00                             |                                | per state, per OCN   |
|            |       | OPERATOR SERVICES/DIRECTORY   | Directory Assistance Rate Reference - Subsequent                |                        |       |      |                      |   |                                |                      |
| 6          |       | ASSISTANCE RATE/REFERENCES    | Load, per state, per OCN  |                        | ODEN  |      | <b>•</b> • • • •     | NA \$                                   |                                | per state, per OCN   |
| 6          | MI    | OPERATOR CALL PROCESSING      | Fully Automated Call Processing, per call                       | XPU                    | OPEN  |      | \$ 0.15              | NA                                      | NA                             | per call             |
| 6          | мі    | OPERATOR CALL PROCESSING      | Operator Assisted Call Processing All Types, per<br>work second | XPU                    | OPEN  |      | \$ 0.03              | NA                                      | NA                             | per work second      |
| 6          |       | DIRECTORY ASSISTANCE SERVICES | - per listing for initial load                                  | ٨٣U                    | UPEN  |      | ъ                    | \$ 0.040                                | NA<br>NA                       |                      |
| 6          |       | DIRECTORY ASSISTANCE SERVICES | - per listing for subsequent updates                            |                        |       |      | \$ 0.060             |   | NA                             | per nem g            |
| 6          |       | DIRECTORY LISTING PRODUCT     | White Page Directory Listings                                   |                        |       |      | φ 0.000              | NA                                      | NA                             |                      |
| 6          |       | DIRECTORY LISTING PRODUCT     | Non Published/Non List Directory Listings                       |                        |       |      |                      | NA                                      | NA                             | per listing          |
|            | IVII  |                               | Horr administration List Directory Listings                     |                        | 1     | 1    | I                    | 13/4                                    |                                | per iisting          |

| Attachment | State    | Product                         | Rate Element Description  | COS (Class of Service) | USOC           | Zone | Monthly<br>Recurring<br>Charge (MRC) | • • •              | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                  |
|------------|----------|---------------------------------|---|------------------------|----------------|------|--------------------------------------|--------------------|---|---------------------------|
|            |          | LOCAL INTERCONNECTION (CALL     | Rate for All ISP-Bound and section 251(b)(5) Traffic as   |                        |                |      |                                      |                    |   |                           |
| 2MR-AT     | MO       | TRANSPORT AND TERMINATION)      | per FCC 01-131, per MOU (Effective Through 6/30/17)   |                        | ZZUR2          |      | \$0.0007                             | NA                 | NA  | MOU                       |
|            |          |                                 | Rate for All ISP-Bound and section 251(b)(5) Traffic as   |                        | 771100         |      | <b>\$</b> 0.00                       |                    |   | MOLL                      |
| 2MR-AT     | MO       | TRANSPORT AND TERMINATION)      | per FCC 01-131, per MOU (Effective 7/01/17)<br>Transit Rate per Minute of Use - Zone 1 (Urban, STL. |                        | ZZUR2          |      | \$0.00                               | NA                 | NA  | MOU                       |
| 2MR-AT     | мо       | TRANSIT TRAFFIC SERVICE         | KS)   |                        | ZZUTN          |      | \$0.001712                           | NA                 | NA  | MOU                       |
| 2MR-AT     | MO       | TRANSIT TRAFFIC SERVICE         | Transit Rate per Minute of Use - Zone 2 (Suburban)  |                        | ZZUTN          |      | \$0.001712                           |                    |   |                           |
| 2MR-AT     | MO       | TRANSIT TRAFFIC SERVICE         | Transit Rate per Minute of Use - Zone 3 (Rural)   |                        | ZZUTN          |      | \$0.001918                           |                    |   |                           |
| 2          |          |                                 | Transit Rate per Minute of Use - Zone 4 (Urban  |                        | 220111         |      | \$0.001010                           |                    |   |                           |
| 2MR-AT     | МО       | TRANSIT TRAFFIC SERVICE         | Springfield)  |                        | ZZUTN          |      | \$0.001679                           | NA                 | NA  | MOU                       |
| 2MR-AT     | MO       | TRANSIT TRAFFIC SERVICE         | Transit Rate per Minute of Use - Zone Interzone   |                        | ZZUTN          |      | \$0.001863                           |                    |   |                           |
| 6          | MO       | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance (DA) - per call  |                        | ZZUO3          |      | \$0.40                               | NA                 | NA  | per call                  |
| 6          | MO       | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance (DA) - per call - credit   |                        | ZZUO4          |      | \$0.40                               | NA                 | NA  | per call                  |
|            |          |                                 |   |                        |                |      |                                      |                    |   |                           |
| 6          | MO       | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance Call Completion (DACC) - per call  |                        | ZZUO7          |      | \$0.15                               |                    | NA  | per call                  |
| 6          | MO       | DIRECTORY ASSISTANCE SERVICES   | National Directory Assistance (NDA), per call   |                        | ZZUO5          |      | \$0.65                               |                    | NA  | per call                  |
| 6          |          | DIRECTORY ASSISTANCE SERVICES   | National Directory Assistance (NDA), per call - credit  |                        | ZZUO6          |      | \$0.65                               |                    |   |                           |
| 6<br>6     | MO<br>MO | DIRECTORY ASSISTANCE SERVICES   | Business Category Search (BCS), per call<br>Reverse Directory Assistance (RDA), per call            |                        | ZZUOB<br>ZZUO8 |      | \$0.65<br>\$0.65                     |                    | NA<br>NA  | per call<br>per call      |
| 6          | MO       | DIRECTORY ASSISTANCE SERVICES   | Reverse Directory Assistance (RDA), per call - credit   |                        | ZZU08<br>ZZU09 |      | \$0.65                               |                    | NA  |                           |
| 0          | NIO      | DIRECTORT ASSISTANCE SERVICES   | Directory Assistance - Branding - Initial/Subsequent  |                        | 22003          |      | φ0.05                                |                    |   | per call                  |
| 6          | МО       | DIRECTORY ASSISTANCE - BRANDING | Load, per switch, per OCN   |                        | NRBDG          |      | NA                                   | \$1,800.00         | \$1,800.00                                      | per switch, per OCN       |
| 6          | мо       | DIRECTORY ASSISTANCE - BRANDING | Directory Assistance - Branding Per call  |                        | ZZUCB          |      | \$0.03                               | NA                 | NA  | per call                  |
|            | MIC      | DIRECTORY ASSISTANCE - RATE     | Directory Assistance - Rate Reference Initial Load, per   |                        | LLOOD          |      | φ0.00                                | 107                |   | por our                   |
| 6          | мо       | REFERENCE                       | state. per OCN  |                        | NRBDL          |      | NA                                   | \$5.000.00         | NA  | per state, per OCN        |
| -          |          | DIRECTORY ASSISTANCE - RATE     | Directory Assistance - Rate Reference Subsequent  |                        |                |      |                                      | <b>4</b> 1,000,000 |   | p == ====; p == = = = = = |
| 6          | MO       | REFERENCE                       | Load per state, per OCN   |                        | NRBDM          |      | NA                                   | \$1,500.00         | NA  | per state, per OCN        |
|            |          |                                 | Directory Assistance Listings (DAL)-Initial Load, per   |                        |                |      |                                      |                    |   |                           |
| 6          | MO       | DIRECTORY ASSISTANCE LISTINGS   | listing   |                        |                |      | \$0.0585                             | NA                 | NA  | per listing               |
| 6          | мо       | DIRECTORY ASSISTANCE LISTINGS   | Directory Assistance Listings (DAL)-Update, per listing   |                        |                |      | \$0.0585                             | NA                 | NA  | per listing               |
|            |          |                                 | Directory Assistance Listings (DAL)-Non-Pub   |                        |                |      | <b>.</b>                             |                    |   |                           |
| 6          | MO       | DIRECTORY ASSISTANCE LISTINGS   | Emergency Message Service   |                        |                |      | \$2.10                               | NA                 | NA  |                           |
| 0          |          |                                 | Operated Services - Fully Automated Call Processing   |                        | 771104         |      | <b>*</b> 0.45                        |                    |   | per completed             |
| 6          | MO       | OPERATOR CALL PROCESSING        | (Per completed automated call)<br>Operator Assisted Call Processing All Types per work              |                        | ZZUO1          |      | \$0.15                               | NA                 | NA  | automated call            |
| 6          | мо       | OPERATOR CALL PROCESSING        | second  |                        | ZZUO2          |      | \$0.03                               | NA                 | NA  | per work second           |
| 0          | NIC      |                                 | Operator Services - Branding Initial/Subsequent Load,   |                        | 22002          | +    | ψ0.03                                | INA                | INA   | per work second           |
| 6          | мо       | OPERATOR SERVICES - BRANDING    | per switch, per OCN   |                        | NRBDG          |      | NA                                   | \$1.800.00         | \$1 800 00                                      | per switch, per OCN       |
| 6          | MO       | OPERATOR SERVICES - BRANDING    | Operator Services - Branding Per call   |                        | ZZUCB          | 1    | \$0.03                               |                    |   |                           |
| -          |          | OPERATOR SERVICES - RATE        | Operator Services - Rate Reference - Initial Load, per  |                        |                | 1    | ÷ 5100                               |                    |   |                           |
| 6          | MO       | REFERENCE                       | state, per OCN  |                        | NRBDL          |      | NA                                   | \$5,000.00         | NA  | Per state, per OCN        |
|            |          | OPERATOR SERVICES - RATE        | Operator Services - Rate Reference - Subsequent Load,   |                        |                |      |                                      |                    |   |                           |
| 6          | MO       | REFERENCE                       | per state, per OCN  |                        | NRBDM          |      | NA                                   | \$1,500.00         | NA  | Per state, per OCN        |

| Attachment | State | Product   | Rate Element Description   | COS (Class of Service) | USOC     | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit               |
|------------|-------|---|--|------------------------|----------|------|--------------------------------------|--|---|------------------------|
|            |       | LOCAL INTERCONNECTION (CALL                               | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |          |      |                                      |  |   |                        |
| 2MR-AT     | MS    | TRANSPORT AND TERMINATION)                                | per FCC-01-131, per MOU (Effective Through 6/30/17)  |                        |          |      | 0.0007                               |  |   | MOU                    |
|            |       |   | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |          |      | 0.0011                               |  |   | MOLL                   |
| 2MR-AT     | MS    | TRANSPORT AND TERMINATION)                                | per FCC-01-131, per MOU (Effective 7/01/17)<br>Common Transport - Per Mile, Per MOU (Effective |                        |          |      | 0.00bk                               |  |   | MOU                    |
| 2MR-AT     | MS    | TRANSPORT AND TERMINATION                                 | through 6/30/18)   |                        |          |      | 0.0000026                            |  |   | MILE/MOU               |
| 200770     | inio  | LOCAL INTERCONNECTION (CALL                               | Common Transport - Per Mile, Per MOU (Effective  |                        |          |      | 0.0000020                            |  |   |                        |
| 2MR-AT     | MS    | TRANSPORT AND TERMINATION)                                | 7/1/2018)  |                        |          |      | 0.00bk                               |  |   | MILE/MOU               |
|            |       | LOCAL INTERCONNECTION (CALL                               | Common Transport - Facilities Termination Per MOU  |                        |          |      |                                      |  |   |                        |
| 2MR-AT     | MS    | TRANSPORT AND TERMINATION)                                | (Effective through 6/30/18)  |                        |          |      | 0.0004541                            |  |   | MOU                    |
| 2MR-AT     | MS    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)                      |                        |          |      | 0.006                                |  |   | MOU                    |
| ZIVIR-AT   | INIS  | TRANSPORT AND TERMINATION)                                | Each subscriber will receive one (1) copy per primary  |                        |          |      | 0.00bk                               |  |   | MOU                    |
|            |       |   | End User listing of AT&T White Pages directory in the  |                        |          |      |                                      |  |   |                        |
|            |       |   | same manner and at the same time that they are   |                        |          |      |                                      |  |   |                        |
|            |       |   | delivered to AT&T's subscribers during the annual  |                        |          |      |                                      |  |   | primary End User       |
| 6          | MS    | DIRECTORY DELIVERY  | delivery of newly published directories.   |                        |          |      |                                      |  |   | listing                |
| 0          |       |   | Facility Based CLEC - Recording and Provisioning of  | A. A.T.                | 00404    |      |                                      | 0 000 00                                   | 0 000 00  |                        |
| 6          | MS    | BRANDING - DIRECTORY ASSISTANCE                           | DA Custom Branded Announcement<br>Facility Based CLEC - Loading of Custom Branded              | AMT                    | CBADA    |      |                                      | 3,000.00                                   | 3,000.00  | announcement           |
| 6          | MS    | BRANDING - DIRECTORY ASSISTANCE                           | Announcement per Switch per OCN  | AMT                    | CBADC    |      |                                      | 1,170.00                                   | 1 170 00  | per Switch per OCN     |
| •          |       |   | Directory Assistance Access Service Calls, Charge Per  | ,                      | 02/12/0  |      |                                      | 1,110100                                   | .,  | per entition per e ent |
| 6          | MS    | DIRECTORY ASSISTANCE SERVICES                             | Call   |                        |          |      | 0.31                                 |  |   | call                   |
|            |       |   | Directory Assistance Call Completion Access Service  |                        |          |      |                                      |  |   |                        |
| 6          | MS    | DIRECTORY ASSISTANCE SERVICES                             | (DACC), Per Call Attempt<br>Directory Assistance - Rate Reference Initial Load per             |                        |          |      | 0.10                                 |  |   | Call Attempt           |
| 6          | MS    | DIRECTORY ASSISTANCE SERVICES                             | state per OCN  |                        |          |      |                                      | 5.000.00                                   |   | per state per OCN      |
| 0          | IVIO  | DIRECTORT ASSISTANCE SERVICES                             | Directory Assistance - Rate Reference Subsequent   |                        |          |      |                                      | 3,000.00                                   |   |                        |
| 6          | MS    | DIRECTORY ASSISTANCE SERVICES                             | Load per state per OCN   |                        |          |      |                                      |  | 1,500.00  | per state per OCN      |
|            |       | DIRECTORY ASSISTANCE DATABASE                             | Directory Assistance Database Service (DADS)-Initial   |                        |          |      |                                      |  |   |                        |
| 6          | MS    | SERVICE (DADS)  | Load, per listing  |                        |          |      |                                      | 0.04                                       |   | listing                |
| 0          |       | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)           | Directory Assistance Database Service (DADS)-<br>Update, per listing                           |                        |          |      | 0.04                                 |  |   | Part and               |
| 6          | MS    | DIRECTORY ASSISTANCE DATABASE                             | Directory Assistance Database Service (DADS)-Monthly   |                        |          |      | 0.04                                 |  |   | listing                |
| 6          | MS    | SERVICE (DADS)  | Recurring Fee  |                        |          | 1    | 150.00                               |  |   |                        |
|            |       | BRANDING - OPERATOR CALL                                  | Facility based CLEC - Recording of Custom Branded  |                        |          |      |                                      |  |   |                        |
| 6          | MS    | PROCESSING  | OA Announcement  | AMT                    | CBAOS    |      |                                      | 7,000.00                                   | 7,000.00  |                        |
| c          |       | BRANDING - OPERATOR CALL                                  | Facility based CLEC - Loading of Custom Branded OA   | A                      | 00.00    | 1    |                                      |  |   | per shelf/NAV per      |
| 6          | MS    | PROCESSING  | Announcement per shelf/NAV per OCN<br>Oper. Call Processing - Oper. Provided, Per Min          | AMT                    | CBAOL    | -    |                                      | 500.00                                     | 500.00  | OCN                    |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | Using BST LIDB   |                        |          | 1    | 1.20                                 |  |   | minute                 |
| ,<br>,     |       |   | Oper. Call Processing - Oper. Provided, Per Min  |                        |          | 1    | 1.20                                 |  |   |                        |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | Using Foreign LIDB   |                        |          |      | 1.24                                 |  |   | minute                 |
|            |       |   | Oper. Call Processing - Fully Automated, per Call -  |                        |          |      |                                      |  |   |                        |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | Using BST LIDB   |                        |          |      | 0.20                                 |  |   | call                   |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB                      |                        |          | 1    | 0.20                                 |  |   | call                   |
| o          | IVIS  | OFERATOR GALL PROCESSING                                  | Operator Services - Rate Reference Initial Load per  |                        | +        | 1    | 0.20                                 |  |   | Call                   |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | state per OCN  |                        |          | 1    |                                      | 5,000.00                                   |   | per state per OCN      |
|            |       |   | Operator Services - Rate Reference Subsequent Load   |                        |          |      |                                      | .,   |   |                        |
| 6          | MS    | OPERATOR CALL PROCESSING                                  | per state per OCN  |                        | <u> </u> |      |                                      |  | 1,500.00  | per state per OCN      |

| Attachment | State | Product   | Rate Element Description  | COS (Class of Service) | USOC    | Monthly<br>Recurring<br>Zone Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit           |
|------------|-------|---|---|------------------------|---------|---|--|---|--------------------|
|            |       | LOCAL INTERCONNECTION (CALL                               | Rate for all ISP-Bound and Section 251(b)(5) Traffic as   |                        |         |   |  |   |                    |
| 2MR-AT     | NC    | TRANSPORT AND TERMINATION)                                | per FCC-01-131, per MOU (Effective Through 6/30/17)   |                        |         | 0.0007                                    |  |   | MOU                |
|            |       | LOCAL INTERCONNECTION (CALL                               | Rate for all ISP-Bound and Section 251(b)(5) Traffic as   |                        |         |   |  |   |                    |
| 2MR-AT     | NC    | TRANSPORT AND TERMINATION)                                | per FCC-01-131, per MOU (Effective 7/1/17)  |                        |         | 0.00bk                                    |  |   | MOU                |
|            |       | LOCAL INTERCONNECTION (CALL                               | Common Transport - Per Mile, Per MOU (Effective   |                        |         |   |  |   |                    |
| 2MR-AT     | NC    | TRANSPORT AND TERMINATION)                                | through 6/30/18)  |                        |         | 0.000023                                  |  |   | MILE/MOU           |
|            |       | LOCAL INTERCONNECTION (CALL                               | Common Transport - Per Mile, Per MOU (Effective   |                        |         |   |  |   |                    |
| 2MR-AT     | NC    | TRANSPORT AND TERMINATION)                                | 7/1/2018)<br>Common Transport - Facilities Termination Per MOU  |                        |         | 0.00bk                                    |  |   | MILE/MOU           |
| 2MR-AT     | NC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | (Effective through 6/30/18)   |                        |         | 0.0001676                                 |  |   | MOU                |
| ZIVIR-AT   | NC    | LOCAL INTERCONNECTION (CALL                               | Common Transport - Facilities Termination Per MOU   |                        |         | 0.0001676                                 |  |   | MOU                |
| 2MR-AT     | NC    | TRANSPORT AND TERMINATION)                                | (Effective 7/1/2018)  |                        |         | 0.00bk                                    |  |   | MOU                |
| 2MR-AT     | NC    | TRANSIT TRAFFIC SERVICE                                   |   |                        |         | 0.002                                     |  |   | MOU                |
| 2000701    |       |   | Local Intermediary Charge, composite, per MOU<br>Each subscriber will receive one (1) copy per primary  |                        |         | 0.002                                     |  |   | MOO                |
|            |       |   | End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are |                        |         |   |  |   |                    |
|            |       |   | delivered to AT&T's subscribers during the annual   |                        |         |   |  |   | primary End User   |
| 6          | NC    | DIRECTORY DELIVERY  | delivered to AT&T's subscribers during the annual delivery of newly published directories.              |                        |         |   |  |   | listing            |
| 0          | NC    | DIRECTORT DEEIVERT  | Facility Based CLEC - Recording and Provisioning of   |                        |         |   |  |   | iisuiig            |
| 6          | NC    | BRANDING - DIRECTORY ASSISTANCE                           | DA Custom Branded Announcement  | AMT                    | CBADA   |   | 3,000.00                                   | 3,000.00  | announcement       |
|            |       |   | Facility Based CLEC - Loading of Custom Branded   | ,                      | 02/12/1 |   | 0,000.000                                  | 0,000100  | dimodification     |
| 6          | NC    | BRANDING - DIRECTORY ASSISTANCE                           | Announcement per Switch per OCN   | AMT                    | CBADC   |   | 1,170.00                                   | 1,170.00  | per Switch per OCN |
|            |       |   | Directory Assistance Access Service Calls, Charge Per   |                        |         |   | ,  | ,   |                    |
| 6          | NC    | DIRECTORY ASSISTANCE SERVICES                             | Call  |                        |         | 0.31                                      |  |   | call               |
|            |       |   | Directory Assistance Call Completion Access Service   |                        |         |   |  |   |                    |
| 6          | NC    | DIRECTORY ASSISTANCE SERVICES                             | (DACC), Per Call Attempt  |                        |         | 0.10                                      |  |   | Call Attempt       |
| 0          | NC    |   | Directory Assistance - Rate Reference Initial Load per  |                        |         |   | 5 000 00                                   |   |                    |
| 6          | NC    | DIRECTORY ASSISTANCE SERVICES                             | state per OCN<br>Directory Assistance - Rate Reference Subsequent                                       |                        |         |   | 5,000.00                                   |   | per state per OCN  |
| 6          | NC    | DIRECTORY ASSISTANCE SERVICES                             | Load per state per OCN  |                        |         |   |  | 1 500 00  | per state per OCN  |
| 0          | INC.  | DIRECTORY ASSISTANCE SERVICES                             | Directory Assistance Database Service (DADS)-Initial  |                        |         |   |  | 1,500.00  | per siale per OCN  |
| 6          | NC    | SERVICE (DADS)  | Load, per listing   |                        |         |   | 0.04                                       |   | listing            |
|            |       | DIRECTORY ASSISTANCE DATABASE                             | Directory Assistance Database Service (DADS)-   |                        |         |   | 0.01                                       |   | lioting            |
| 6          | NC    | SERVICE (DADS)  | Update, per listing   |                        |         | 0.04                                      |  |   | listing            |
|            |       | DIRECTORY ASSISTANCE DATABASE                             | Directory Assistance Database Service (DADS)-Monthly  |                        |         |   |  |   |                    |
| 6          | NC    | SERVICE (DADS)  | Recurring Fee   |                        |         | 150.00                                    |  |   |                    |
|            |       | BRANDING - OPERATOR CALL                                  | Facility based CLEC - Recording of Custom Branded   |                        |         |   |  |   |                    |
| 6          | NC    | PROCESSING<br>BRANDING - OPERATOR CALL                    | OA Announcement   | AMT                    | CBAOS   |   | 7,000.00                                   | 7,000.00  | announcement       |
| G          | NC    |   | Facility based CLEC - Loading of Custom Branded OA  | ANT                    | CRAOL   |   | 500.00                                     | E00.00  | per shelf/NAV per  |
| 6          | NC    | PROCESSING  | Announcement per shelf/NAV per OCN<br>Oper, Call Processing - Oper, Provided, Per Min                   | AMT                    | CBAOL   |   | 500.00                                     | 500.00  | OCN                |
| 6          | NC    | OPERATOR CALL PROCESSING                                  | Using BST LIDB  |                        |         | 1.20                                      |  |   | minute             |
|            |       |   | Oper. Call Processing - Oper. Provided, Per Min   |                        |         | 1.20                                      |  |   | minuto             |
| 6          | NC    | OPERATOR CALL PROCESSING                                  | Using Foreign LIDB  |                        |         | 1.24                                      |  |   | minute             |
|            |       |   | Oper. Call Processing - Fully Automated, per Call -   |                        |         |   |  |   |                    |
| 6          | NC    | OPERATOR CALL PROCESSING                                  | Using BST LIDB  |                        |         | 0.20                                      |  |   | call               |
|            |       |   | Oper. Call Processing - Fully Automated, per Call -   |                        |         |   |  |   |                    |
| 6          | NC    | OPERATOR CALL PROCESSING                                  | Using Foreign LIDB  |                        |         | 0.20                                      |  |   | call               |
|            |       |   | Operator Services - Rate Reference Initial Load per   |                        |         |   |  |   |                    |
| 6          | NC    | OPERATOR CALL PROCESSING                                  | state per OCN   |                        |         |   | 5,000.00                                   |   | per state per OCN  |
| 6          | NO    | OPERATOR CALL PROCESSING                                  | Operator Services - Rate Reference Subsequent Load  |                        |         |   |  | 1 500 00  | por state OCh      |
| Ö          | NC    | UPERATUK CALL PROCESSING                                  | per state per OCN   |                        |         |   |  | 1,500.00  | per state per OCN  |

| Attachment  | State | Product                         | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non- Non-<br>Recurring Recurring<br>Charge (NRC) Charge (NRC)<br>First Additional | Per Unit          |
|-------------|-------|---------------------------------|---|------------------------|-------|------|--------------------------------------|---|-------------------|
|             |       | LOCAL INTERCONNECTION (CALL     | Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as   |                        |       |      | <b>•</b> • • • • • • •               |   |                   |
| 2MR-AT      | NV    | TRANSPORT AND TERMINATION)      | per FCC 01-131 (Effective Through 6/30/17)<br>Rate for All Traffic ISP-Bound and 251(b)(5) Traffic as |                        | GOC00 |      | \$ 0.0007                            |   | MOU               |
|             | ND/   | TRANSPORT AND TERMINATION       |   |                        | 00000 |      | ¢0.00                                |   | MOLL              |
| 2MR-AT<br>6 |       | DIRECTORY ASSISTANCE            | per FCC 01-131 (Effective 7/01/17)<br>Directory Assistance, per call                                  |                        | GOC00 |      | \$0.00<br>\$0.40                     | NA  | MOU<br>call       |
| 6           |       | DIRECTORY ASSISTANCE            | National Directory Assistance, per call   |                        |       |      | \$0.40                               | NA  | call              |
| 6           |       | DIRECTORY ASSISTANCE            | Reverse Directory Assistance (NDA), per call  |                        |       |      | \$0.65                               | NA  | call              |
| 6           |       | DIRECTORY ASSISTANCE            | Business Category Search (BCS), per call  |                        |       |      | \$0.65                               | NA  | call              |
| 0           | INV   | DIRECTORTASSISTANCE             | Express Call Completion / Directory Assistance Call   |                        |       |      | <b>CO.</b> 0φ                        | INA   | Call              |
| 6           | NV    | DIRECTORY ASSISTANCE            | Completion, per call  |                        |       |      | 0.15                                 | NA  | call              |
| 0           | INV   | BIRECTORT ASSISTANCE            | Directory Assistance Listing Services - per listing for   |                        |       |      | 0.13                                 |   | Call              |
| 6           | NV    | DIRECTORY ASSISTANCE LISTINGS   | Initial load  |                        |       |      |                                      | \$ 0.086615   | per listing       |
| 0           |       | BIREGTORT ADDIDTANCE EIGTINGO   | Directory Assistance Listing Services - per listing for   |                        |       |      |                                      | \$ 0.000015   | per listing       |
| 6           | NV    | DIRECTORY ASSISTANCE LISTINGS   | subsequent updates  |                        |       |      | \$ 0.086615                          | NA  | per listing       |
| 0           |       |                                 | Directory Assistance Listing Services - Lata-Wide Call  |                        |       |      | φ 0.000010                           | 107   | por libiling      |
| 6           | NV    | DIRECTORY ASSISTANCE LISTINGS   | Completion - Rate per MOU for each completed ECCS call  |                        |       |      | \$ 0.0120                            | NA  | MOU               |
| 6           | NV    | BRANDING - DIRECTORY ASSISTANCE | Branding - Other - Initial/Subsequent Load, per switch,<br>per OCN                                    | OPS++                  | BRAND |      | NA                                   | \$ 1,800.00 \$ 1,800.00   | switch, per OCN   |
| 6           | NV    | BRANDING - DIRECTORY ASSISTANCE | Brand and Reference/Rate Look Up, per DA call   |                        |       |      | \$0.03                               | NA  | per call          |
| 6           | NV    | BRANDING - DIRECTORY ASSISTANCE | Rate Reference - Initial Load, per state, per OCN   |                        |       |      | NA                                   | \$ 5,000.00   | state, per OCN    |
| 6           | NV    | BRANDING - DIRECTORY ASSISTANCE | Rate Reference - Subsequent Load, per state, per OCN  |                        |       |      | NA                                   | \$ 1,500.00   | state, per OCN    |
| -           |       | BRANDING - OPERATOR CALL        | Branding - Other - Initial/Subsequent Load, per switch,   |                        |       |      |                                      |   |                   |
| 6           | NV    | PROCESSING                      | per OCN   | OPS++                  | BRAND |      | NA                                   | \$ 1.800.00 \$ 1.800.00   | ) switch, per OCN |
|             |       | BRANDING - OPERATOR CALL        |   |                        |       |      |                                      | . ,   |                   |
| 6           |       | PROCESSING                      | Brand and Reference/Rate Look Up, per OS/DA call  |                        |       |      | \$0.03                               | NA  | per call          |
|             |       | BRANDING - OPERATOR CALL        |   |                        |       |      |                                      |   |                   |
| 6           |       | PROCESSING                      | Rate Reference - Initial Load, per state, per OCN   |                        |       |      | NA                                   | \$ 5,000.00   | state, per OCN    |
|             |       | BRANDING - OPERATOR CALL        |   |                        |       |      |                                      |   |                   |
| 6           |       | PROCESSING                      | Rate Reference - Subsequent Load, per state, per OCN  |                        |       |      | NA                                   | \$ 1,500.00   | state, per OCN    |
|             |       | BRANDING - OPERATOR CALL        |   |                        |       |      |                                      |   |                   |
| 6           | NV    | PROCESSING                      | Fully Automated Call Processing, per call   |                        |       |      | 0.15                                 | NA  | call              |
|             |       |                                 | Operator Assisted Call processing - All Types, per work   |                        |       |      |                                      |   |                   |
| 6           | NV    | OPERATOR CALL PROCESSING        | second  |                        |       |      | \$0.03                               | NA  | work second       |

|            |       |                               |  |                        |       |      |                      | Non-        | Non-                       |                    |
|------------|-------|-------------------------------|--|------------------------|-------|------|----------------------|-------------|----------------------------|--------------------|
|            |       |                               |  |                        |       |      | Monthly<br>Recurring | Recurring   | Recurring                  |                    |
| Attachment | State | Product                       | Rate Element Description   | COS (Class of Service) | USOC  | Zone | Charge (MRC)         |             | Charge (NRC)<br>Additional | Per Unit           |
|            |       | LOCAL INTERCONNECTION (CALL   | Rate for all ISP-Bound and Section 251(b)(5) Traffic as              |                        |       |      |                      |             |                            |                    |
| 2MR-AT     | ОН    | TRANSPORT AND TERMINATION)    | per FCC-01-131, per MOU (Effective Through 6/30/17)                  | OHU                    | USG15 |      | 0.0007               |             |                            | MOU                |
|            |       | LOCAL INTERCONNECTION (CALL   | Rate for all ISP-Bound and Section 251(b)(5) Traffic as              |                        |       |      |                      |             |                            |                    |
| 2MR-AT     |       | TRANSPORT AND TERMINATION)    | per FCC-01-131, per MOU (Effective 7/01/17)                          | OHU                    | USG15 |      | \$0.00               |             |                            | MOU                |
| 2MR-AT     |       | Transit Traffic Service       | Tandem Switching   | OHU                    | USG23 |      | \$0.004587           |             | NA                         | per minute of use  |
| 2MR-AT     | OH    | Transit Traffic Service       | Tandem Termination   | OHU                    | USG20 |      | \$0.000226           | NA          | NA                         |                    |
|            |       |                               |  |                        |       |      |                      |             |                            | per minute of use, |
| 2MR-AT     |       | Transit Traffic Service       | Tandem Facility - per mile   | OHU                    | USG21 |      | \$0.000188           |             |                            |                    |
| 6          | OH    | DIRECTORY ASSISTANCE SERVICES | Directory Assistance, per call                                       | XPU                    | OPEN  |      | \$ 0.40              | NA          |                            | per call           |
| 0          | 011   |                               | Directory Assistance National Directory Assistance                   | VDU                    | ODEN  |      | ¢ 0.05               |             |                            |                    |
| 6          | OH    | DIRECTORY ASSISTANCE SERVICES | (NDA), per call<br>Directory Assistance Reverse Directory Assistance | XPU                    | OPEN  |      | \$ 0.65              | NA          |                            | per call           |
| 6          | ОН    | DIRECTORY ASSISTANCE SERVICES | (RDA), per call  | XPU                    | OPEN  |      | \$ 0.65              | NA          |                            | nor coll           |
| 0          | UΠ    | DIRECTORT ASSISTANCE SERVICES | Directory Assistance Business Category Search (BCS),                 | APU                    | OPEN  |      | φ 0.00               | INA         |                            | per call           |
| 6          | ОН    | DIRECTORY ASSISTANCE SERVICES | per call   | XPU                    | OPEN  |      | \$ 0.65              | NA          |                            | per call           |
| 0          | UH    | DIRECTORT ASSISTANCE SERVICES |  | AFU                    | OFEN  |      | φ 0.05               | INA         |                            | per call           |
| 6          | ОН    | DIRECTORY ASSISTANCE SERVICES | Directory Assistance Call Completion (DACC), per call                | XPU                    | OPEN  |      | \$ 0.15              | NA          |                            | per call           |
| 0          | 011   | OPERATOR SERVICES/DIRECTORY   | Directory Assistance Gai Completion (DAGO), per can                  | XI 0                   | OFEN  |      | φ 0.15               | 11/4        |                            | per can            |
|            |       | ASSISTANCE AUTOMATED CALL     | Branding - Other - Initial/Subsequent Load, per switch               |                        |       |      |                      |             |                            |                    |
| 6          | ОН    | GREETING                      | per OCN  |                        |       |      | NA                   | \$ 1,800.00 |                            | Per OCN            |
|            |       | OPERATOR SERVICES/DIRECTORY   |  |                        |       |      |                      | • ,         |                            |                    |
|            |       | ASSISTANCE AUTOMATED CALL     |  |                        |       |      |                      |             |                            |                    |
| 6          | OH    | GREETING                      | Branding and Reference/Rate Look Up, per OS/DA call                  | XPU                    | OPEN  |      | \$ 0.03              | NA          |                            | per call           |
|            |       | OPERATOR SERVICES/DIRECTORY   | Directory Assistance Rate Reference - Initial Load, per              |                        |       |      |                      |             |                            |                    |
| 6          | OH    | ASSISTANCE RATE/REFERENCES    | state, per OCN   |                        |       |      | NA                   | \$ 5,000.00 |                            | per state, per OCN |
|            |       | OPERATOR SERVICES/DIRECTORY   | Directory Assistance Rate Reference - Subsequent                     |                        |       |      |                      |             |                            |                    |
| 6          | OH    | ASSISTANCE RATE/REFERENCES    | Load, per state, per OCN   |                        |       |      | NA                   | NA          | \$ 1,500.00                | per state, per OCN |
|            |       |                               | Operator Services Fully Automated Call Processing, per               |                        |       |      |                      |             |                            |                    |
| 6          | OH    | OPERATOR CALL PROCESSING      | call   | XPU                    | OPEN  |      | \$ 0.15              | NA          |                            | per call           |
|            |       |                               | Operator Assisted Call Processing - All Types, per work              |                        |       |      |                      |             |                            |                    |
| 6          |       | OPERATOR CALL PROCESSING      | second   | XPU                    | OPEN  |      | \$ 0.03              |             |                            | per work second    |
| 6          | OH    | DIRECTORY ASSISTANCE SERVICES | Directory Assistance - per listing for initial load                  |                        |       |      | NA                   | \$ 0.040    |                            | per listing        |
|            |       |                               | Directory Assistance - per listing for subsequent                    |                        |       |      |                      |             |                            | 11 - A             |
| 6          | OH    | DIRECTORY ASSISTANCE SERVICES | updates  |                        |       |      | \$ 0.060             |             |                            | per listing        |
|            |       | ASSISTANCE AUTOMATED CALL     |  |                        |       |      |                      |             |                            |                    |
| 6          | ОН    | GREETING                      | Bronding, por trunk group  |                        |       |      |                      | \$800.00    |                            |                    |
| Ö          | UH    | GREETING                      | Branding, per trunk group  |                        |       | 1    |                      | \$800.00    |                            |                    |

| Attachment       | State    | Product  | Rate Element Description   | COS (Class of Service) | USOC           | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                     |
|------------------|----------|--|--|------------------------|----------------|------|--------------------------------------|--|---|------------------------------|
| 2MR-AT           | ОК       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Rate for All ISP-Bound and section 251(b)(5) Traffic as per FCC 01-131, per MOU (Effective Through 6/30/17)                          |                        | ZZUR2          |      | \$0.0007                             | NA   | NA  | MOU                          |
|                  | OK       |  | Rate for All ISP-Bound and section 251(b)(5) Traffic as  |                        | 771100         |      | ¢0.00                                |  |   | MOLL                         |
| 2MR-AT<br>2MR-AT | OK<br>OK | TRANSPORT AND TERMINATION) Transit Traffic Service             | per FCC 01-131, per MOU (Effective 7/01/17)<br>Transit Rate (Zone 1 - Rural)   |                        | ZZUR2<br>ZZUTN | 1    | \$0.00<br>\$0.001770                 | NA<br>NA                                   | NA<br>NA  | MOU<br>per minute of use     |
| 2MR-AT<br>2MR-AT | OK       | Transit Traffic Service  | Transit Rate (Zone 1 - Rural)<br>Transit Rate (Zone 2 - Suburban)  |                        | ZZUTN          | 2    | \$0.001770                           | NA<br>NA                                   |   |                              |
| 2MR-AT           | OK       | Transit Traffic Service  | Transit Rate (Zone 2 - Suburban)   |                        | ZZUTN          | 2    | \$0.001485                           | NA<br>NA                                   |   |                              |
| 2MR-A1<br>6      | OK       | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance (DA) - per call   |                        | ZZUTN<br>ZZUO3 | 3    | \$0.001356                           | NA<br>NA                                   |   |                              |
| 6                | OK       | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance (DA) - per call   |                        | ZZU03<br>ZZU04 |      | \$0.40                               | NA   | NA  |                              |
| 0                | UK       | DIRECTORT ASSISTANCE SERVICES                                  | Directory Assistance (DA) - per call - credit  |                        | 22004          |      | <b>\$</b> 0.40                       | INA  | INA   |                              |
| 6                | OK       | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance Call Completion (DACC) - per call   |                        | ZZUO7          |      | \$0.15                               | NA   |   |                              |
| 6                | OK       | DIRECTORY ASSISTANCE SERVICES                                  | National Directory Assistance (NDA)- per call  |                        | ZZUO5          |      | \$0.65                               | NA   |   |                              |
| 6                | OK       | DIRECTORY ASSISTANCE SERVICES                                  | National Directory Assistance (NDA)- per call - credit   |                        | ZZUO6          |      | \$0.65                               | NA   | NA  | per call                     |
| 6                | OK       | DIRECTORY ASSISTANCE SERVICES                                  | Business Category Search (BCS) per call  |                        | ZZUOB          |      | \$0.65                               | NA   |   |                              |
| 6                | OK<br>OK | DIRECTORY ASSISTANCE SERVICES<br>DIRECTORY ASSISTANCE SERVICES | Reverse Directory Assistance, per call   |                        | ZZUO8<br>ZZUO9 |      | \$0.65                               | NA   | NA<br>NA  |                              |
| 6                | OK       | BRANDING - DIRECTORY ASSISTANCE                                | Reverse Directory Assistance, per call - credit<br>Directory Assistance - Branding - Initial/Subsequent<br>Load, per switch, per OCN |                        | NRBDG          |      | \$0.65<br>NA                         | NA<br>\$1,800.00                           |   | per call per switch, per OCN |
| 6                | ОК       |  | Directory Assistance - Branding Per call   |                        | ZZUCB          |      | \$0.03                               | NA   | NA  |                              |
| 6                | ок       | BRANDING - DIRECTORY ASSISTANCE                                | Directory Assistance - Based Rate Reference - Initial<br>Load, per state, per OCN  |                        | NRBDL          |      | NA                                   | \$5,000.00                                 | NA  | per state per OCN            |
| 6                | ОК       | BRANDING - DIRECTORY ASSISTANCE                                | Directory Assistance Rate Reference - Subsequent<br>Load, per state, per OCN   |                        | NRBDM          |      | NA                                   | \$1,500.00                                 | NA  | per state per OCN            |
| 6                | ОК       | DIRECTORY ASSISTANCE LISTINGS                                  | Directory Assistance Listings (DAL) - Initial Load, per<br>listing   |                        |                |      | \$0.0585                             | NA   | NA  | per listing                  |
| 6                | ОК       | DIRECTORY ASSISTANCE LISTINGS                                  | Directory Assistance Listings (DAL) - Update, per listing  |                        |                |      | \$0.0585                             | NA   | NA  | per listing                  |
| 6                | ОК       | DIRECTORY ASSISTANCE LISTINGS                                  | Directory Assistance Listings (DAL) - Non-Pub<br>Emergency Message Service   |                        |                |      | \$2.10                               | NA   |   |                              |
| 6                | OK       | DIRECTORY LISTING PRODUCT                                      | White Page Directory Listings  |                        |                |      |                                      | NA   | NA  |                              |
| 6                | OK       | DIRECTORY LISTING PRODUCT                                      | Non Published/Non List Directory Listings  |                        |                |      |                                      | NA   | NA  |                              |
| 6                | ОК       | OPERATOR CALL PROCESSING                                       | Operated Services - Fully Automated Call Processing<br>(Per completed automated call)  |                        | ZZUO1          |      | \$0.15                               | NA   | NA  | completed<br>automated call  |
| 6                | ОК       | OPERATOR CALL PROCESSING                                       | Operator Assisted Call Processing All Types per work<br>second   |                        | ZZUO2          |      | \$0.03                               | NA   | NA  | per work second              |
| 6                | ок       | BRANDING - OPERATOR CALL<br>PROCESSING                         | Operator Services - Branding - Initial/Subsequent Load<br>per switch, per OCN  |                        | NRBDG          |      | NA                                   | \$1,800.00                                 | \$1,800.00                                      | per switch, per OCN          |
| 6                | ОК       | BRANDING - OPERATOR CALL<br>PROCESSING                         | Operator Services - Branding Per call  |                        | ZZUCB          |      | \$0.030                              | NA   | NA  | per call                     |
| 6                | ОК       | BRANDING - OPERATOR CALL<br>PROCESSING                         | Operator Services - Based Rate Reference - Initial<br>Load, per state per OCN  |                        | NRBDL          |      | NA                                   | \$5,000.00                                 | NA  | per state per OCN            |
| 6                | ок       | BRANDING - OPERATOR CALL<br>PROCESSING                         | Operator Services Rate Reference - Subsequent Load,<br>per state, per OCN  |                        | NRBDM          |      | NA                                   | \$1,500.00                                 | NA  | per state per OCN            |

| Attachment | State | Product   | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit                    |
|------------|-------|---|---|------------------------|-------|------|--------------------------------------|--|---|-----------------------------|
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)   |                        |       |      | 0.0007                               |  |   | MOU                         |
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)   |                        |       |      | 0.00bk                               |  |   | MOU                         |
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)  |                        |       |      | 0.0000045                            |  |   | MILE/MOU                    |
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Common Transport - Per Mile, Per MOU (Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MILE/MOU                    |
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)  |                        |       |      | 0.0004095                            |  |   | MOU                         |
| 2MR-AT     | SC    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION) | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | MOU                         |
| 6          |       | DIRECTORY DELIVERY  | Each subscriber will receive one (1) copy per primary<br>End User listing of AT&T White Pages directory in the<br>same manner and at the same time that they are<br>delivered to AT&T's subscribers during the annual<br>delivery of newly published directories. |                        |       |      |                                      |  |   | primary End User<br>listing |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE                           | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement   | AMT                    | CBADA |      |                                      | 3,000.00                                   | 3,000.00  | announcement                |
| 6          |       | BRANDING - DIRECTORY ASSISTANCE                           | Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN  | AMT                    | CBADC |      |                                      | 1,170.00                                   | ,   | per Switch per OCN          |
| 6          | SC    | DIRECTORY ASSISTANCE SERVICES                             | Directory Assistance Access Service Calls, Charge Per<br>Call   |                        |       |      | 0.31                                 |  |   | call                        |
| 6          | SC    | DIRECTORY ASSISTANCE SERVICES                             | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt   |                        |       |      | 0.10                                 |  |   | Call Attempt                |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE<br>SERVICES               | Directory Assistance - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN           |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE<br>SERVICES               | Directory Assistance - Rate Reference Subsequent<br>Load per state per OCN  |                        |       |      |                                      |  | 1,500.00  | per state per OCN           |
| 6          | SC    | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)           | Directory Assistance Database Service (DADS)-Initial<br>Load, per listing   |                        |       |      |                                      | 0.04                                       |   | listing                     |
| 6          | SC    | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)           | Directory Assistance Database Service (DADS)-<br>Update, per listing  |                        |       |      | 0.04                                 |  |   | listing                     |
| 6          | SC    | DIRECTORY ASSISTANCE DATABASE<br>SERVICE (DADS)           | Directory Assistance Database Service (DADS)-Monthly<br>Recurring Fee   |                        |       |      | 150.00                               |  |   |                             |
| 6          | SC    | BRANDING - OPERATOR CALL<br>PROCESSING                    | Facility based CLEC - Recording of Custom Branded<br>OA Announcement  | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  |                             |
| 6          | SC    | BRANDING - OPERATOR CALL<br>PROCESSING                    | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per shelf/NAV per OCN  | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per shelf/NAV per<br>OCN    |
| 6          | SC    | OPERATOR CALL PROCESSING                                  | Oper. Call Processing - Oper. Provided, Per Min<br>Using BST LIDB   |                        |       |      | 1.20                                 |  |   | minute                      |
| 6          | SC    | OPERATOR CALL PROCESSING                                  | Oper. Call Processing - Oper. Provided, Per Min<br>Using Foreign LIDB   |                        |       |      | 1.24                                 |  |   | minute                      |
| 6          | SC    | OPERATOR CALL PROCESSING                                  | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB   |                        |       |      | 0.20                                 |  |   | call                        |
| 6          |       | OPERATOR CALL PROCESSING                                  | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB   |                        |       |      | 0.20                                 |  |   | call                        |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING                    | Operator Services - Rate Reference Initial Load per<br>state per OCN  |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN           |
| 6          | SC    | BRANDING - OPERATOR CALL<br>PROCESSING                    | Operator Services - Rate Reference Subsequent Load<br>per state per OCN   |                        |       |      |                                      |  | 1,500.00  | per state per OCN           |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE                           | Wholesale CLEC - Recording of DA Custom Branded<br>Announcement   |                        |       |      |                                      | 3,000.00                                   | 3,000.00  |                             |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE                           | Wholesale CLEC - Loading of DA Custom Branded<br>Announcement per Switch per OCN  |                        |       |      |                                      | 1,170.00                                   | 1 170 00  | per Switch per OCN          |

|            |       |                                 |   |                        |      |      | Monthly<br>Recurring | Non-<br>Recurring<br>Charge (NRC) | • • •      |                    |
|------------|-------|---------------------------------|---|------------------------|------|------|----------------------|-----------------------------------|------------|--------------------|
| Attachment | State | Product                         | Rate Element Description                            | COS (Class of Service) | USOC | Zone | Charge (MRC)         | First                             | Additional | Per Unit           |
|            |       |                                 | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |      |      |                      |                                   |            |                    |
| 6          | SC    |                                 | DA per OCN (1 OCN per Order)                        |                        |      |      |                      | 420.00                            | 420.00     | OCN                |
|            |       |                                 | Unbranding via OLNS for Wholesale CLEC - Loading of |                        |      |      |                      |                                   |            |                    |
| 6          | SC    | BRANDING - DIRECTORY ASSISTANCE | DA per Switch per OCN                               |                        |      |      |                      | 16.00                             | 16.00      | per Switch per OCN |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Recording of Custom Branded OA     |                        |      |      |                      |                                   |            |                    |
| 6          | SC    | PROCESSING                      | Announcement  |                        |      |      |                      | 7,000.00                          | 7,000.00   |                    |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Loading of Custom Branded OA       |                        |      |      |                      |                                   |            | per shelf/NAV per  |
| 6          | SC    | PROCESSING                      | Announcement per shelf/NAV per OCN                  |                        |      |      |                      | 500.00                            | 500.00     | OCN                |
|            |       | BRANDING - OPERATOR CALL        | Wholesale CLEC - Unbranding via OLNS - Loading of   |                        |      |      |                      |                                   |            |                    |
| 6          | SC    | PROCESSING                      | OA per OCN (Regional)                               |                        |      |      |                      | 1,200.00                          | 1,200.00   | OCN                |
|            |       |                                 | Wholesale CLEC - Loading of OA Custom Branded       |                        |      |      |                      |                                   | ,          |                    |
| 6          | SC    |                                 | Announcement per Switch per OCN                     |                        |      |      |                      | 1,170.00                          | 1,170.00   | per Switch per OCN |

| Attachment | State | Product  | Rate Element Description  | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit           |
|------------|-------|--|---|------------------------|-------|------|--------------------------------------|--|---|--------------------|
| 2MR-AT     | TN    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective Through 6/30/17)   |                        |       |      | 0.0007                               |  |   | MOU                |
| 2MR-AT     | TN    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Rate for all ISP-Bound and Section 251(b)(5) Traffic as per FCC-01-131, per MOU (Effective 7/01/17)   |                        |       |      | 0.00bk                               |  |   | MOU                |
| 2MR-AT     | TN    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Common Transport - Per Mile, Per MOU (Effective through 6/30/18)  |                        |       |      | 0.0000064                            |  |   | Per Mile, Per MOU  |
| 2MR-AT     | TN    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Common Transport - Per Mile, Per MOU (Effective 7/1/2018)   |                        |       |      | 0.00bk                               |  |   | Per Mile, Per MOU  |
| 2MR-AT     |       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Common Transport - Facilities Termination Per MOU<br>(Effective through 6/30/18)  |                        |       |      | 0.000064                             |  |   | Per Mile, Per MOU  |
| 2MR-AT     |       | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)      | Common Transport - Facilities Termination Per MOU<br>(Effective 7/1/2018)   |                        |       |      | 0.0000004                            |  |   | Per Mile, Per MOU  |
| 6          |       | BRANDING - DIRECTORY ASSISTANCE                                | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement   | AMT                    | CBADA |      | 0.000                                | 3,000.00                                   | 3,000.00  | ,                  |
|            |       |  | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement [DISCONNECT]  |                        |       |      |                                      |  |   |                    |
| 6          | TN    | BRANDING - DIRECTORY ASSISTANCE                                | (USOC=CBADA)  | AMT                    | SOMAN |      |                                      | 13.32                                      | 1.40  | announcement       |
| 6          | TN    | BRANDING - DIRECTORY ASSISTANCE                                | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement (USOC=CBADA)  | AMT                    | SOMAN |      |                                      | 20.35                                      | 10.54   | announcement       |
| 6          | TN    | BRANDING - DIRECTORY ASSISTANCE                                | Facility Based CLEC - Recording and Provisioning of<br>DA Custom Branded Announcement [DISCONNECT]  | AMT                    | CBADA |      |                                      | 7.03                                       | 7.03  | announcement       |
| 6          | TN    | BRANDING - DIRECTORY ASSISTANCE                                | Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN  | AMT                    | CBADC |      |                                      | 1,170.00                                   | 1,170.00  | per Switch per OCN |
| 6          | TN    | BRANDING - DIRECTORY ASSISTANCE                                | Facility Based CLEC - Loading of Custom Branded<br>Announcement per Switch per OCN (USOC=CBADC)   | AMT                    | SOMAN |      |                                      | 20.35                                      | 10.54   | per Switch per OCN |
| 6          | TN    | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance Access Service Calls, Charge Per<br>Call   |                        |       |      | 0.31                                 |  |   | call               |
| 6          | TN    | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance Call Completion Access Service<br>(DACC), Per Call Attempt   |                        |       |      | 0.10                                 |  |   | Call Attempt       |
| 6          | TN    | DIRECTORY ASSISTANCE SERVICES                                  | Directory Assistance - Rate Reference Initial Load per<br>state per OCN   |                        |       |      |                                      | 5,000.00                                   |   | per state per OCN  |
| 6          | TN    | DIRECTORY ASSISTANCE SERVICES<br>DIRECTORY ASSISTANCE DATABASE | Directory Assistance - Rate Reference Subsequent<br>Load per state per OCN<br>Directory Assistance Database Service (DADS)-Initial                  |                        |       |      |                                      |  | 1,500.00  | per state per OCN  |
| 6          |       | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                | Load, per listing<br>Directory Assistance Database Service (DADS)-Initial<br>Directory Assistance Database Service (DADS)-                          |                        |       |      |                                      | 0.04                                       |   | listing            |
| 6          |       | SERVICE (DADS)<br>DIRECTORY ASSISTANCE DATABASE                | Update, per listing<br>Directory Assistance Database Service (DADS)-<br>Directory Assistance Database Service (DADS)-Monthly                        |                        |       |      | 0.04                                 |  |   | listing            |
| 6          | TN    | SERVICE (DADS)<br>BRANDING - OPERATOR CALL                     | Recurring Fee<br>Facility based CLEC - Recording of Custom Branded  |                        |       |      | 150.00                               |  |   |                    |
| 6          | TN    | PROCESSING   | OA Announcement   | AMT                    | CBAOS |      |                                      | 7,000.00                                   | 7,000.00  | announcement       |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING                         | Facility based CLEC - Recording of Custom Branded<br>OA Announcement [DISCONNECT] (USOC=CBAOS)<br>Facility based CLEC - Recording of Custom Branded | AMT                    | SOMAN |      |                                      | 19.99                                      | 19.99   | announcement       |
| 6          |       | BRANDING - OPERATOR CALL<br>PROCESSING                         | OA Announcement (USOC=CBAOS)  | AMT                    | SOMAN |      |                                      | 19.99                                      | 19.99   | announcement       |
| 6          | TN    | BRANDING - OPERATOR CALL<br>PROCESSING                         | Facility based CLEC - Recording of Custom Branded<br>OA Announcement [DISCONNECT]   | AMT                    | CBAOS |      |                                      | 7.03                                       | 7.03  | announcement       |
| 6          | TN    | BRANDING - OPERATOR CALL<br>PROCESSING                         | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per state per OCN  | AMT                    | CBAOL |      |                                      | 500.00                                     | 500.00  | per state per OCN  |
| 6          | TN    | BRANDING - OPERATOR CALL<br>PROCESSING                         | Facility based CLEC - Loading of Custom Branded OA<br>Announcement per state per OCN (USOC=CBAOL)   | АМТ                    | SOMAN |      |                                      | 19.99                                      | 19.99   | per state per OCN  |

| Attechment | State | Draduat                  | Rote Element Description  | COS (Class of Samias)  | USOC |                   | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Der Unit          |
|------------|-------|--------------------------|---|------------------------|------|-------------------|--|---|-------------------|
| Attachment | State | Product                  | Rate Element Description Oper. Call Processing - Oper. Provided, Per Min  | COS (Class of Service) | 0500 | Zone Charge (MRC) | FIrst                                      | Additional                                      | Per Unit          |
| 6          | TN    | OPERATOR CALL PROCESSING | Using BST LIDB  |                        |      | 1.20              |  |   | minute            |
|            |       |                          | Oper. Call Processing - Oper. Provided, Per Min                           |                        |      |                   |  |   |                   |
| 6          | TN    | OPERATOR CALL PROCESSING | Using Foreign LIDB  |                        |      | 1.24              |  |   | minute            |
| 6          | ΤN    | OPERATOR CALL PROCESSING | Oper. Call Processing - Fully Automated, per Call -<br>Using BST LIDB     |                        |      | 0.20              |  |   | call              |
| 6          | TN    | OPERATOR CALL PROCESSING | Oper. Call Processing - Fully Automated, per Call -<br>Using Foreign LIDB |                        |      | 0.20              |  |   | call              |
| 6          | TN    | OPERATOR CALL PROCESSING | Operator Services - Rate Reference Initial Load per<br>state per OCN      |                        |      |                   | 5,000.00                                   |   | per state per OCN |
| 6          | TN    | OPERATOR CALL PROCESSING | Operator Services - Rate Reference Subsequent Load<br>per state per OCN   |                        |      |                   |  | 1,500.00  | per state per OCN |

| Attachment | State | Product   | Rate Element Description  | COS (Class of Service) | USOC   | Monthly Recurring<br>Zone Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit            |
|------------|-------|---|---|------------------------|--------|--|--|---|---------------------|
| 2MR-AT     | тх    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)                                 | Optional EAS Transport & Termination per MOU<br>(Effective 7/1/2015 – 6/30/2016)  |                        | ZZUR2  | \$ 0.00129567                          | NA   | NA  | MOU                 |
| 2MR-AT     | тх    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)<br>LOCAL INTERCONNECTION (CALL  | Optional EAS Transport & Termination per MOU<br>(Effective 7/1/2016 – 6/30/2017)<br>Optional EAS Transport & Termination per MOU  |                        | ZZUR2  | \$0.0007                               | ' NA                                       | NA  | MOU                 |
| 2MR-AT     | тх    | TRANSPORT AND TERMINATION)  | (Effective 7/1/2017)  |                        | ZZUR2  | \$0.00                                 | NA   | NA  | MOU                 |
| 2MR-AT     | тх    | LOCAL INTERCONNECTION (CALL<br>TRANSPORT AND TERMINATION)<br>ILOCAL INTERCONNECTION (CALL | Rate for All ISP-Bound and section 251(b)(5) Traffic as<br>per FCC 01-131, per MOU (Effective Through 6/30/17)<br>Rate for All ISP-Bound and section 251(b)(5) Traffic as |                        | ZZUR2  | \$0.000700                             | NA   | NA  | MOU                 |
| 2MR-AT     | тх    | TRANSPORT AND TERMINATION)  | per FCC 01-131, per MOU (Effective 7/01/17)   |                        | ZZUR2  | \$0.00000                              | NA   | NA  | MOU                 |
| 2MR-AT     |       | Transit Traffic Service   | Local Transiting  |                        | ZZUTN  | \$0.000960                             | NA NA                                      | NA  |                     |
| 2MR-AT     |       | Transit Traffic Service   | Optional EAS Transit  |                        | 220111 | \$0.001030                             | NA NA                                      | NA  |                     |
| 6          | TX    | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance (DA) - per call  |                        | ZZUO3  | \$0.001030                             |  | NA  | per call            |
| 6          | TX    | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance (DA) - per call - Credit   |                        | ZZUO4  | \$0.40                                 |  | NA  | per call            |
|            |       |   |   |                        |        |  |  |   | ·                   |
| 6          | ΤX    | DIRECTORY ASSISTANCE SERVICES   | Directory Assistance Call Completion (DACC) - per cal   |                        | ZZUO7  | \$0.15                                 |  | NA  | per call            |
| 6          |       | DIRECTORY ASSISTANCE SERVICES   | National Directory Assistance (NDA) per cal   |                        | ZZUO5  | \$0.65                                 |  | NA  | per call            |
| 6          |       | DIRECTORY ASSISTANCE SERVICES   | National Directory Assistance (NDA) per call - credit   |                        | ZZUO6  | \$0.65                                 |  | NA  | per call            |
| 6          |       | DIRECTORY ASSISTANCE SERVICES   | Business Category Search (BCS) per call   |                        | ZZUOB  | \$0.65                                 |  | NA  | per call            |
| 6          | TX    | DIRECTORY ASSISTANCE SERVICES   | Reverse Directory Assistance (RDA) per call   |                        | ZZUO8  | \$0.65                                 |  | NA  | per call            |
| 6          |       |   | Reverse Directory Assistance (RDA) per call - credit  |                        | ZZUO9  | \$0.65                                 |  | NA  | per call            |
| 6          | TX    | DIRECTORY LISTING PRODUCT   | White Page Directory Listings   |                        |        |  | NA   | NA  |                     |
| 6          | TX    | DIRECTORY LISTING PRODUCT   | Non Published/Non List Directory Listings   |                        |        |  | NA   | NA  |                     |
| 6          | тх    | BRANDING - DIRECTORY ASSISTANCE   | Directory Assistance - Branding - Initial/Subsequent<br>Load per switch, per OCN  |                        | NRBDG  | NA                                     | \$1,800.00                                 | \$1,800.00                                      | per switch, per OCN |
| 6          | тх    | BRANDING - DIRECTORY ASSISTANCE   | Directory Assistance - Branding Per call<br>Directory Assistance - Rate Reference Initial Load per  |                        | ZZUCB  | \$0.03                                 | NA   | NA  | per call            |
| 6          | тх    | BRANDING - DIRECTORY ASSISTANCE   | ,   |                        | NRBDL  | NA                                     | \$5,000.00                                 | NA  | per state, per OCN  |
| 6          | ТХ    | BRANDING - DIRECTORY ASSISTANCE   |   |                        | NRBDM  | NA                                     | \$1,500.00                                 | NA  | per state, per OCN  |
| 6          | ТХ    | DIRECTORY ASSISTANCE LISTINGS   | listing   |                        |        | \$0.0585                               | NA   | NA  | per listing         |
| 6          | ТХ    | DIRECTORY ASSISTANCE LISTINGS   | Directory Assistance Listings (DAL)-Update, per listing<br>Directory Assistance Listings (DAL) - Non-Pub  |                        |        | \$0.0585                               | NA   | NA  | per listing         |
| 6          | ТХ    | DIRECTORY ASSISTANCE LISTINGS   | Emergency Service<br>Operated Services - Fully Automated Call Processing  |                        |        | \$2.10                                 | NA   | NA  | per completed       |
| 6          | ТХ    | OPERATOR CALL PROCESSING  | (Per completed automated call)<br>(Operator Assisted Call Processing All Types per work   |                        | ZZUO1  | \$0.15                                 | NA   | NA  |                     |
| 6          | ТХ    | OPERATOR CALL PROCESSING<br>BRANDING - OPERATOR CALL                                      | Second<br>Operator Services - Branding Initial/Subsequent Load  |                        | ZZUO2  | \$0.03                                 | NA   | NA  | per work second     |
| 6          | ТХ    | PROCESSING<br>BRANDING - OPERATOR CALL  | per switch, per OCN   |                        | NRBDG  | NA                                     | \$1,800.00                                 | \$1,800.00                                      | per switch, per OCN |
| 6          | ТХ    | PROCESSING<br>BRANDING - OPERATOR CALL  | Operator Services - Branding Per call<br>Operator Services - Rate Reference - Initial Load per  |                        | ZZUCB  | \$0.03                                 | NA   | NA  | per call            |
| 6          | ТХ    | PROCESSING<br>BRANDING - OPERATOR CALL  | state, per OCN<br>[Operator Services - Rate Reference - Subsequent Load   |                        | NRBDL  | NA                                     | \$5,000.00                                 | NA  | per state, per OCN  |
| 6          | тх    | PROCESSING  | per state, per OCN  |                        | NRBDM  | NA                                     | \$1,500.00                                 | NA  | per state, per OCN  |

| Attachment | State | Product  | Rate Element Description   | COS (Class of Service) | USOC  | Zone | Monthly<br>Recurring<br>Charge (MRC) | Non-<br>Recurring<br>Charge (NRC)<br>First | Non-<br>Recurring<br>Charge (NRC)<br>Additional | Per Unit               |
|------------|-------|--|--|------------------------|-------|------|--------------------------------------|--|---|------------------------|
|            |       | LOCAL INTERCONNECTION (CALL  | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |       |      |                                      |  |   |                        |
| 2MR-AT     | WI    | TRANSPORT AND TERMINATION)   | per FCC-01-131, per MOU (Effective Through 6/30/17)  | OHU                    | USG15 |      | 0.0007                               |  |   | MOU                    |
|            |       | LOCAL INTERCONNECTION (CALL  | Rate for all ISP-Bound and Section 251(b)(5) Traffic as  |                        |       |      |                                      |  |   |                        |
| 2MR-AT     |       | TRANSPORT AND TERMINATION)   | per FCC-01-131, per MOU (Effective 7/01/17)  | OHU                    | USG15 |      | \$0.00                               |  |   | MOU                    |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | Directory Assistance, per call   | XPU                    | OPEN  |      | \$ 0.40                              |  | NA  | per call               |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | National Directory Assistance (NDA), per call  | XPU                    | OPEN  |      | \$ 0.65                              |  | NA  | per call               |
| 6          | WI    | DIRECTORY ASSISTANCE SERVICES  | Reverse Directory Assistance (RDA), per call   | XPU                    | OPEN  |      | \$ 0.65                              | NA   | NA  | per call               |
| 6          | WI    | DIRECTORY ASSISTANCE SERVICES  | Business Category Search (BCS) / if applicable, per call   | XPU                    | OPEN  |      | \$ 0.65                              | NA   | NA  | per call               |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | Directory Assistance Call Completion (DACC)  | XPU                    | OPEN  |      | \$ 0.15                              |  | NA  | por oun                |
| 6          | WI    | OPERATOR SERVICES/DIRECTORY<br>ASSISTANCE AUTOMATED CALL<br>GREETING<br>OPERATOR SERVICES/DIRECTORY<br>ASSISTANCE AUTOMATED CALL | Branding - Other - Initial/Subsequent Load per switch<br>per OCN                                   |                        |       |      |                                      | \$ 1,800.00                                |   |                        |
| 6          | WI    | GREETING   | Branding Per call  | XPU                    | OPEN  |      | \$ 0.03                              |  |   | per call               |
| 6          | WI    | OPERATOR SERVICES/DIRECTORY<br>ASSISTANCE AUTOMATED CALL<br>GREETING   | Branding-Facility Based-Initial/Subsequent Load -<br>Branding, per trunk group                     | XI 0                   | OFEN  |      | <u> </u>                             |  | NA  | per call               |
| 6          | WI    | OPERATOR SERVICES/DIRECTORY<br>ASSISTANCE RATE/REFERENCES<br>OPERATOR SERVICES/DIRECTORY   | Rate Reference - Initial Load, per state, per OCN  |                        |       |      | NA                                   | \$ 5,000.00                                | NA  | per switch,<br>per OCN |
| 6          |       | ASSISTANCE RATE/REFERENCES   | Rate Reference - Subsequent Load, per state, per OCN   |                        |       |      | NA                                   | \$ 1,500.00                                |   | per switch,<br>per OCN |
| 6          | WI    | OPERATOR CALL PROCESSING   | Fully Automated Call Processing, per call  | XPU                    | OPEN  |      | \$ 0.15                              | NA   | NA  | per call               |
| 6          | WI    | OPERATOR CALL PROCESSING   | Operator Assisted Call Processing All Types, per<br>work second                                    | XPU                    | OPEN  |      | \$ 0.03                              | NA   | NA  | per work second        |
| 6          |       | OPERATOR CALL PROCESSING   | Branding-Other-Initial/Subsequent Load   | -                      | -     |      |                                      | \$ 1,800.00                                |   |                        |
| 6          | WI    | OPERATOR CALL PROCESSING   | per call   | XPU                    | OPEN  |      | \$ 0.03                              |  |   |                        |
| 6          |       | OPERATOR CALL PROCESSING   | Branding-Facility Based-Initial/Subsequent Load -<br>Branding, per trunk group                     |                        |       |      |                                      | \$ 800.00                                  |   |                        |
| 6          | WI    | OPERATOR CALL PROCESSING   | Operator Services - Rate Reference - Initial Load  |                        |       |      |                                      | \$ 5,000.00                                |   |                        |
| 6          |       | OPERATOR CALL PROCESSING<br>DIRECTORY ASSISTANCE SERVICES  | Operator Services - Rate Reference - Subsequent Load<br>DA Listings - per listing for initial load |                        |       |      |                                      | \$ 1,500.00<br>\$ 0.040                    | NA  | per listing            |
| 6          |       | DIRECTORY ASSISTANCE SERVICES  | DA Listings - per listing for subsequent updates   |                        |       |      | \$ 0.060                             | • • • •                                    | NA  | per listing            |
| U          | 0.01  | DIRECTORT ASSISTANCE SERVICES  | Listings - her listing for subsequent updates  |                        | I     | 1    | ψ 0.060                              | 1  | NA  | per listing            |