SINGLE SOURCE AWARD **BID # SS-10066-21**

Subject: AT&T Legacy Voice and SONET Ring Services

Department: Information Technologies Division

Description of Purchase:
Recommend approval of Single Source Award to AT&T Corp. for Legacy Voice and SONET Ring Services. The services include Primary Rate Interface (PRI), Centrex PRI, Centrex Line, Business Lines, Direct Inward Dialing, Asymmetric Digital Subscriber Line, Memory Call Voicemail, and SONET Ring. Legacy telephone circuits provide inbound and outbound voice calls for the City of Jacksonville, Duval County Tax Collector, Supervisor of Elections, Duval County Courthouse, Public Defender, State Attorney, Jacksonville Fire and Rescue Department (JFRD), and Jacksonville Sheriff's Office (JSO). Period of service will be from April 1, 2021 through March 31, 2023, with two (2) one (1) year renewal options. Total requested expenditure not to exceed $3,300,000.00.

Funding for this award to be encumbered by account 53101.113001.541020.000000.00000000.00000.0000000, to be executed by formal contract through the Office of General Counsel.

Single Source Award To: AT&T Corp.

Price Justification: See Attached

Total Award: $3,300,000.00 **Requisition #** FAIT-500670-21

Attachments: Single Source Form; Agency Memo; Vendor Quote; Addendum Agreement

Certification as to Single Source: Kenneth Lathrop, Chief of Information Technologies Division/CIO

THE ABOVE PURCHASE IS RECOMMENDED FOR AWARD IN ACCORDANCE WITH CHAPTER 126.206.

ANALYST: Ruben Ola

Gregory Pease, Chief
Procurement Division

APPROVAL OF GENERAL GOVERNMENT AWARDS COMMITTEE
"ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS"

CHAIRMAN ***DATE***

ACTION OF AWARDING AUTHORITY

DATE: _____

APPROVED_____ **DISAPPROVED** _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

INFORMATION TECHNOLOGIES DIVISION

CITY OF JACKSONVILLE

DATE: February 16, 2021

TO: Greg Pease, Chief of Procurement Division

THRU: Kenneth E. Lathrop, Chief of Information Technologies / CIO — Kenneth E. Lathrop — Digitally signed by Kenneth E. Lathrop Date: 2021.02.22 10:57:49 -05'00'

FROM: Thomas Ossi, Technology Contract and Records Manager — THOMAS OSSI — Digitally signed by THOMAS OSSI Date: 2021.02.16 17:46:53 -05'00'

RE: **AT&T Legacy Voice and SONET Ring Services – Single Source Award Request**

The Information Technologies Division (ITD) requests approval to enter into a single source agreement with AT&T Corp for Legacy Voice and SONET Ring Services. The services include Primary Rate Interface (PRI), Centrex PRI, Centrex Line, Business Lines, Direct Inward Dialing, Asymmetric Digital Subscriber Line, Memory Call Voicemail, and SONET Ring. Legacy telephone circuits provide inbound, and outbound voice calls for the City of Jacksonville, Duval County Tax Collector, Supervisor of Elections, Duval County Courthouse, Public Defender, State Attorney, Jacksonville Fire and Rescue Department (JFRD), and Jacksonville Sheriff's Office (JSO).

Due to the infrastructure already in place, no other vendor can provide both the legacy voice services and SONET Ring fiber connections at the required City locations and AT&T's local Central Offices.
AT&T has agreed to continue the City's legacy pricing, which is lower than the State of Florida Voice Services contract, and offers the City the best rates available for these services.

The City requires a contract that includes both the specified legacy voice services and SONET Ring fiber services. These services are gradually being replaced by Voice over Internet Protocol (VoIP) and Session Initiation Protocol (SIP) Trunking technology and represent a continually decreasing share of the City's voice and network services. They will eventually be eliminated altogether, except in locations where copper lines are still required due to JFRD International Organization for Standardization (ISO) requirements.

The agreement's initial term will begin on April 1, 2021 and continue through March 31, 2023. The City will have the option to renew for two additional terms of one (1) year. ITD Management is requesting $3,300,000 for the initial contract term.

Upon award approval, a request for a formal contract will be made through the Office of General Counsel.

FUNDING SOURCE: 53101.113001.541020 — Tracy Geake — Digitally signed by Tracy Geake Date: 2021.02.22 10:40:12 -05'00'

Your favorable consideration of ITD's request is appreciated.

Attachments: AT&T Addendum Agreement FL21-0069-00
Pricing Schedule
Single Source Request Form

CC: Jeremy McDaniel, Network & Telecom Infrastructure Manager
Robert Gray, Technology Infrastructure Manager
Elizabeth Brown, IT Operations Manager
Alexander Ciprian, IT Contract Administrator

FINANCE AND ADMINISTRATION DEPARTMENT
214 N. Hogan St. 9th Floor | Jacksonville, FL 32202 | Phone: 904.255.8000 | Fax: 904.232.6932

SINGLE SOURCE REQUEST

Pursuant to the City of Jacksonville Procurement Code § 126.206 & § 126.312, when requesting a purchase from a Supplier subject to the referenced sections, please complete this form to justify your request and submit to Procurement with applicable attachments

PROVIDE A SUMMARY OF THE SCOPE OF GOODS/SERVICES TO BE PROVIDED; IDENTIFY EACH ITEM, COMPONENT OR SERVICE BEING PROCURED (ATTACH QUOTE/PROPOSAL):

The Information Technologies Division (ITD) requests approval to enter into a single source agreement with AT&T Corp for Legacy Voice and SONET Ring Services. The services include Primary Rate Interface (PRI), Centrex PRI, Centrex Line, Business Lines, Direct Inward Dialing, Asymmetric Digital Subscriber Line, Memory Call Voicemail, and SONET Ring. Legacy telephone circuits provide inbound and outbound voice calls for the City of Jacksonville, Duval County Tax Collector, Supervisor of Elections, Duval County Courthouse, Public Defender, State Attorney, Jacksonville Fire and Rescue Department (JFRD), and Jacksonville Sheriff's Office (JSO).

PROVIDE A DETAILED JUSTIFICATION AS TO WHY THE REQUESTED GOODS/SERVICES CAN ONLY BE EFFICIENTLY AND EFFECTIVELY PROCURED THROUGH THE RECOMMENDED SINGLE SOURCE PROVIDER:

AT&T's SONET ring infrastructure is currently in place at Jacksonville Fire Rescue Headquarters, Ed Ball Data Center, Jacksonville Sheriff's Office Pretrial Detention Facility, and AT&T Central Offices. No other service providers can provide SONET ring infrastructure in AT&T central offices, where the affected legacy telephone circuits originate. SONET ring services, directly from AT&T's central office, are necessary to provide full redundancy to COJ, JSO, and JFRD telephone services.

ASSERT THAT YOU HAVE RESEARCHED THE AVAILABILITY OF THE REQUESTED GOODS/SERVICES FROM OTHER SOURCES IN APPLICABLE MARKETS AND HAVE DISCUSSED AND EVALUATED THE SAME WITH COJ'S PROCUREMENT AND EBO DIVISIONS:

We have verified with AT&T, that no other service providers have authorization to provide legacy voice services in combination with SONET ring services directly from AT&T's central offices. The AT&T central offices are where the City of Jacksonville's legacy telephony circuits originate.

Procurement Division

December 9th, 2020

City of Jacksonville Additional Contract Pricing

Service	USOC	New Pricing
Business Multiline	MFB	$ 28.00
Business Multiline with Caller ID	MFBCL	$ 28.00
Centrex Station	M4LFA-M4LFZ	$ 9.58
Centrex Common Equipment	M1ACC-M1ACS	$ 314.15
Standard Features - per station	CENAA	$ 3.95
Centrex Control per line	CENCA	$ 3.95
Automatic Route Sel Basic	M2HMA	$ 7.50
Preset Conference per conference number	M2RPD	$ 6.00
Loudspeaker Paging Access	WAA3Z	$ 95.00
Bridged link Different Premise	M1FNX	$ 9.58
Conference Arrangements Conference U	CENOF-CENOG	$ 0.20
Conf Arrangements, Use Ctrl C, Large Conf	CENOH	$ 0.75
Digital Termination DS1 Circuits	M1HD1	$ 350.00
Distinctive ringing	M2WAD	$ 1.10
Emergency Access to Conf	WQQLO	$ 5.00
Flexserv Asynchronous Protocal	APF19	$ 54.00
ISDN Basic Rate Access 2 wire	LTU1X	$ 16.35
ISDN B Channel Circuit Switched Voice	LTQ8X	$ 2.75
NAR 2 Way	M9QCX	$ 13.26
Nar 1 Way Outward	M9QOX	$ 13.26
Station Controled Conf	M2RSA	$ 1.50
Term Ded Pvt Facility Access	CENA6	$ 26.00
Remote Access to preset conf group	ZZ9Z4	$ 20.00
Memorycall Annc 1 Minute	CCRA1	$ 9.95
Memorycall VMS	VMN5D	$ 6.75
Memorycall Transfer Mailbox	TRMBX	$ 3.00
Assign Tel No w/o facilities	ATNCS	$ 0.15
Interoffice Channel Non-ISDN Channel Each	M1GBC	$ 28.50
Interoffice channel Non-ISDN Channel Mileage	M1GBM	$ 1.60
Interoffice Channel Bridging Channel Bridged	M1GEB	$ 10.25
Smartring Cust Node OC-12	SHNC1	$ 1,425.60
Smartring Local Channel Mileage per .25 air mile	1HVAX	$ 59.76
Smartring CO Node OC-12	SNHH1	$ 1,425.60
Smartring Interoffice channel mileage per .25 air mile	1HXAX	$ 25.92
Smartring Interoffice channel mileage fixed rate	1HXFX	$ 93.60
Smartring CO Channel Interface per DS1	SHNCB	$ 26.64
Smartring Cust Channel Interface per DS1	SHNBB	$ 26.40
Metro E 10 Mbps Premium Burst	MTEE3	$ 463.32
Metro E 20 Mbps Premium Burst	MTEE4	$ 535.39
Metro E Addl Mileage 10-25 miles	MTEMO	$ 115.50
Metro E 4 Meg Premium Fixed	MTEP1	$ 361.35

Metro E 10 Meg Premium Fixed	MTEP3	$	440.00
Metro E 100 Meg Premium Fixed	MTEP6	$	600.60
PRI Flat Rate	WDDKR	$	500.00
PRI Calling Name Delivery Feature	PR7CN	$	10.00
DID Numbers	PR7TF	$	0.10

at&t

Addendum Agreement

Case Number FL21-0069-00

AT&T MA Reference No. 155910UA

CUSTOMER ("Customer")	AT&T ("AT&T")
THE CITY OF JACKSONVILLE Street Address: 214 N HOGAN ST City: JACKSONVILLE State: FL Zip Code: 32202- **Billing Address** Street Address: 214 N HOGAN ST City: JACKSONVILLE State: FL Zip Code: 32202-	For purposes of this Pricing Schedule, AT&T means the Service Provider specifically identified herein.
CUSTOMER Contact (for Contract Notices)	**AT&T Sales Contact Information and for Contract Notices**
Name: Alexander Ciprian Title: IT Contract Administrator Telephone: 904-255-8006 Fax: - - Email: aciprian@coj.net Street Address: 214 N HOGAN ST City: JACKSONVILLE State: FL Zip Code: 32202-	Name: CHRIS WADLEY Title: ACCOUNT EXECUTIVE Telephone: 904-407-2751 Fax: - - Email: cw3669@att.com Attention: Assistant Vice President Street Address: 2180 Lake Blvd., 7th Floor City: Atlanta State: GA Zip Code: 30319 With a copy to: AT&T Corp. One AT&T Way, Bedminster, NJ 07921-0752 ATTN: Master Agreement Support Team Email: mast@att.com

This Pricing Schedule Addendum ("Addendum") for the service(s) identified below ("Service") is part of the Agreement referenced above. Customer requests that its identity be kept confidential and not be publicly disclosed by AT&T or by any regulatory commission, unless required by law.

THE UNDERSIGNED PARTIES, AT&T Florida, ("Company") and THE CITY OF JACKSONVILLE ("Customer"), hereby agree, as acknowledged by their appropriate signatures as set out below, to amend and change Pricing Schedule FL03-4214-02 This Addendum is based upon the following terms and conditions as well as any Attachment(s) affixed and the appropriate lawfully filed and approved Guidebooks which are by this reference incorporated herein.

Addendum Agreement

Case Number FL21-0069-00

Offer Expiration: This offer shall expire on: 6/2/2021.

This Agreement signed by AT&T first, is effective upon Customer signature provided that such fully signed Agreement is returned to AT&T not more than forty-five (45) days after AT&T's signature date. Any change made to this document renders the Agreement null and void, except for changes expressly authorized by the terms of this Agreement.

Customer (by its authorized representative)	**AT&T** (by its authorized representative)
By:	By:
Printed or Typed Name:	Printed or Typed Name:
Title:	Title:
Date:	Date:

AT&T and Customer Confidential Information

at&t

Addendum Agreement

Case Number FL21-0069-00
Option 1 of 1

Service description:
SERVICE: This Addendum offers an extension to the service period of the Customer's existing BellSouth® Primary Rate ISDN - Voice/Data (Standard) service, Business Lines as part of Basic Local Exchange Service, Centrex service, Megalink service, Metro Ethernet service and SMARTRing® OC-12 service. This addendum also includes change in some of the existing rate elements.

TERM: This Addendum provides for a twenty-four (24) month service period the expiration date of the existing Agreement.

Growth clause for Primary Rate ISDN service:

a) Circuits may be added during the first six (6) months of the Agreement or by 6/30/2022, whichever is earlier, at the MRC & NRC rates approved herein, and will be coterminous with the initial term of the Agreement.
b) Any circuits added after 6 months, but before 6/30/22, will require a full 24-month contract term (non-coterminous add to existing contract).
c) No Moves, Adds or Changes can be made after June 30, 2022. Renewals of existing circuits only.
d) Growth pricing assumes that facilities exist and no extraordinary costs are to be incurred in provisioning the service.

All terms and conditions of Contract Service Arrangement Agreement FL03-4214-02 apply to this Addendum unless modified herein.

Addendum Agreement

Case Number FL21-0069-00
Option 1 of 1

RATES AND CHARGES

	Rate Elements	Non-Recurring	Monthly Rate	USOC
1	Multi-line Exchange Access Line, per line (Change; increase in monthly rate.)	$.00	$28.00	MFB
2	Bus Flat-Rate Multiline with Caller ID (Change; increase in monthly rate.)	$.00	$28.00	MFBCL
3	BellSouth® Centrex service, Station Links, Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFA
4	BellSouth® Centrex service, Station Links for 800 Service Termination, Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFB
5	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/PSET (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFC
6	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5009 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFD
7	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5209 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFE

AT&T and Customer Confidential Information

RATES AND CHARGES

8	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5112 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFF
9	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5312 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFG
10	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5008 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFT
11	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5208 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFU
12	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5216 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFV
13	BellSouth® Centrex service, Station Links Terminated on Electronic Business Sets/M5316 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LF3

RATES AND CHARGES

14	BellSouth® Centrex service, Station Links Equipped with Caller ID, Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFH
15	BellSouth® Centrex service, Station Links Equipped with Caller ID and Message Waiting Lamp Indication (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFW
16	BellSouth® Centrex service, Station Links Equipped for Message Waiting Lamp Indication (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFJ
17	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center, Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFM
18	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/PSET (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFO
19	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5009 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFP

RATES AND CHARGES

20	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5209 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFQ
21	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5112 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFR
22	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5312 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFS
23	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5008 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LF4
24	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5208 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LF5
25	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5216 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LF6

RATES AND CHARGES

26	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for Electronic Business Sets/M5316 (DMS-100 only), Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LF7
27	BellSouth® Centrex service, Station Links Term MegaLink Flat Rate (Change; increase in monthly rate.)	$.00	$9.58	M4LF9
28	BellSouth® Centrex service, Station Links for Provision in a Different Serving Wire Center for 800 service Termination, Flat Rate, each (Change; increase in monthly rate.)	$.00	$9.58	M4LFZ
29	Metro Ethernet service, 10 Mbps Premium Connection, per connection, Burst Mode (Change; increase in monthly rate.)	$.00	$463.32	MTEE3
30	Metro Ethernet service, 20 Mbps Premium Connection, per connection, Burst Mode (Change; increase in monthly rate.)	$.00	$535.39	MTEE4
31	Metro Ethernet service, 50 Mbps Premium Connection, per connection, Burst Mode (Change; increase in monthly rate.)	$.00	$661.32	MTEE5
32	Metro Ethernet Additional Mileage >10-25Miles (Change; increase in monthly rate.)	$.00	$122.10	MTEMA

RATES AND CHARGES

33	Metro Ethernet Addl Mileage 10-25Miles per 2-9G Conn (Change; increase in monthly rate.)	$.00	$115.50	MTEMO
34	Metro Ethernet Premium Arrgmnt 4M Premium Conn, Fixed Mode (Change; increase in monthly rate.)	$.00	$361.35	MTEP1
35	Metro Ethernet Premium Arrgmnt 8M Premium Conn, Fixed Mode (Change; increase in monthly rate.)	$.00	$417.45	MTEP2
36	Metro Ethernet service, 10 Mbps Premium Connection, per connection, Fixed Mode (Change; increase in monthly rate.)	$.00	$440.00	MTEP3
37	Metro Ethernet service, 20 Mbps Premium Connection, per connection, Fixed Mode (Change; increase in monthly rate.)	$.00	$514.80	MTEP4
38	Metro Ethernet service, 50 Mbps Premium Connection, per connection, Fixed Mode (Change; increase in monthly rate.)	$.00	$551.10	MTEP5
39	Metro Ethernet service, 100 Mbps Premium Connection, per connection, Fixed Mode (Change; increase in monthly rate.)	$.00	$600.60	MTEP6

RATES AND CHARGES

40	Metro Ethernet Premium Arr 2M Premium Conn-Fixed Mode (Change; increase in monthly rate.)	$.00	$348.15	MTEPO
41	SMARTRing▯ Local Ch Mileage per .25 Air Mile (Change; increase in monthly rate.)	$.00	$59.76	1HVAX
42	SMARTRing▯ Interoffice Ch Mile per .25 Air Mile (Change; increase in monthly rate.)	$.00	$25.92	1HXAX
43	SMARTRing▯ Interoffice Ch Mile Fixed - Rate - OC192 (Change; increase in monthly rate.)	$.00	$457.20	1HXFX
44	SMARTRing▯ Interoffice Ch Mile Fixed Rate - OC48 (Change; increase in monthly rate.)	$.00	$194.40	1HXFX
45	SMARTRing▯ Interoffice Ch Mile Fixed Rate - OC12 (Change; increase in monthly rate.)	$.00	$93.60	1HXFX
46	SMARTRing▯ Customer Channel Interface per OC-3 4 Fiber (Change; increase in monthly rate.)	$.00	$337.44	SHN15
47	SMARTRing▯ Customer Channel Interface per OC-3 2 Fiber (Change; increase in monthly rate.)	$.00	$168.72	SHN1D

RATES AND CHARGES

48	SMARTRing▯ Customer Channel Interface per 1000M Multi-Mode (Change; increase in monthly rate.)	$.00	$461.76	SHN1K
49	SMARTRing▯ Cust Ch Interface per 10M-Electrical (Change; increase in monthly rate.)	$.00	$155.40	SHN1M
50	SMARTRing▯ Customer Channel Interface-100M-Electrical (Change; increase in monthly rate.)	$.00	$186.48	SHN1N
51	SMARTRing▯ Cust Ch Interface per Flex DS1 (Change; increase in monthly rate.)	$.00	$30.19	SHN1Q
52	SMARTRing? Service, Customer Channel Interface (per Node), per DS1 (Change; increase in monthly rate.)	$.00	$26.40	SHNBB
53	SMARTRing▯ Cust Node-OC-12 Cap (Change; increase in monthly rate.)	$.00	$1,425.60	SHNC1
54	SMARTRing? Service, Central Office Channel Interface (per Node), per DS1 (Change; increase in monthly rate.)	$.00	$26.64	SHNCB
55	SMARTRing▯ OC-12 2-Fiber COCI (Change; increase in monthly rate.)	$.00	$168.72	SHNCD

RATES AND CHARGES

56	SMARTRing CO Ch Int per 10M (Change; increase in monthly rate.)	$.00	$155.40	SHNCM
57	SMARTRing CO Ch Interface per Flex DS1 (Change; increase in monthly rate.)	$.00	$26.64	SHNCQ
58	SMARTRing CO Ch Int /1000M (Change; increase in monthly rate.)	$.00	$461.76	SHNCW
59	SMARTRing 12-CO Node (Change; increase in monthly rate.)	$.00	$1,425.60	SHNH1
60	SMARTRing 3+ -CO Node (Change; increase in monthly rate.)	$.00	$1,328.40	SHNH5
61	SMARTRing 192+ -CO Node (Change; increase in monthly rate.)	$.00	$5,940.00	SHNH6
62	SMARTRing , per CO Node OC-192 Capacity (Change; increase in monthly rate.)	$.00	$5,940.00	SHNH7
63	SMARTRing 48-CO Node DS3 Capacity (Change; increase in monthly rate.)	$.00	$2,808.00	SHNH8

RATES AND CHARGES

64	SMARTRing▯ Customer Node OC-3+ Capacity (Change; increase in monthly rate.)	$.00	$1,328.40	SHNN5
65	SMARTRing▯ Customer Node OC-48 Capacity (Change; increase in monthly rate.)	$.00	$2,916.00	SHNN8
66	SMARTRing▯ CO Ch Interface per OC-3 4 Fiber (Change; increase in monthly rate.)	$.00	$337.44	SHNO4
67	SMARTRing▯ CO Ch Interface (Change; increase in monthly rate.)	$.00	$75.48	SHNYT
68	SMARTRing▯ Cust Ch Interface (Change; increase in monthly rate.)	$.00	$119.88	SHNZT
69	There are no changes to the other rate elements.	$.00	$.00	

RATES AND CHARGES

NOTES:

SERVICE AND SERVICE COMPONENT WITHDRAWALS

Service and Service Component Withdrawals during Pricing Schedule Term	
Prior Notice Required from AT&T to Withdraw and Terminate a Service	12 months
Prior Notice Required from AT&T to Withdraw and Terminate a Service Component	120 days

There are no other additions, deletions or changes to the above referenced Pricing Schedule included in this Addendum. All other terms and conditions as previously agreed and acknowledged remain unchanged and in full force and in effect.

All trademarks and service marks contained herein are owned by AT&T Intellectual Property and/or AT&T affiliated companies.

END OF ARRANGEMENT AGREEMENT OPTION 1