INVITATION FOR BID

IFB C4DNCS19
Data Networks and Communications Services

CATEGORY 24 – FLAT RATE INTERNET SERVICES

AT&T Enterprises, LLC

Statement of Work

TECHNICAL REQUIREMENTS

March 5, 2020

BAFO

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Disclaimer: The original PDF version and any subsequent addendums of the IFB released by the Procurement Official of this Bid remain the official version. In the event of any inconsistency between the Bidder's versions, articles, attachments, specifications or provisions which constitute the Contract, the official State version of the IFB in its entirety shall take precedence.

AMENDMENT LOG

Amendment #	Date	Amendment Description
4	12/15/20	Added Header Updated Table 24.2.5.1.c - Unsolicited Internet Flat Rate Service Offerings Updated Table 24.2.7 - Additional Unsolicited Internet Services Deleted entire Table 24.5.2.2 - Unsolicited Services Related Infrastructure Updated available Services in Sections 24.6.8.1, 24.6.8.2, 24.6.8.3, 24.6.8.4, 24.6.8.6, 24.6.8.9, and 24.6.8.10
8	8/20/21	Updated Header Updated Table 24.2.7 - Additional Unsolicited Internet Services to add Professional Services
25	11/07/25	Changed contractor name from AT&T Corp. to AT&T Enterprises, LLC. on Title Page Updated Contractor Name in Header Updated Table 24.2.7 Additional Unsolicited Internet Services to add SDWAN Services

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TECHNICAL REQUIREMENTS

CATEGORY 24 – Flat Rate Internet Services

24.1 OVERVIEW

This Category 24 IFB C4DNCS19 (IFB) provides the State's solicitation for best value solutions for Flat Rate Internet Services. This IFB also describes the technical requirements necessary to support the CALNET program requirements.

This IFB will be awarded to Bidders that meet the award criteria as described in IFB C4DNCS19 Part 1, Bid Evaluation. The CALNET Data Networks and Communications (DNCS) Contract(s) that result from the award of this IFB will be managed on a day-to-day basis by the CALNET Contractor Management Organization (CALNET CMO).

24.1.1 Bidder Response Requirements

Throughout this IFB, Bidders are required to acknowledge acceptance of the requirements described herein by responding to one of the following:

1. Example A (for responses that require confirmation that the Bidder understands and accepts the requirement):

"Bidder understands this requirement and shall meet or exceed it?"

Or,

2. Example B (for responses that require the Bidder to provide a description or written response to the requirement):

"Bidder understands the requirements and shall meet or exceed them? "

Description:"

Or,

3. Example C (for responses contained in Technical Feature and/or Service Tables):

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No.
1					Yes

24.1.2 Designation of Requirements

All Technical Requirements specified in this IFB are Mandatory and must be responded to as identified in IFB Part 1, SOW Mandatory Technical Requirements by the Bidder. Additionally, some Mandatory requirements are "Mandatory-Scorable" and are designated as "(M-S)".

Costs associated with services shall be included in the prices provided by the Bidder for the individual items included in the Category Cost Worksheets.

Items not listed in the Category Cost Worksheets will not be billable by the Contractor. If additional unsolicited items include the features described in this IFB and are not included as billable in the Category Cost Worksheets, the cost associated with the features shall not be included in the unsolicited price.

Services and features included in the Category Cost Worksheets are those that the Bidder must provide. All Bidders must provide individual prices as indicated in the Category Cost Worksheets in the Bidder's Final Proposal. Items submitted with no price will be considered as offered at no cost.

24.1.3 Pacific Time Zone

Unless specified otherwise, all times stated herein are times in the Pacific Time Zone.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2 FLAT RATE INTERNET SERVICE

The Contractor shall provide dedicated Internet access service that provides high-speed Internet access through communications facilities managed by the Contractor.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.1 Internet Services General Requirements

The Contractor's network shall connect a Customer's Local Area Network (LAN) or application to the Internet by providing highly reliable transport and Internet Protocol (IP) connectivity. The service shall use the Transmission Control Protocol/Internet Protocol (TCP/IP) to interconnect customer premise equipment (CPE) to the public Internet Service Provider (ISP) networks.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.2 Network Capabilities

The Contractor's network shall have:

1. Established public peering arrangements from the Contractor's network to the Internet.

Bidder understands the Requirement and shall meet or exceed it? Yes

2. Private peering arrangements established from the Contractor's network with redundant links to connect to its private peering partners.

Bidder understands the Requirement and shall meet or exceed it? Yes

3. Support for Customer assigned and Internet Corporation for Assigned Names and Numbers (ICANN) registered IP addresses and domain names.

Bidder understands the Requirement and shall meet or exceed it? Yes

4. Primary and Secondary Domain Name Service (DNS) to provide an authoritative name server for the Customer.

Bidder understands the Requirement and shall meet or exceed it? Yes

5. The Contractor shall provide support for the border gateway protocol (BGP) for Customers with registered Autonomous System (AS) numbers, if applicable.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.2.1 Contractor Wi-Fi Hotspot Service Offerings

The Contractor shall not configure services utilizing state-funded (or leased) infrastructure or resources to provide Contractor branded Wi-Fi hotspots for a fee/subscription to the general public. Use of any publicly funded power, facilities, or infrastructure in State leased or owned buildings to provide Contractor fee based Wi-Fi services is considered a gift of public funds.

The Contractor shall not provide Contractor branded Wi-Fi hotspot services for non-CALNET users by piggybacking onto CALNET Customer primary installations or by any other means that utilize publicly funded assets. This restriction includes but is not limited to installation of secondary equipment, circuits, or data channels both land based and wireless.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.3 Standards

Dedicated Internet Services shall comply with the following standards, as applicable, and when commercially available by the Contractor:

1. Internet Engineering Task Force (IETF) Requests for Comments (RFCs);

Bidder understands the Requirement and shall meet or exceed it? Yes

2. ANSI T1;

Bidder understands the Requirement and shall meet or exceed it? Yes

3. ATM Forum

Bidder understands the Requirement and shall meet or exceed it? Yes

4. ITU TSS Recommendations;

Bidder understands the Requirement and shall meet or exceed it? Yes

5. Frame Relay Forum implementation agreements;

Bidder understands the Requirement and shall meet or exceed it? Yes

6. North American ISDN Users Forum (NIUF);

Bidder understands the Requirement and shall meet or exceed it? Yes

7. IEEE 802.3 Ethernet Standards;

Bidder understands the Requirement and shall meet or exceed it? Yes

8. Metro Ethernet Forum (MEF);

Bidder understands the Requirement and shall meet or exceed it? Yes

9. IETF RFCs for IPv6 when offered commercially by the Contractor;

Bidder understands the Requirement and shall meet or exceed it? Yes

10. All new versions, amendments, and modifications to the above documents and standards as they become commercially available.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4 Network Operations and Management

24.2.4.1 General Description

The Contractor's data network(s) shall meet established industry standards.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4.2 Network Operations Center

The Contractor shall maintain a Network Operations Center (NOC) that is staffed 24x7 that coordinates and manages all data traffic.

The NOC shall perform the following services:

1. Network surveillance;

Bidder understands the Requirement and shall meet or exceed it? Yes

2. Fault management (trouble identification, isolation and notification); and,

Bidder understands the Requirement and shall meet or exceed it? Yes

3. Monitor network performance in near real-time to identify capacity blockages and implement controls to optimize network health and performance immediately.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4.3 Security

24.2.4.3.1 Physical Access

Contractor shall physically secure all data and networking facilities through which data traverses Contractor's WAN complying with the physical security controls of NIST SP 800-53, ISO/IEC 27001, or equivalent standards.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4.3.2 Network Security

The Contractor's network security solution shall incorporate the following features:

1. The Contractor's network equipment locations and data centers shall use carrier grade platforms; and,
2. All equipment shall be in a hardened facility and all unnecessary services shall be disabled or removed.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4.3.3 Security Incident Notifications

Upon discovery, the Contractor shall provide the Customer and designated State representatives with Security Incident notifications that impact CALNET Customers, via telephonic means and email. For purposes of this section, Security Incident is defined in the State Administrative Manual (SAM), Section 5300.4.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.4.3.4 Data Breach Reporting

If Contractor determines that a breach of data has occurred that may involve CALNET Customer data, the nature and scope of the breach (as it affects Customer data) shall be reported to both the Customer and the CALNET CMO within 24 hours of that determination.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.5 Dedicated Internet Flat Rate Services Technical Requirements

The service shall connect a Customer's LAN or application to the Internet by providing highly reliable transport and IP connectivity to the internet.

The speeds in the Feature Names in Table 24.2.5.1b indicate download speeds. Bidder shall indicate the upload speeds in the Bidder's Product Description in Tables 24.2.5.1.b, 24.2.5.2.a, 24.2.5.3.b.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.5.1 Internet Flat Rate Service (InFRa)

The Contractor shall provide Internet Flat Rate Service (InFRa) at the speeds identified in Table 24.2.5.1.b. The services shall consist of a dedicated Internet port and transport, on the Contractor's private network, from the Customer site to the nearest Contractor Point-of-Presence (POP). The service shall include all equipment, cabling and

labor required to provide a User-to-Network Interface (UNI) at the Customer premise Minimum Point of Entry (MPOE).

The Bidder shall describe the User-to-Network Interface characteristics in the Bidder's Product Description, Features, Limitations and Restrictions column row provided in Table 24.2.4.1.b using Table 24.2.4.1.a below, which is provided only as a guide. Contractors shall follow the format as closely as possible if the guide content does not align with a particular Contractor technology or offering.

The Bidder's Product Description shall include the following at a minimum:

1. Interface/Access Type(s);
2. Network-Side Interface, if applicable;
3. Protocol(s) applicable to each speed; and,
4. Upload Speed.

Table 24.2.5.1.a – InFRA UNI Guide

Line Item	Interface/Access Type	Network-Side Interface	Protocol
1	Cable High Speed Access	DOCSISx	Point-to-Point Protocol, IPv4/v6
2	Ethernet Interface	1 Mbps up to 1 GbE (Gigabit Ethernet) 10 GbE	Point-to-Point Protocol, IPv4/v6
3	IP over SONET Service	OC-3c OC-12c OC-48c OC-192c	IP/PPP over SONET
4	Private Line Service (PLS)	T1 Fractional T3 T3 OC-3c OC-12c OC-48c OC-192c	IPv4/v6 over PLS
5	DSL Service	xDSL Access	Point-to-Point Protocol IPv4/v6
6	Other		

Bidders must provide at least one service/solution for each InFRa speed listed in Table 24.2.5.1.b. Additional Internet Flat Rate Services that utilize different UNI's with different product identifiers and associated costs should be listed in an Unsolicited table in the same fashion as Table 24.2.5.1.b.

Table 24.2.5.1.b – Internet Flat Rate Service

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
1	InFRa @ 1.544 Mbps	Internet Flat Rate Service (InFRa) at 1.544 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Private Line Service (PLS) Network-side Interface: T1 Protocol: IPv4/v6 over PLS Upload Speed: 1.544 Mbps Product Description: Internet Flat Rate Service (InFRa) at 1.544 Mbps. Includes dedicated Internet port and transport. Subject to availability of facilities.	NI001	Yes
2	InFRa @ 5 Mbps	Internet Flat Rate Service (InFRa) at 5 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 5 Mbps Product Description: Internet Flat Rate Service (InFRa) at 5 Mbps. Includes	NI005	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
			dedicated Internet port and transport.		
3	InFRa @ 10 Mbps	Internet Flat Rate Service (InFRa) at 10 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 10 Mbps Product Description: Internet Flat Rate Service (InFRa) at 10 Mbps. Includes dedicated Internet port and transport.	NI012	Yes
4	InFRa @ 15 Mbps	Internet Flat Rate Service (InFRa) at 15 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 15 Mbps Product Description: Internet Flat Rate Service (InFRa) at 15 Mbps. Includes dedicated Internet port and transport.	NI015	Yes
5	InFRa @ 20 Mbps	Internet Flat Rate Service (InFRa) at 20 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6	NI016	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
			Upload Speed: 20 Mbps Product Description: Internet Flat Rate Service (InFRa) at 20 Mbps. Includes dedicated Internet port and transport.		
6	InFRa @ 25 Mbps	Internet Flat Rate Service (InFRa) at 25 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 25 Mbps Product Description: Internet Flat Rate Service (InFRa) at 25 Mbps. Includes dedicated Internet port and transport.	NI017	Yes
7	InFRa @ 30 Mbps	Internet Flat Rate Service (InFRa) at 30 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 30 Mbps Product Description: Internet Flat Rate Service (InFRa) at 30 Mbps. Includes dedicated Internet port and transport.	NI018	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
8	InFRa @ 35 Mbps	Internet Flat Rate Service (InFRa) at 35 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 35 Mbps Product Description: Internet Flat Rate Service (InFRa) at 35 Mbps. Includes dedicated Internet port and transport.	NI019	Yes
9	InFRa @ 40 Mbps	Internet Flat Rate Service (InFRa) at 40 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 40Mbps Product Description: Internet Flat Rate Service (InFRa) at 40 Mbps. Includes dedicated Internet port and transport.	NI020	Yes
10	InFRa @ 45 Mbps	Internet Flat Rate Service (InFRa) at 45 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 45 Mbps Product Description: Internet Flat Rate	NI021	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
			Service (InFRa) at 45 Mbps. Includes dedicated Internet port and transport.		
11	InFRa @ 50 Mbps	Internet Flat Rate Service (InFRa) at 50 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 50 Mbps Product Description: Internet Flat Rate Service (InFRa) at 50 Mbps. Includes dedicated Internet port and transport.	NI009	Yes
12	InFRa @ 55 Mbps	Internet Flat Rate Service (InFRa) at 55 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 55 Mbps Product Description: Internet Flat Rate Service (InFRa) at 55 Mbps. Includes dedicated Internet port and transport.	NI551	Yes
13	InFRa @ 60 Mbps	Internet Flat Rate Service (InFRa) at 60 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet)	NI125	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
			Protocol: IPv4/v6 Upload Speed: 60Mbps Product Description: Internet Flat Rate Service (InFRa) at 60 Mbps. Includes dedicated Internet port and transport.		
14	InFRa @ 100 Mbps	Internet Flat Rate Service (InFRa) at 100 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 100 Mbps Product Description: Internet Flat Rate Service (InFRa) at 100 Mbps. Includes dedicated Internet port and transport.	NI100	Yes
15	InFRa @ 150 Mbps	Internet Flat Rate Service (InFRa) at 150 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 150 Mbps Product Description: Internet Flat Rate Service (InFRa) at 150 Mbps. Includes dedicated Internet port and transport.	NI150	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
16	InFRa @ 200 Mbps	Internet Flat Rate Service (InFRa) at 200 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 200 Mbps Product Description: Internet Flat Rate Service (InFRa) at 200 Mbps. Includes dedicated Internet port and transport.	NI200	Yes
17	InFRa @ 500 Mbps	Internet Flat Rate Service (InFRa) at 500 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 500 Mbps Product Description: Internet Flat Rate Service (InFRa) at 500 Mbps. Includes dedicated Internet port and transport.	NI000	Yes
18	InFRa @ 1 Gbps	Internet Flat Rate Service (InFRa) at 1 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 1 Gbps Product Description: Internet Flat Rate	NI111	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
			Service (InFRa) at 1 Gbps. Includes dedicated Internet port and transport.		
19	InFRa @ 10 Gbps	Internet Flat Rate Service (InFRa) at 10 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: Ethernet Interface Network-side Interface: 10 GbE Protocol: IPv4/v6 Upload Speed: 10 Gbps Product Description: Internet Flat Rate Service (InFRa) at 10 Gbps. Includes dedicated Internet port and transport.	NI101	Yes

The Contractor may offer Unsolicited Flat Rate Internet Service or features in Table 24.2.5.1.c.

Table 24.2.5.1.c – Unsolicited Internet Flat Rate Service Offering

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
1	InFRa @ 2Mbps	Internet Flat Rate Service @ 2Mbps	Includes dedicated Internet port and transport.	NI002
2	InFRa @ 3Mbps	Internet Flat Rate Service @ 3Mbps	Includes dedicated Internet port and transport.	NI003
3	InFRa @ 4Mbps	Internet Flat Rate Service @ 4Mbps	Includes dedicated Internet port and transport.	NI004
4	InFRa @ 4.5Mbps	Internet Flat Rate Service @ 4.5Mbps	Includes dedicated Internet port and transport.	NI006
5	InFRa @ 6Mbps	Internet Flat Rate Service @ 6Mbps	Includes dedicated Internet port and transport.	NI007
6	InFRa @ 7Mbps	Internet Flat Rate Service @ 7Mbps	Includes dedicated Internet port and transport.	NI008
7	InFRa @ 7.5Mbps	Internet Flat Rate Service @ 7.5Mbps	Includes dedicated Internet port and transport.	NI010
8	InFRa @ 8Mbps	Internet Flat Rate Service @ 8Mbps	Includes dedicated Internet port and transport.	NI811
9	InFRa @ 9Mbps	Internet Flat Rate Service @ 9Mbps	Includes dedicated Internet port and transport.	NI011
10	InFRa @ 10.5Mbps	Internet Flat Rate Service @ 10.5Mbps	Includes dedicated Internet port and transport.	NI014
11	InFRa @ 12Mbps	Internet Flat Rate Service @ 12Mbps	Includes dedicated Internet port and transport.	NI121
12	InFRa @ 155Mbps	Internet Flat Rate Service @ 155Mbps	Includes dedicated Internet port and transport.	NI023
13	InFRa @ 622Mbps	Internet Flat Rate Service @ 622Mbps	Includes dedicated Internet port and transport.	NI024
14	InFRa @ 2.45Gbps	Internet Flat Rate Service @ 2.45Gbps	Includes dedicated Internet port and transport.	NI025
15	Flat Rate Internet 10Mbps	Flat Rate Internet 10Mbps	Includes dedicated Internet port and transport.	NI051
16	Flat Rate Internet 15Mbps	Flat Rate Internet 15Mbps	Includes dedicated Internet port and transport.	NI052
17	Flat Rate Internet 20Mbps	Flat Rate Internet 20Mbps	Includes dedicated Internet port and transport.	NI053

18	Flat Rate Internet 25Mbps	Flat Rate Internet 25Mbps	Includes dedicated Internet port and transport.	NI054
19	Flat Rate Internet 30Mbps	Flat Rate Internet 30Mbps	Includes dedicated Internet port and transport.	NI055
20	Flat Rate Internet 35Mbp	Flat Rate Internet 35Mbp	Includes dedicated Internet port and transport.	NI056
21	Flat Rate Internet 40Mbps	Flat Rate Internet 40Mbps	Includes dedicated Internet port and transport.	NI057
22	Flat Rate Internet 45Mbps	Flat Rate Internet 45Mbps	Includes dedicated Internet port and transport.	NI058
23	Flat Rate Internet 3Mbps	Flat Rate Internet 3Mbps	Includes dedicated Internet port and transport.	NI222
24	Flat Rate Internet 4.5Mbps	Flat Rate Internet 4.5Mbps	Includes dedicated Internet port and transport.	NI201
25	Flat Rate Internet 6Mbps	Flat Rate Internet 6Mbps	Includes dedicated Internet port and transport.	NI215
26	Flat Rate Internet 7.5Mbps	Flat Rate Internet 7.5Mbps	Includes dedicated Internet port and transport.	NI203
27	Flat Rate Internet 9Mbps	Flat Rate Internet 9Mbps	Includes dedicated Internet port and transport.	NI204
28	Flat Rate Internet 10.5Mbps	Flat Rate Internet 10.5Mbps	Includes dedicated Internet port and transport.	NI205
29	Flat Rate Internet 12Mbps	Flat Rate Internet 12Mbps	Includes dedicated Internet port and transport.	NI206

24.2.5.2 Internet Flat Rate with Managed Router Service (InFRaM)

The Contractor shall provide Internet Flat Rate with Managed IP Enabled Routing Device Service at the speeds identified in Table 24.2.5.2.a. The services shall consist of a dedicated Internet Port and Transport from the

Customer site to the nearest contractor POP. The service shall include all equipment, cabling and labor required to provide a UNI at the Customer premise MPOE and a Contractor owned, maintained and managed IP enabled routing device.

Bidder understands the Requirement and shall meet or exceed it? Yes

The service shall include a Contractor owned, maintained and managed IP enabled routing device. Bidder shall provide a description of the type of equipment, maintenance and management services that the Contractor will deploy to satisfy this requirement.

Bidder understands the Requirement and shall meet or exceed it? Yes

All Bidder equipment, tasks and services required for provisioning of the services described in Table 24.2.5.2.a will be included in the charges for the features/services listed in those tables unless specifically identified as not part of the mandatory service and proposed in Table 24.2.5.2.b.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contactor's managed IP enabled routing device service shall include proactive Customer notification as identified in the Service Level Agreements.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall provide customers full read only access to the managed router or managed IP enabled routing device.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall offer the InFRaM Services detailed in Table 24.2.5.2.a.

The Bidder shall describe the User-to-Network Interface characteristics in the Bidder's Product Description, Restrictions, and Limitations column row provided in Table 24.2.5.2.a using Table 24.2.5.1.a, which is provided only as a guide. Contractors shall follow the format as closely as possible if the guide content does not align with a particular Contractor technology or offering.

The Bidder's Product Description shall include the following at a minimum:

1. Interface/Access Type(s);

2. Network-Side Interface, if applicable;
3. Protocol(s) applicable to each speed; and,
4. Upload Speed.

Table 24.2.5.2.a – Internet Flat Rate with Managed Router Service

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
1	InFRaM @ 1.544 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1.544 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Private Line Service (PLS) Network-side Interface: T1 Protocol: IPv4/v6 over PLS Upload Speed: 1.544 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1.544 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device. Subject to availability of facilities.	NI026	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
2	InFRaM @ 5 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 5 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 5 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 5 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI030	Yes
3	InFRaM @ 10 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 10 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI037	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
4	InFRaM @ 15 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 15 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 15 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 15 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI040	Yes
5	InFRaM @ 20 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 20 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 20 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 20 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI041	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
6	InFRaM @ 25 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 25 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 25 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 25 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI042	Yes
7	InFRaM @ 30 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 30 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 30 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 30 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI043	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
8	InFRaM @ 35 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 35 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 35 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 35 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI044	Yes
9	InFRaM @ 40 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 40 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 40Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 40 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI045	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
10	InFRaM @ 45 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 45 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 45 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 45 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI046	Yes
11	InFRaM @ 50 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 50 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 50 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 50 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI013	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
12	InFRaM @ 55 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 55 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 55 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 55 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI552	Yes
13	InFRaM @ 60 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 60 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 60Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 60 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI602	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
14	InFRaM @ 100 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 100 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 100 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 100 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI022	Yes
15	InFRaM @ 150 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 150 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 150 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 150 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI152	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
16	InFRaM @ 200 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 200 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 200 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 200 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI202	Yes
17	InFRaM @ 500 Mbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 500 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 500 Mbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 500 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI031	Yes

Line Item #	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes/No
18	InFRaM @ 1 Gbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 1 Mbps up to 1 GbE (Gigabit Ethernet) Protocol: IPv4/v6 Upload Speed: 1 Gbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI122	Yes
19	InFRaM @ 10 Gbps	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Interface Network-side Interface: 10 GbE Protocol: IPv4/v6 Upload Speed: 10 Gbps Product Description: Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	NI102	Yes

The Contractor may offer Unsolicited Flat Rate Internet Service or features in Table 24.2.5.2.b.

Table 24.2.5.2.b – Unsolicited Internet Flat Rate with Managed Router Service

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
1	InFRaM @ 2Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 2Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI027
2	InFRaM @ 3Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 3Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI028
3	InFRaM @ 4Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 4Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI029
4	InFRaM @ 4.5Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 4.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI038
5	InFRaM @ 6Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 6Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI032
6	InFRaM @ 7Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 7Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI033

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
7	InFRaM @ 7.5Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 7.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI035
8	InFRaM @ 8Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 8Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI039
9	InFRaM @ 9Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 9Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI036
10	InFRaM @ 10.5Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 10.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI140
11	InFRaM @ 12Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 12Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI141
12	InFRaM @ 155Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 155Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI048
13	InFRaM @ 622Mbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 622Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI049

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
14	InFRaM @ 2.45Gbps	Internet Flat Rate Service with Managed Router (InFRaM) @ 2.45Gbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI050
15	Flat Rate Internet with Managed Router 10Mbps	Flat Rate Internet with Managed Router 10Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI059
16	Flat Rate Internet with Managed Router 15Mbps	Flat Rate Internet with Managed Router 15Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI060
17	Flat Rate Internet with Managed Router 20Mbps	Flat Rate Internet with Managed Router 20Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI061
18	Flat Rate Internet with Managed Router 25Mbps	Flat Rate Internet with Managed Router 25Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI062
19	Flat Rate Internet with Managed Router 30Mbps	Flat Rate Internet with Managed Router 30Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI063

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
20	Flat Rate Internet with Managed Router 35Mbps	Flat Rate Internet with Managed Router 35Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI064
21	Flat Rate Internet with Managed Router 40Mbps	Flat Rate Internet with Managed Router 40Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI065
22	Flat Rate Internet with Managed Router 45Mbps	Flat Rate Internet with Managed Router 45Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI066
23	Flat Rate Internet with Managed Router 3Mbps	Flat Rate Internet with Managed Router 3Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI207
24	Flat Rate Internet with Managed Router 4.5Mbps	Flat Rate Internet with Managed Router 4.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI208
25	Flat Rate Internet with Managed Router 6Mbps	Flat Rate Internet with Managed Router 6Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI209

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
26	Flat Rate Internet with Managed Router 7.5Mbps	Flat Rate Internet with Managed Router 7.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI210
27	Flat Rate Internet with Managed Router 9Mbps	Flat Rate Internet with Managed Router 9Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI211
28	Flat Rate Internet with Managed Router 10.5Mbps	Flat Rate Internet with Managed Router 10.5Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI212
29	Flat Rate Internet with Managed Router 12Mbps	Flat Rate Internet with Managed Router 12Mbps	Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed router.	NI213

24.2.5.3 LTE Backup Service Options

If the Contractor provides LTE backup services for Managed Equipment the Contractor shall use current CALNET Cellular providers. All Bidders are required to indicate below that they understand the requirement regardless of their intent to provide LTE backup services.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.2.6 Internet Service Geographic Service Areas

Bidder shall identify the locations where their InFRa, InFRaM, BHIS and BHIMS Internet Services are available in Table 24.2.6.a. The Contractor shall provide the service where commercially available through Contractor owned

facilities, third-party agreements, and as allowed by State or Federal regulations. Commitment to provide service is subject to facility availability as determined by the Bidder at time of bid submission and may be reassessed by Contractor at time of service order.

Bidder understands the Requirement and shall meet or exceed it? Yes

Special construction charges that may be required to provide this service are not included in this offering or contained within the CALNET contracts and must be acquired by the customer directly through other procurement means.

Bidder understands the Requirement and shall meet or exceed it? Yes

Bidders may reference Table 24.2.6.a in their Catalog A.

Table 24.2.6.a – Bidder's Flat Rate Internet Service Locations

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
1	Agoura Hills	Yes	Yes		
2	Alameda	Yes	Yes		
3	Albany	Yes	Yes		
4	Alhambra	Yes	Yes		
5	Aliso Viejo	Yes	Yes		
6	American Canyon	Yes	Yes		
7	Anaheim	Yes	Yes		
8	Anderson	Yes	Yes		
9	Antioch	Yes	Yes		
10	Arcadia	Yes	Yes		
11	Arcata	Yes	Yes		
12	Arroyo Grande	Yes	Yes		
13	Arvin	Yes	Yes		
14	Atascadero	Yes	Yes		
15	Atherton	Yes	Yes		
16	Atwater	Yes	Yes		
17	Auburn	Yes	Yes		
18	Avalon	Yes	Yes		
19	Avenal	Yes	Yes		
20	Bakersfield	Yes	Yes		
21	Baldwin Park	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
22	Bell	Yes	Yes		
23	Bellflower	Yes	Yes		
24	Belmont	Yes	Yes		
25	Belvedere	Yes	Yes		
26	Benicia	Yes	Yes		
27	Berkeley	Yes	Yes		
28	Beverly Hills	Yes	Yes		
29	Biggs	Yes	Yes		
30	Blue Lake	Yes	Yes		
31	Brawley	Yes	Yes		
32	Brea	Yes	Yes		
33	Brentwood	Yes	Yes		
34	Brisbane	Yes	Yes		
35	Buena Park	Yes	Yes		
36	Burbank	Yes	Yes		
37	Burlingame	Yes	Yes		
38	Calabasas	Yes	Yes		
39	Calexico	Yes	Yes		
40	Calipatria	Yes	Yes		
41	Calistoga	Yes	Yes		
42	Camarillo	Yes	Yes		
43	Campbell	Yes	Yes		
44	Capitola	Yes	Yes		
45	Carlsbad	Yes	Yes		
46	Carmel-By-The-Sea	Yes	Yes		
47	Carson	Yes	Yes		
48	Ceres	Yes	Yes		
49	Chico	Yes	Yes		
50	Chino	Yes	Yes		
51	Chowchilla	Yes	Yes		
52	Chula Vista	Yes	Yes		
53	Citrus Heights	Yes	Yes		
54	Claremont	Yes	Yes		
55	Clayton	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
56	Clearlake	Yes	Yes		
57	Cloverdale	Yes	Yes		
58	Coalinga	Yes	Yes		
59	Colma	Yes	Yes		
60	Colton	Yes	Yes		
61	Commerce	Yes	Yes		
62	Compton	Yes	Yes		
63	Concord	Yes	Yes		
64	Corning	Yes	Yes		
65	Corona	Yes	Yes		
66	Coronado	Yes	Yes		
67	Corte Madera	Yes	Yes		
68	Costa Mesa	Yes	Yes		
69	Cotati	Yes	Yes		
70	Cudahy	Yes	Yes		
71	Culver City	Yes	Yes		
72	Cupertino	Yes	Yes		
73	Cypress	Yes	Yes		
74	Daly City	Yes	Yes		
75	Dana Point	Yes	Yes		
76	Danville	Yes	Yes		
77	Davis	Yes	Yes		
78	Del Mar	Yes	Yes		
79	Del Rey Oaks	Yes	Yes		
80	Delano	Yes	Yes		
81	Diamond Bar	Yes	Yes		
82	Dinuba	Yes	Yes		
83	Dixon	Yes	Yes		
84	Downey	Yes	Yes		
85	Dublin	Yes	Yes		
86	Dunsmuir	Yes	Yes		
87	East Palo Alto	Yes	Yes		
88	El Cajon	Yes	Yes		
89	El Centro	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
90	El Cerrito	Yes	Yes		
91	El Monte	Yes	Yes		
92	El Paso De Robles	Yes	Yes		
93	El Segundo	Yes	Yes		
94	Elk Grove	Yes	Yes		
95	Emeryville	Yes	Yes		
96	Encinitas	Yes	Yes		
97	Escalon	Yes	Yes		
98	Escondido	Yes	Yes		
99	Eureka	Yes	Yes		
100	Fairfax	Yes	Yes		
101	Fairfield	Yes	Yes		
102	Farmersville	Yes	Yes		
103	Fillmore	Yes	Yes		
104	Firebaugh	Yes	Yes		
105	Folsom	Yes	Yes		
106	Fontana	Yes	Yes		
107	Fort Bragg	Yes	Yes		
108	Fortuna	Yes	Yes		
109	Foster City	Yes	Yes		
110	Fountain Valley	Yes	Yes		
111	Fremont	Yes	Yes		
112	Fresno	Yes	Yes		
113	Fullerton	Yes	Yes		
114	Galt	Yes	Yes		
115	Garden Grove	Yes	Yes		
116	Gardena	Yes	Yes		
117	Gilroy	Yes	Yes		
118	Glendale	Yes	Yes		
119	Glendora	Yes	Yes		
120	Gonzales	Yes	Yes		
121	Grand Terrace	Yes	Yes		
122	Grass Valley	Yes	Yes		
123	Greenfield	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
124	Gridley	Yes	Yes		
125	Grover Beach	Yes	Yes		
126	Gustine	Yes	Yes		
127	Half Moon Bay	Yes	Yes		
128	Hanford	Yes	Yes		
129	Hawthorne	Yes	Yes		
130	Hayward	Yes	Yes		
131	Healdsburg	Yes	Yes		
132	Hercules	Yes	Yes		
133	Hermosa Beach	Yes	Yes		
134	Hidden Hills	Yes	Yes		
135	Highland	Yes	Yes		
136	Hillsborough	Yes	Yes		
137	Hollister	Yes	Yes		
138	Holtville	Yes	Yes		
139	Hughson	Yes	Yes		
140	Huntington Beach	Yes	Yes		
141	Huntington Park	Yes	Yes		
142	Huron	Yes	Yes		
143	Imperial	Yes	Yes		
144	Imperial Beach	Yes	Yes		
145	Inglewood	Yes	Yes		
146	Ione	Yes	Yes		
147	Irvine	Yes	Yes		
148	Jackson	Yes	Yes		
149	King City	Yes	Yes		
150	Kingsburg	Yes	Yes		
151	La Canada Flintridge	Yes	Yes		
152	La Habra	Yes	Yes		
153	La Mesa	Yes	Yes		
154	La Mirada	Yes	Yes		
155	La Puente	Yes	Yes		
156	Lafayette	Yes	Yes		
157	Laguna Beach	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
158	Laguna Hills	Yes	Yes		
159	Laguna Niguel	Yes	Yes		
160	Laguna Woods	Yes	Yes		
161	Lake Elsinore	Yes	Yes		
162	Lake Forest	Yes	Yes		
163	Lakeport	Yes	Yes		
164	Lakewood	Yes	Yes		
165	Lancaster	Yes	Yes		
166	Larkspur	Yes	Yes		
167	Lemon Grove	Yes	Yes		
168	Lemoore	Yes	Yes		
169	Lincoln	Yes	Yes		
170	Live Oak	Yes	Yes		
171	Livermore	Yes	Yes		
172	Livingston	Yes	Yes		
173	Lodi	Yes	Yes		
174	Lomita	Yes	Yes		
175	Long Beach	Yes	Yes		
176	Loomis	Yes	Yes		
177	Los Alamitos	Yes	Yes		
178	Los Altos	Yes	Yes		
179	Los Altos Hills	Yes	Yes		
180	Los Angeles	Yes	Yes		
181	Los Banos	Yes	Yes		
182	Los Gatos	Yes	Yes		
183	Loyalton	Yes	Yes		
184	Lynwood	Yes	Yes		
185	Madera	Yes	Yes		
186	Manhattan Beach	Yes	Yes		
187	Marina	Yes	Yes		
188	Martinez	Yes	Yes		
189	Marysville	Yes	Yes		
190	Maywood	Yes	Yes		
191	Mendota	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
192	Menlo Park	Yes	Yes		
193	Merced	Yes	Yes		
194	Mill Valley	Yes	Yes		
195	Millbrae	Yes	Yes		
196	Milpitas	Yes	Yes		
197	Mission Viejo	Yes	Yes		
198	Modesto	Yes	Yes		
199	Monrovia	Yes	Yes		
200	Montague	Yes	Yes		
201	Montclair	Yes	Yes		
202	Montebello	Yes	Yes		
203	Monterey	Yes	Yes		
204	Monterey Park	Yes	Yes		
205	Moorpark	Yes	Yes		
206	Moraga	Yes	Yes		
207	Morgan Hill	Yes	Yes		
208	Morro Bay	Yes	Yes		
209	Mount Shasta	Yes	Yes		
210	Mountain View	Yes	Yes		
211	Napa	Yes	Yes		
212	National City	Yes	Yes		
213	Nevada City	Yes	Yes		
214	Newark	Yes	Yes		
215	Newman	Yes	Yes		
216	Newport Beach	Yes	Yes		
217	Norco	Yes	Yes		
218	Norwalk	Yes	Yes		
219	Novato	Yes	Yes		
220	Oakdale	Yes	Yes		
221	Oakland	Yes	Yes		
222	Oakley	Yes	Yes		
223	Oceanside	Yes	Yes		
224	Ojai	Yes	Yes		
225	Ontario	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
226	Orange	Yes	Yes		
227	Orange Cove	Yes	Yes		
228	Orinda	Yes	Yes		
229	Orland	Yes	Yes		
230	Oroville	Yes	Yes		
231	Oxnard	Yes	Yes		
232	Pacific Grove	Yes	Yes		
233	Pacifica	Yes	Yes		
234	Palmdale	Yes	Yes		
235	Palo Alto	Yes	Yes		
236	Paradise	Yes	Yes		
237	Paramount	Yes	Yes		
238	Parlier	Yes	Yes		
239	Pasadena	Yes	Yes		
240	Petaluma	Yes	Yes		
241	Pico Rivera	Yes	Yes		
242	Piedmont	Yes	Yes		
243	Pinole	Yes	Yes		
244	Pismo Beach	Yes	Yes		
245	Pittsburg	Yes	Yes		
246	Placentia	Yes	Yes		
247	Placerville	Yes	Yes		
248	Pleasant Hill	Yes	Yes		
249	Pleasanton	Yes	Yes		
250	Plymouth	Yes	Yes		
251	Point Arena	Yes	Yes		
252	Pomona	Yes	Yes		
253	Port Hueneme	Yes	Yes		
254	Porterville	Yes	Yes		
255	Portola	Yes	Yes		
256	Portola Valley	Yes	Yes		
257	Poway	Yes	Yes		
258	Rancho Cordova	Yes	Yes		
259	Rancho Cucamonga	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
260	Rancho Santa Margarita	Yes	Yes		
261	Red Bluff	Yes	Yes		
262	Redding	Yes	Yes		
263	Redondo Beach	Yes	Yes		
264	Redwood City	Yes	Yes		
265	Rialto	Yes	Yes		
266	Richmond	Yes	Yes		
267	Rio Dell	Yes	Yes		
268	Ripon	Yes	Yes		
269	Riverbank	Yes	Yes		
270	Riverside	Yes	Yes		
271	Rocklin	Yes	Yes		
272	Rohnert Park	Yes	Yes		
273	Rolling Hills	Yes	Yes		
274	Rosemead	Yes	Yes		
275	Roseville	Yes	Yes		
276	Ross	Yes	Yes		
277	Sacramento	Yes	Yes		
278	Salinas	Yes	Yes		
279	San Anselmo	Yes	Yes		
280	San Bernardino	Yes	Yes		
281	San Bruno	Yes	Yes		
282	San Buenaventura	Yes	Yes		
283	San Carlos	Yes	Yes		
284	San Clemente	Yes	Yes		
285	San Diego	Yes	Yes		
286	San Fernando	Yes	Yes		
287	San Francisco	Yes	Yes		
288	San Gabriel	Yes	Yes		
289	San Jose	Yes	Yes		
290	San Juan Bautista	Yes	Yes		
291	San Juan Capistrano	Yes	Yes		
292	San Leandro	Yes	Yes		
293	San Luis Obispo	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
294	San Marcos	Yes	Yes		
295	San Marino	Yes	Yes		
296	San Mateo	Yes	Yes		
297	San Pablo	Yes	Yes		
298	San Rafael	Yes	Yes		
299	San Ramon	Yes	Yes		
300	Sand City	Yes	Yes		
301	Santa Ana	Yes	Yes		
302	Santa Clara	Yes	Yes		
303	Santa Clarita	Yes	Yes		
304	Santa Cruz	Yes	Yes		
305	Santa Fe Springs	Yes	Yes		
306	Santa Maria	Yes	Yes		
307	Santa Monica	Yes	Yes		
308	Santa Rosa	Yes	Yes		
309	Santee	Yes	Yes		
310	Saratoga	Yes	Yes		
311	Sausalito	Yes	Yes		
312	Scotts Valley	Yes	Yes		
313	Seaside	Yes	Yes		
314	Sebastopol	Yes	Yes		
315	Selma	Yes	Yes		
316	Shafter	Yes	Yes		
317	Shasta Lake	Yes	Yes		
318	Simi Valley	Yes	Yes		
319	Solana Beach	Yes	Yes		
320	Soledad	Yes	Yes		
321	Sonoma	Yes	Yes		
322	Sonora	Yes	Yes		
323	South El Monte	Yes	Yes		
324	South Gate	Yes	Yes		
325	South Lake Tahoe	Yes	Yes		
326	South Pasadena	Yes	Yes		
327	South San Francisco	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
328	Stanton	Yes	Yes		
329	Stockton	Yes	Yes		
330	Suisun City	Yes	Yes		
331	Sunnyvale	Yes	Yes		
332	Sutter Creek	Yes	Yes		
333	Tehachapi	Yes	Yes		
334	Tehama	Yes	Yes		
335	Temple City	Yes	Yes		
336	Thousand Oaks	Yes	Yes		
337	Tiburon	Yes	Yes		
338	Torrance	Yes	Yes		
339	Tracy	Yes	Yes		
340	Trinidad	Yes	Yes		
341	Truckee	Yes	Yes		
342	Tulare	Yes	Yes		
343	Turlock	Yes	Yes		
344	Tustin	Yes	Yes		
345	Ukiah	Yes	Yes		
346	Union City	Yes	Yes		
347	Upland	Yes	Yes		
348	Vacaville	Yes	Yes		
349	Vallejo	Yes	Yes		
350	Vernon	Yes	Yes		
351	Villa Park	Yes	Yes		
352	Visalia	Yes	Yes		
353	Vista	Yes	Yes		
354	Walnut Creek	Yes	Yes		
355	Wasco	Yes	Yes		
356	Waterford	Yes	Yes		
357	Watsonville	Yes	Yes		
358	Weed	Yes	Yes		
359	West Covina	Yes	Yes		
360	West Hollywood	Yes	Yes		
361	West Los Angeles	Yes	Yes		

Line Item	Service Location – City or ZIP Code	InFRa	InFRaM		
362	West Sacramento	Yes	Yes		
363	Westlake Village	Yes	Yes		
364	Westminster	Yes	Yes		
365	Westmorland	Yes	Yes		
366	Wheatland	Yes	Yes		
367	Whittier	Yes	Yes		
368	Willits	Yes	Yes		
369	Willows	Yes	Yes		
370	Windsor	Yes	Yes		
371	Winters	Yes	Yes		
372	Woodlake	Yes	Yes		
373	Woodland	Yes	Yes		
374	Woodside	Yes	Yes		
375	Yorba Linda	Yes	Yes		
376	Yountville	Yes	Yes		
377	Yreka	Yes	Yes		
378	Yuba City	Yes	Yes		

24.2.7 Additional Unsolicited Internet Services

All Bidder equipment, tasks and services required for provisioning of the services shall be identified in Table 24.2.7.

Table 24.2.7 – Additional Unsolicited Internet Services

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
1	Class of Service Flat Rate 1.5	Class of Service Flat Rate 1.5	AT&T Internet Service Class of Service.	NI067
2	Class of Service Flat Rate NxT1	Class of Service Flat Rate NxT1	AT&T Internet Service Class of Service.	NI068
3	Class of Service Flat Rate 10	Class of Service Flat Rate 10	AT&T Internet Service Class of Service.	NI069
4	Class of Service Flat Rate 15	Class of Service Flat Rate 15	AT&T Internet Service Class of Service.	NI070

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
5	Class of Service Flat Rate 20	Class of Service Flat Rate 20	AT&T Internet Service Class of Service.	NI071
6	Class of Service Flat Rate 25	Class of Service Flat Rate 25	AT&T Internet Service Class of Service.	NI072
7	Class of Service Flat Rate 30	Class of Service Flat Rate 30	AT&T Internet Service Class of Service.	NI073
8	Class of Service Flat Rate 35	Class of Service Flat Rate 35	AT&T Internet Service Class of Service.	NI074
9	Class of Service Flat Rate 40	Class of Service Flat Rate 40	AT&T Internet Service Class of Service.	NI075
10	Class of Service Flat Rate 45	Class of Service Flat Rate 45	AT&T Internet Service Class of Service.	NI076
11	Class of Service Flex 2	Class of Service Flex 2	AT&T Internet Service Class of Service.	NI077
12	Class of Service Flex 3	Class of Service Flex 3	AT&T Internet Service Class of Service.	NI078
13	Class of Service Flex 4	Class of Service Flex 4	AT&T Internet Service Class of Service.	NI079
14	Class of Service Flex 5	Class of Service Flex 5	AT&T Internet Service Class of Service.	NI080
15	Class of Service Flex 6	Class of Service Flex 6	AT&T Internet Service Class of Service.	NI081
16	Class of Service Flex 7	Class of Service Flex 7	AT&T Internet Service Class of Service.	NI082
17	Class of Service Flex 8	Class of Service Flex 8	AT&T Internet Service Class of Service.	NI083
18	Class of Service Flex 9	Class of Service Flex 9	AT&T Internet Service Class of Service.	NI084
19	Class of Service Flex 10	Class of Service Flex 10	AT&T Internet Service Class of Service.	NI085
20	Class of Service Flex 15	Class of Service Flex 15	AT&T Internet Service Class of Service.	NI086
21	Class of Service Flex 20	Class of Service Flex 20	AT&T Internet Service Class of Service.	NI087
22	Class of Service Flex 25	Class of Service Flex 25	AT&T Internet Service Class of Service.	NI088
23	Class of Service Flex 30	Class of Service Flex 30	AT&T Internet Service Class of Service.	NI089

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
24	Class of Service Flex 40	Class of Service Flex 40	AT&T Internet Service Class of Service.	NI090
25	Class of Service Flex 45	Class of Service Flex 45	AT&T Internet Service Class of Service.	NI091
26	Class of Service Flex 45.1 – 155	Class of Service Flex 45.1 – 155	AT&T Internet Service Class of Service.	NI092
27	Class of Service Flex 200 – 250	Class of Service Flex 200 – 250	AT&T Internet Service Class of Service.	NI093
28	Class of Service Flex 300 – 350	Class of Service Flex 300 – 350	AT&T Internet Service Class of Service.	NI094
29	Class of Service Flex 400 – 600	Class of Service Flex 400 – 600	AT&T Internet Service Class of Service.	NI095
30	Class of Service Flex 700 – 1000	Class of Service Flex 700 – 1000	AT&T Internet Service Class of Service.	NI096
31	Class of Service Flex 1500	Class of Service Flex 1500	AT&T Internet Service Class of Service.	NI097
32	Class of Service Flex 2000	Class of Service Flex 2000	AT&T Internet Service Class of Service.	NI098
33	Class of Service Flex 2500	Class of Service Flex 2500	AT&T Internet Service Class of Service.	NI099
34	Class of Service Flex 3000	Class of Service Flex 3000	AT&T Internet Service Class of Service.	NI333
35	Class of Service Flex 3500	Class of Service Flex 3500	AT&T Internet Service Class of Service.	NI350
36	Class of Service Flex 4000	Class of Service Flex 4000	AT&T Internet Service Class of Service.	NI351
37	Class of Service Flex4500	Class of Service Flex4500	AT&T Internet Service Class of Service.	NI103
38	Class of Service Flex 5000	Class of Service Flex 5000	AT&T Internet Service Class of Service.	NI104
39	Class of Service Flex 5500	Class of Service Flex 5500	AT&T Internet Service Class of Service.	NI105
40	Class of Service Flex 6000	Class of Service Flex 6000	AT&T Internet Service Class of Service.	NI106
41	Class of Service Flex 6500	Class of Service Flex 6500	AT&T Internet Service Class of Service.	NI107
42	Class of Service Flex 7000	Class of Service Flex 7000	AT&T Internet Service Class of Service.	NI108

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
43	Class of Service Flex 7500	Class of Service Flex 7500	AT&T Internet Service Class of Service.	NI109
44	Class of Service Flex 8000	Class of Service Flex 8000	AT&T Internet Service Class of Service.	NI110
45	Class of Service Flex 8500	Class of Service Flex 8500	AT&T Internet Service Class of Service.	NI115
46	Class of Service Flex 9000	Class of Service Flex 9000	AT&T Internet Service Class of Service.	NI112
47	Class of Service Flex 9500	Class of Service Flex 9500	AT&T Internet Service Class of Service.	NI113
48	Class of Service Flex 10000	Class of Service Flex 10000	AT&T Internet Service Class of Service.	NI114
49	AT&T SDWAN		AT&T SD-WAN allows Customer to optimize the performance of its business applications by dynamically routing packets between each WAN connection at a Site based upon Customer pre-selected routing policies based on the application type and the performance of each of the WAN connections. Requires AT&T provided VNFs or hardware specific software deployed at Customer Site and network management for each Site. SD-WAN can be used to route Customer data to other Sites in the Customer's network. AT&T will make SD-WAN administrative changes per Customer request.	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
50	AT&T SDWAN with Cisco - 10M - vEDGE-100B-AC-K9	AT&T SDWAN with Cisco - 10M - vEDGE-100B-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEDGE-100B-AC-K9 model or successor model. Supports up to 10 Mbps throughput.	SW001
51	AT&T SDWAN with Cisco - 50M - vEDGE-100B-AC-K9	AT&T SDWAN with Cisco - 50M - vEDGE-100B-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEDGE-100B-AC-K9 model or successor model. Supports up to 50 Mbps throughput.	SW002
52	AT&T SDWAN with Cisco - 10M - vEDGE-100M-NA-K9	AT&T SDWAN with Cisco - 10M - vEDGE-100M-NA-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEDGE-100M-NA-K9 model or successor model. Supports up to 10 Mbps throughput.	SW003
53	AT&T SDWAN with Cisco - 50M - vEDGE-100M-NA-K9	AT&T SDWAN with Cisco - 50M - vEDGE-100M-NA-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance	SW004

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			and management. Cisco vEDGE-100M-NA-K9 model or successor model. Supports up to 10 Mbps throughput.	
54	AT&T SDWAN with Cisco - 100M - vEDGE-1000-AC-K9	AT&T SDWAN with Cisco - 100M - vEDGE-1000-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEDGE-1000-AC-K9 model or successor model. Supports up to 100 Mbps throughput.	SW005
55	AT&T SDWAN with Cisco - 500M - vEDGE-1000-AC-K9	AT&T SDWAN with Cisco - 500M - vEDGE-1000-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEDGE-1000-AC-K9 model or successor model. Supports up to 500 Mbps throughput.	SW006
56	AT&T SDWAN with Cisco - 1G - vEdge-2000-AC-K9	AT&T SDWAN with Cisco - 1G - vEdge-2000-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEdge-2000-AC-K9 model or successor model. Supports up to 1 Gbps throughput.	SW007

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
57	AT&T SDWAN with Cisco - 5G - vEdge-2000-AC-K9	AT&T SDWAN with Cisco - 5G - vEdge-2000-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco vEdge-2000-AC-K9 model or successor model. Supports up to 5 Gbps throughput.	SW008
58	AT&T SDWAN with Cisco - 10G - VEDGE-5000-AC-K9	AT&T SDWAN with Cisco - 10G - VEDGE-5000-AC-K9	AT&T owned and managed SDWAN appliance. Includes installation, SDWAN license, configuration, life-cycle maintenance and management. Cisco VEDGE-5000-AC-K9 model or successor model. Supports up to 10 Gbps throughput.	SW009
59	AT&T Enterprise Traffic Protector 0 - 99 Mbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 0-99 Mbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be provisioned on either AT&T service or another	ETP01

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			internet service provider's service.	
60	AT&T Enterprise Traffic Protector 100 - 499 Mbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 100 - 499 Mbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be provisioned on either AT&T service or another internet service provider's service.	ETP02
61	AT&T Enterprise Traffic Protector 500 - 999 Mbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 500 - 999 Mbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be	ETP03

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			provisioned on either AT&T service or another internet service provider's service.	
62	AT&T Enterprise Traffic Protector 1 - 2.99 Gbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 1 - 2.99 Gbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be provisioned on either AT&T service or another internet service provider's service.	ETP04
63	AT&T Enterprise Traffic Protector 3 - 4.99 Gbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 3 - 4.99 Gbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be	ETP05

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			provisioned on either AT&T service or another internet service provider's service.	
64	AT&T Enterprise Traffic Protector 5 - 6.99 Gbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 5 - 6.99 Gbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be provisioned on either AT&T service or another internet service provider's service.	ETP06
65	AT&T Enterprise Traffic Protector 7 - 9.99 Gbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 7 - 9.99 Gbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be	ETP07

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			provisioned on either AT&T service or another internet service provider's service.	
66	AT&T Enterprise Traffic Protector 10 - 14.99 Gbps	AT&T Enterprise Traffic Protector for internet circuits with speed from 10 - 14.99 Gbps	AT&T Enterprise Traffic Protector (ETP) is a DNS based solution that would have helped protect against these attacks. ETP is highly effective because it kills the malware chain in the first step (at the time of DNS resolution) and prevents devices already infected from communicating back to a malicious host. Can be provisioned on either AT&T service or another internet service provider's service.	ETP08
67	AT&T Enterprise Application Access Enterprise 1 - 129 Users	AT&T Enterprise Application Access Enterprise 1 - 129 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote	EAE01

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
68	AT&T Enterprise Application Access Enterprise 130 - 499 Users	AT&T Enterprise Application Access Enterprise 130 - 499 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform.	EAE02

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
69	AT&T Enterprise Application Access Enterprise 500 - 999 Users	AT&T Enterprise Application Access Enterprise 500 - 999 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single	EAE03

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
70	AT&T Enterprise Application Access Enterprise 1,000 - 2,499 Users	AT&T Enterprise Application Access Enterprise 1,000 - 2,499 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users	EAE04

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
71	AT&T Enterprise Application Access Enterprise 2,500 - 4,999 Users	AT&T Enterprise Application Access Enterprise 2,500 - 4,999 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A	EAE05

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
72	AT&T Enterprise Application Access Enterprise 5,000 - 7,499 Users	AT&T Enterprise Application Access Enterprise 5,000 - 7,499 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software.	EAE06

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
73	AT&T Enterprise Application Access Enterprise 7,500 - 9,999 Users	AT&T Enterprise Application Access Enterprise 7,500 - 9,999 Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software. With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single	EAE07

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
74	AT&T Enterprise Application Access Enterprise 10,000+ Users	AT&T Enterprise Application Access Enterprise 10,000+ Users	Enterprise Application Access-Enterprise enables a Customer to provide authorized users secure remote access to designated applications deployed either in the Customer datacenter or on public IaaS platform. Enterprise Application Access (EAA) is a cloud service that delivers access to applications without providing remote users access to your entire network. EAA provides a centralized, managed solution that does not require external hardware or software.	EAE08

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			With EAA no one can get to applications directly because they are hidden from the Internet and public exposure. A unique dual-cloud architecture closes all inbound firewall ports while providing authenticated end users access to only their specific applications. EAA integrates data-path protection, identity access, single or multi-factor authentication, application security, and management visibility and control into a single service. Enterprise Application Access-Enterprise Supports Unlimited Applications.	
75	Flexware Standard	Flexware is a managed service that allows Customers to deploy and use one or more Virtual Network Functions in conjunction with associated AT&T Equipment which may be included in the Customer's solution. Virtual Network	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices.	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		Functions are networking capabilities, such as routing, that have traditionally been implemented in single-purpose hardware appliances and can now run as virtualized software instances at the customer site. The Service consists of AT&T owned and managed Host (CPE) with Virtual Network Functions (VNF). Other VNFs, such as SDWAN, firewall and WAN acceleration, AT&T or customer managed, can be added to the host (subject to limitations). A customer managed router VNF is available.		
76	Flexware Standard uCPE AT&T U210	Flexware Standard uCPE AT&T U210 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW001

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
77	Flexware Standard uCPE AT&T U410	Flexware Standard uCPE AT&T U410 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW002
78	Flexware Standard uCPE AT&T U412	Flexware Standard uCPE AT&T U412 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW003
79	Flexware Standard uCPE AT&T U210-T	Flexware Standard uCPE AT&T U210-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW004
80	Flexware Standard uCPE AT&T U410-T	Flexware Standard uCPE AT&T U410-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW005
81	Flexware Standard uCPE AT&T U412-T	Flexware Standard uCPE AT&T U412-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW006
82	Flexware Standard uCPE AT&T V150	Flexware Standard uCPE AT&T V150 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW007
83	Flexware Standard uCPE AT&T V250	Flexware Standard uCPE AT&T V250 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW008
84	Flexware Standard uCPE AT&T V450	Flexware Standard uCPE AT&T V450 or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line	FW009

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			provided separately for maintenance.	
85	Flexware Standard uCPE AT&T V150-T	Flexware Standard uCPE AT&T V150-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW010
86	Flexware Standard uCPE AT&T V250-T	Flexware Standard uCPE AT&T V250-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW011
87	Flexware Standard uCPE AT&T V450-T	Flexware Standard uCPE AT&T V450-T or successor model.	AT&T Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.	FW012
88	Managed VNF Juniper vSRX 100M	Managed VNF Juniper vSRX 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW013
89	Managed VNF Juniper vSRX 300M	Managed VNF Juniper vSRX 300M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW014
90	Managed VNF Juniper vSRX 1G	Managed VNF Juniper vSRX 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW015
91	Managed VNF Cisco CSR 10M	Managed VNF Cisco CSR 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW016

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
92	Managed VNF Cisco CSR 50M	Managed VNF Cisco CSR 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW017
93	Managed VNF Cisco CSR 100M	Managed VNF Cisco CSR 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW018
94	Managed VNF Cisco CSR 250M	Managed VNF Cisco CSR 250M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW019
95	Managed VNF Cisco CSR 500M	Managed VNF Cisco CSR 500M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW020
96	Managed VNF Cisco CSR 1G	Managed VNF Cisco CSR 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW021
97	Managed VNF Cisco CSR 2.5G	Managed VNF Cisco CSR 2.5G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW022
98	Managed VNF Cisco CSR AX 10M	Managed VNF Cisco CSR AX 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW023
99	Managed VNF Cisco CSR AX 50M	Managed VNF Cisco CSR AX 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW024

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
100	Managed VNF Cisco CSR AX 100M	Managed VNF Cisco CSR AX 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW025
101	Managed VNF Cisco CSR AX 250M	Managed VNF Cisco CSR AX 250M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW026
102	Managed VNF Cisco CSR AX 500M	Managed VNF Cisco CSR AX 500M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW027
103	Managed VNF Cisco CSR AX 1G	Managed VNF Cisco CSR AX 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW028
104	Managed VNF Cisco CSR AX 2.5G	Managed VNF Cisco CSR AX 2.5G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW029
105	Managed VNF Fortinet FortiGate - VM00 Essential	Managed VNF Fortinet FortiGate - VM00 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW030
106	Managed VNF Fortinet FortiGate - VM01 Essential	Managed VNF Fortinet FortiGate - VM01 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW031

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
107	Managed VNF Fortinet FortiGate - VM02 Essential	Managed VNF Fortinet FortiGate - VM02 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW032
108	Managed VNF Fortinet FortiGate - VM04 Essential	Managed VNF Fortinet FortiGate - VM04 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW033
109	Managed VNF Fortinet FortiGate - VM08 Essential	Managed VNF Fortinet FortiGate - VM08 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW034
110	Managed VNF Palo Alto VM50 - Essential	Managed VNF Palo Alto VM50 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW035
111	Managed VNF Palo Alto VM100 - Essential	Managed VNF Palo Alto VM100 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW036
112	Managed VNF Palo Alto VM300 - Essential	Managed VNF Palo Alto VM300 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW037
113	Managed VNF Fortinet FortiGate - VM00 Enhanced	Managed VNF Fortinet FortiGate - VM00 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW038
114	Managed VNF Fortinet FortiGate - VM01 Enhanced	Managed VNF Fortinet FortiGate - VM01 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW039

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
115	Managed VNF Fortinet FortiGate - VM02 Enhanced	Managed VNF Fortinet FortiGate - VM02 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW040
116	Managed VNF Fortinet FortiGate - VM04 Enhanced	Managed VNF Fortinet FortiGate - VM04 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW041
117	Managed VNF Fortinet FortiGate - VM08 Enhanced	Managed VNF Fortinet FortiGate - VM08 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW042
118	Managed VNF Palo Alto VM50 Enhanced	Managed VNF Palo Alto VM50 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW043
119	Managed VNF Palo Alto VM100 Enhanced	Managed VNF Palo Alto VM100 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW044
120	Managed VNF Palo Alto VM300 Enhanced	Managed VNF Palo Alto VM300 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW045
121	Managed VNF Juniper vSRX 100M Enhanced	Managed VNF Juniper vSRX 100M Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW046

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
122	Managed VNF Juniper vSRX 1G Enhanced	Managed VNF Juniper vSRX 1G Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW047
123	Managed VNF Riverbed Steelhead VCX-10	Managed VNF Riverbed Steelhead VCX-10	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW048
124	Managed VNF Riverbed Steelhead VCX-20	Managed VNF Riverbed Steelhead VCX-20	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW049
125	Managed VNF Riverbed Steelhead VCX-30	Managed VNF Riverbed Steelhead VCX-30	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW050
126	Managed VNF Riverbed Steelhead VCX-40	Managed VNF Riverbed Steelhead VCX-40	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW051
127	Managed VNF Riverbed Steelhead VCX-50	Managed VNF Riverbed Steelhead VCX-50	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW052
128	Managed VNF Riverbed Steelhead VCX-60	Managed VNF Riverbed Steelhead VCX-60	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW053
129	VNF Self Managed Juniper vSRX 100M	VNF Self Managed Juniper vSRX 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW054

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
130	VNF Self Managed Juniper vSRX 300M	VNF Self Managed Juniper vSRX 300M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW055
131	VNF Self Managed Juniper vSRX 1G	VNF Self Managed Juniper vSRX 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW056
132	VNF Self Managed VeloCloud vEdge ENT 10M	VNF Self Managed VeloCloud vEdge ENT 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW057
133	VNF Self Managed VeloCloud vEdge ENT 30M	VNF Self Managed VeloCloud vEdge ENT 30M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW058
134	VNF Self Managed VeloCloud vEdge ENT 50M	VNF Self Managed VeloCloud vEdge ENT 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW059
135	VNF Self Managed VeloCloud vEdge ENT 100M	VNF Self Managed VeloCloud vEdge ENT 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW060
136	VNF Self Managed VeloCloud vEdge ENT 200M	VNF Self Managed VeloCloud vEdge ENT 200M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW061

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
137	VNF Self Managed VeloCloud vEdge ENT 300M	VNF Self Managed VeloCloud vEdge ENT 300M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW062
138	VNF Self Managed VeloCloud vEdge ENT 400M	VNF Self Managed VeloCloud vEdge ENT 400M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW063
139	VNF Self Managed VeloCloud vEdge ENT 1G	VNF Self Managed VeloCloud vEdge ENT 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW064
140	VNF Self Managed VeloCloud vEdge PRE 10M	VNF Self Managed VeloCloud vEdge PRE 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW065
141	VNF Self Managed VeloCloud vEdge PRE 30M	VNF Self Managed VeloCloud vEdge PRE 30M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW066
142	VNF Self Managed VeloCloud vEdge PRE 50M	VNF Self Managed VeloCloud vEdge PRE 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW067
143	VNF Self Managed VeloCloud vEdge PRE 100M	VNF Self Managed VeloCloud vEdge PRE 100M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW068
144	VNF Self Managed VeloCloud vEdge PRE 200M	VNF Self Managed VeloCloud vEdge PRE 200M	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW069

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
145	VNF Self Managed VeloCloud vEdge PRE 300M	VNF Self Managed VeloCloud vEdge PRE 300M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW070
146	VNF Self Managed VeloCloud vEdge PRE 400M	VNF Self Managed VeloCloud vEdge PRE 400M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW071
147	VNF Self Managed VeloCloud vEdge PRE 1G	VNF Self Managed VeloCloud vEdge PRE 1G	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW072
148	VNF Self Managed Fortinet FortiGate - VM00 Essential	VNF Self Managed Fortinet FortiGate - VM00 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW073
149	VNF Self Managed Fortinet FortiGate - VM01 Essential	VNF Self Managed Fortinet FortiGate - VM01 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW074
150	VNF Self Managed Fortinet FortiGate - VM02 Essential	VNF Self Managed Fortinet FortiGate - VM02 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW075
151	VNF Self Managed Fortinet FortiGate - VM04 Essential	VNF Self Managed Fortinet FortiGate - VM04 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW076

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
152	VNF Self Managed Fortinet FortiGate - VM08 Essential	VNF Self Managed Fortinet FortiGate - VM08 Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW077
153	VNF Self Managed Palo Alto VM50 - Essential	VNF Self Managed Palo Alto VM50 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW078
154	VNF Self Managed Palo Alto VM100 - Essential	VNF Self Managed Palo Alto VM100 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW079
155	VNF Self Managed Palo Alto VM300 - Essential	VNF Self Managed Palo Alto VM300 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW080
156	VNF Self Managed Checkpoint VE10 - Essential	VNF Self Managed Checkpoint VE10 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW081
157	VNF Self Managed Checkpoint VE50 - Essential	VNF Self Managed Checkpoint VE50 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW082
158	VNF Self Managed Checkpoint VE250 - Essential	VNF Self Managed Checkpoint VE250 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW083
159	VNF Self Managed Checkpoint VE500 - Essential	VNF Self Managed Checkpoint VE500 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW084

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
160	VNF Self Managed Checkpoint VE1000 - Essential	VNF Self Managed Checkpoint VE1000 - Essential	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW085
161	VNF Self Managed Fortinet FortiGate - VM00 Enhanced	VNF Self Managed Fortinet FortiGate - VM00 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW086
162	VNF Self Managed Fortinet FortiGate - VM01 Enhanced	VNF Self Managed Fortinet FortiGate - VM01 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW087
163	VNF Self Managed Fortinet FortiGate - VM02 Enhanced	VNF Self Managed Fortinet FortiGate - VM02 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW088
164	VNF Self Managed Fortinet FortiGate - VM04 Enhanced	VNF Self Managed Fortinet FortiGate - VM04 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW089
165	VNF Self Managed Fortinet FortiGate - VM08 Enhanced	VNF Self Managed Fortinet FortiGate - VM08 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW090
166	VNF Self Managed Juniper vSRX 10M Enhanced	VNF Self Managed Juniper vSRX 10M Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW091

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
167	VNF Self Managed Juniper vSRX 100M Enhanced	VNF Self Managed Juniper vSRX 100M Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW092
168	VNF Self Managed Juniper vSRX 1G Enhanced	VNF Self Managed Juniper vSRX 1G Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW093
169	VNF Self Managed Palo Alto VM50 Enhanced	VNF Self Managed Palo Alto VM50 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW094
170	VNF Self Managed Palo Alto VM100 Enhanced	VNF Self Managed Palo Alto VM100 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW095
171	VNF Self Managed Palo Alto VM300 Enhanced	VNF Self Managed Palo Alto VM300 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW096
172	VNF Self Managed Checkpoint VE10 Enhanced	VNF Self Managed Checkpoint VE10 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW097
173	VNF Self Managed Checkpoint VE50 Enhanced	VNF Self Managed Checkpoint VE50 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW098
174	VNF Self Managed Checkpoint VE250 Enhanced	VNF Self Managed Checkpoint VE250 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE	FW099

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			devices with adequate capacity.	
175	VNF Self Managed Checkpoint VE500 Enhanced	VNF Self Managed Checkpoint VE500 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW100
176	VNF Self Managed Checkpoint VE1000 Enhanced	VNF Self Managed Checkpoint VE1000 Enhanced	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW101
177	VNF Self Managed Riverbed Steelhead VCX-10	VNF Self Managed Riverbed Steelhead VCX-10	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW102
178	VNF Self Managed Riverbed Steelhead VCX-20	VNF Self Managed Riverbed Steelhead VCX-20	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW103
179	VNF Self Managed Riverbed Steelhead VCX-30	VNF Self Managed Riverbed Steelhead VCX-30	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW104
180	VNF Self Managed Riverbed Steelhead VCX-40	VNF Self Managed Riverbed Steelhead VCX-40	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW105
181	VNF Self Managed Riverbed Steelhead VCX-50	VNF Self Managed Riverbed Steelhead VCX-50	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW106

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
182	VNF Self Managed Riverbed Steelhead VCX-60	VNF Self Managed Riverbed Steelhead VCX-60	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW107
183	VNF Self Managed Visibility with Salsa Orchestrator	VNF Self Managed Visibility with Salsa Orchestrator	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW108
184	VNF Self Managed QoE Control with Salsa Orchestrator 10M	VNF Self Managed QoE Control with Salsa Orchestrator 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW109
185	VNF Self Managed QoE Control with Salsa Orchestrator 50M	VNF Self Managed QoE Control with Salsa Orchestrator 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW110
186	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 10M	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 10M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW111
187	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 50M	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 50M	Flexware Standard VNF's must be configured on Flexware Standard uCPE devices with adequate capacity.	FW112
188	Installation - Flexware Host	Installation - Flexware Standard Host	Installation - Flexware Standard Host	FW113
189	Flexware Hardware Installation Per Unit	Flexware Standard Hardware Installation Per Unit	Flexware Standard Hardware Installation Per Unit	FW114

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
190	Flexware Specialized	Flexware is a managed service that allows Customers to deploy and use one or more Virtual Network Functions in conjunction with associated AT&T Equipment which may be included in the Customer's solution. Virtual Network Functions are networking capabilities, such as routing, that have traditionally been implemented in single-purpose hardware appliances and can now run as virtualized software instances at the customer site. The Service consists of AT&T owned and managed Host (CPE) with Virtual Network Functions (VNF). Other VNFs, such as SDWAN,		

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		firewall and WAN acceleration, AT&T or customer managed, can be added to the host (subject to limitations). A customer managed router VNF is available.		
191	uCPE AT&T Flexware Specialized White Label Small Device	uCPE AT&T Flexware Specialized White Label Small Device	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS00
192	uCPE AT&T Flexware Specialized White Label Medium Device	uCPE AT&T Flexware Specialized White Label Medium Device	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS01
193	uCPE AT&T Flexware Specialized White Label Large Device	uCPE AT&T Flexware Specialized White Label Large Device	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up	FWS02

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			to 10 Gbps network connection speeds.	
194	uCPE AT&T Flexware Specialized Unmanaged 3906 Large+Super FRU	uCPE AT&T Flexware Specialized Unmanaged 3906 Large+Super FRU or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS03
195	uCPE AT&T Flexware Specialized Managed 3906 Large+Super FRU	uCPE AT&T Flexware Specialized Managed 3906 Large+Super FRU or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS04
196	uCPE AT&T Flexware Specialized Unmanaged 3926 Large+Super FRU	uCPE AT&T Flexware Specialized Unmanaged 3926 Large+Super FRU or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS05
197	uCPE AT&T Flexware Specialized	uCPE AT&T Flexware Specialized Managed 3926	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a	FWS06

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed 3926 Large+Super FRU	Large+Super FRU or Successor Model	common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	
198	uCPE AT&T Flexware Specialized Unmanaged 3906 Medium	uCPE AT&T Flexware Specialized Unmanaged 3906 Medium or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS07
199	uCPE AT&T Flexware Specialized Managed 3906 Medium	uCPE AT&T Flexware Specialized Managed 3906 Medium or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS08
200	uCPE AT&T Flexware Specialized Unmanaged 3906 Large	uCPE AT&T Flexware Specialized Unmanaged 3906 Large or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS09

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
201	uCPE AT&T Flexware Specialized Managed 3906 Large	uCPE AT&T Flexware Specialized Managed 3906 Large or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS10
202	uCPE AT&T Flexware Specialized Unmanaged 3926 Large	uCPE AT&T Flexware Specialized Unmanaged 3926 Large or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS11
203	uCPE AT&T Flexware Specialized Managed 3926 Large	uCPE AT&T Flexware Specialized Managed 3926 Large or Successor Model	AT&T Managed Flexware Specialized uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, VNF service chaining and up to 10 Gbps network connection speeds.	FWS12
204	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-10 (Note1)	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-10 (Note1)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS13

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
205	AT&T Flexware Specialized Virtual Network Function Managed - SteelHead VCX-10 (Note1)	AT&T Flexware Specialized Virtual Network Function Managed - SteelHead VCX-10 (Note1)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS14
206	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-20 (Note1)	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-20 (Note1)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS15
207	AT&T Flexware Specialized Virtual Network Function Managed - SteelHead VCX-20 (Note1)	AT&T Flexware Specialized Virtual Network Function Managed - SteelHead VCX-20 (Note1)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS16
208	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-30	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-30	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS17
209	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-30	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-30	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS18
210	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS19

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Unmanaged-SteelHead VCX-40	Unmanaged-SteelHead VCX-40	uCPE Flexware Specialized equipment	
211	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-40	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-40	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS20
212	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-50	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS21
213	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-50	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS22
214	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-60	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-60	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS23
215	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-60	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-60	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS24

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
216	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-70	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-70	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS25
217	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-70	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-70	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS26
218	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-80	AT&T Flexware Specialized Virtual Network Function Unmanaged-SteelHead VCX-80	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS27
219	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-80	AT&T Flexware Specialized Virtual Network Function Managed-SteelHead VCX-80	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS28
220	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM00	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM00	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS29
221	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS30

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Fortigate VM00	Managed-Fortigate VM00	uCPE Flexware Specialized equipment	
222	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM01	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM01	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS31
223	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM01	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM01	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS32
224	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM02	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM02	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS33
225	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM02	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM02	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS34
226	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM04	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM04	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS35
227	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS36

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Fortigate VM04	Managed-Fortigate VM04	uCPE Flexware Specialized equipment	
228	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM08	AT&T Flexware Specialized Virtual Network Function Unmanaged-Fortigate VM08	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS37
229	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM08	AT&T Flexware Specialized Virtual Network Function Managed-Fortigate VM08	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS38
230	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-50	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS39
231	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-50	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS40
232	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-100	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-100	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS41
233	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS42

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Palo Alto VM-100	Managed-Palo Alto VM-100	uCPE Flexware Specialized equipment	
234	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-300	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-300	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS43
235	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-300	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-300	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS44
236	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-500	AT&T Flexware Specialized Virtual Network Function Unmanaged-Palo Alto VM-500	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS45
237	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-500	AT&T Flexware Specialized Virtual Network Function Managed-Palo Alto VM-500	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS46
238	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Small 250	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Small 250	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS47
239	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS48

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Mediant VE SBC KVM Small 250	Managed-Mediant VE SBC KVM Small 250	uCPE Flexware Specialized equipment	
240	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Medium 1400	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Medium 1400	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS49
241	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Medium 1400	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Medium 1400	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS50
242	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Large 2700	AT&T Flexware Specialized Virtual Network Function Unmanaged-Mediant VE SBC KVM Large 2700	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS51
243	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Large 2700	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Large 2700	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS52
244	AT&T Flexware Specialized Virtual Network Function Unmanaged-	AT&T Flexware Specialized Virtual Network Function Unmanaged-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS53

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Mediant VE SBC KVM Extra Large 10000	Mediant VE SBC KVM Extra Large 10000	uCPE Flexware Specialized equipment	
245	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Extra Large 10000	AT&T Flexware Specialized Virtual Network Function Managed-Mediant VE SBC KVM Extra Large 10000	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS54
246	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 250M	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS55
247	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 250M	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS56
248	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 500M	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS57
249	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 500M	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS58

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
250	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 5G	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 5G	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS59
251	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 5G	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 5G	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS60
252	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 10G	AT&T Flexware Specialized Virtual Network Function Unmanaged-Vyatta v5600 - 10G	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS61
253	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 10G	AT&T Flexware Specialized Virtual Network Function Managed-Vyatta v5600 - 10G	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS62
254	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS63
255	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS64

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00010-ENT-VEDG-XX	00010-ENT-VEDG-XX		
256	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS65
257	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS66
258	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS67
259	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00050-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00050-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS68

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
260	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS69
261	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS70
262	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS71
263	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS72
264	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS73

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00400-ENT-VEDG-XX	00400-ENT-VEDG-XX		
265	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS74
266	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS75
267	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-ENT-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-ENT-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS76
268	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS77

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
269	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS78
270	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS79
271	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS80
272	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS81
273	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS82

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00050-PRE-VEDG-XX	00050-PRE-VEDG-XX		
274	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS83
275	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS84
276	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS85
277	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS86

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
278	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS87
279	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS88
280	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 10M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 10M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS89
281	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 10M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 10M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS90
282	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 50M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 50M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS91
283	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS92

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-R80 20 FW - 50M	Managed-R80 20 FW - 50M	uCPE Flexware Specialized equipment	
284	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 250M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS93
285	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 250M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS94
286	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 500M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS95
287	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 500M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS96
288	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 1000M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 1000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS97
289	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWS98

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-R80 20 FW - 1000M	Managed-R80 20 FW - 1000M	uCPE Flexware Specialized equipment	
290	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 2000M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 2000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWS99
291	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 2000M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 2000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA0
292	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 5000M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 FW - 5000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA1
293	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 5000M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 FW - 5000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA2
294	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 10M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 10M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA3
295	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSA4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-R80 20 NGTX - 10M	Managed-R80 20 NGTX - 10M	uCPE Flexware Specialized equipment	
296	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 50M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 50M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA5
297	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 50M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 50M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA6
298	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYO VNF Small	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYO VNF Small	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA7
299	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYOVNF Medium	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYOVNF Medium	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA8
300	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYOVNF Large	AT&T Flexware Specialized Virtual Network Function Unmanaged-BYOVNF Large	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSA9
301	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSB0

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Unmanaged-BYOVNF - XLarge	Unmanaged-BYOVNF - XLarge	uCPE Flexware Specialized equipment	
302	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (10Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (10Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB1
303	AT&T Flexware Specialized Virtual Network Function Managed-Boost (10Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (10Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB2
304	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (20Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (20Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB3
305	AT&T Flexware Specialized Virtual Network Function Managed-Boost (20Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (20Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB4
306	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (50Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (50Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB5

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
307	AT&T Flexware Specialized Virtual Network Function Managed-Boost (50Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (50Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB6
308	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (100Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (100Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB7
309	AT&T Flexware Specialized Virtual Network Function Managed-Boost (100Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (100Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB8
310	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (200Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (200Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSB9
311	AT&T Flexware Specialized Virtual Network Function Managed-Boost (200Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (200Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC0
312	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (500Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (500Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
313	AT&T Flexware Specialized Virtual Network Function Managed-Boost (500Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (500Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC2
314	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (1000Mb) Primary	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (1000Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC3
315	AT&T Flexware Specialized Virtual Network Function Managed-Boost (1000Mb) Primary	AT&T Flexware Specialized Virtual Network Function Managed-Boost (1000Mb) Primary	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC4
316	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (10Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (10Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC5
317	AT&T Flexware Specialized Virtual Network Function Managed-Boost (10Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (10Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC6
318	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (20Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (20Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
319	AT&T Flexware Specialized Virtual Network Function Managed-Boost (20Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (20Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC8
320	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (50Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (50Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSC9
321	AT&T Flexware Specialized Virtual Network Function Managed-Boost (50Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (50Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD0
322	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (100Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (100Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD1
323	AT&T Flexware Specialized Virtual Network Function Managed-Boost (100Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (100Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD2
324	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (200Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (200Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD3

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
325	AT&T Flexware Specialized Virtual Network Function Managed-Boost (200Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (200Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD4
326	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (500Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (500Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD5
327	AT&T Flexware Specialized Virtual Network Function Managed-Boost (500Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (500Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD6
328	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (1000Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Unmanaged-Boost (1000Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD7
329	AT&T Flexware Specialized Virtual Network Function Managed-Boost (1000Mb) Back-up	AT&T Flexware Specialized Virtual Network Function Managed-Boost (1000Mb) Back-up	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD8
330	AT&T Flexware Specialized Virtual Network Function Unmanaged-	AT&T Flexware Specialized Virtual Network Function Unmanaged-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSD9

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Cisco CSR1000v AX - 50mbps	Cisco CSR1000v AX - 50mbps		
331	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 50mbps	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 50mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE0
332	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 100mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 100mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE1
333	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 100mbps	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 100mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE2
334	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 250mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 250mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE3
335	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 250mbps	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 250mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
336	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 500mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 500mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE5
337	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 500mbps	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 500mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE6
338	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 1000mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 1000mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE7
339	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 1000mbps	AT&T Flexware Specialized Virtual Network Function Managed-Cisco CSR1000v AX - 1000mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE8
340	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 5000mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-Cisco CSR1000v AX - 5000mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSE9
341	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSF0

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Cisco CSR1000v AX - 5000mbps	Managed-Cisco CSR1000v AX - 5000mbps	uCPE Flexware Specialized equipment	
342	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-10	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-10	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF1
343	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-10	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-10	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF2
344	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-50	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF3
345	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-50	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-50	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF4
346	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-250	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-250	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF5
347	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSF6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-Aruba MC-VA-250	Managed-Aruba MC-VA-250	uCPE Flexware Specialized equipment	
348	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-1k	AT&T Flexware Specialized Virtual Network Function Unmanaged-Aruba MC-VA-1k	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF7
349	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-1k	AT&T Flexware Specialized Virtual Network Function Managed-Aruba MC-VA-1k	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF8
350	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSF9
351	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG0
352	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00030-ENT-VEDG-XX (HA Only)	00030-ENT-VEDG-XX (HA Only)		
353	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00030-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG2
354	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 250M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG3
355	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 250M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 250M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG4
356	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 500M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG5
357	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 500M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 500M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
358	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 1000M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 1000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG7
359	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 1000M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 1000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG8
360	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 2000M	AT&T Flexware Specialized Virtual Network Function Unmanaged-R80 20 NGTX - 2000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSG9
361	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 2000M	AT&T Flexware Specialized Virtual Network Function Managed-R80 20 NGTX - 2000M	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH0
362	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH1
363	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00050-ENT-VEDG-XX (HA Only)	00050-ENT-VEDG-XX (HA Only)		
364	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH3
365	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH4
366	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH5
367	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-PRE-VEDG-XX	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-PRE-VEDG-XX	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH6
368	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSH7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Unmanaged-Silver Peak EdgeConnect (EC-SP-10-MET)	Unmanaged-Silver Peak EdgeConnect (EC-SP-10-MET)	uCPE Flexware Specialized equipment	
369	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-10-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-10-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH8
370	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-30-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-30-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSH9
371	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-30-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-30-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI0
372	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-50-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-50-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI1
373	AT&T Flexware Specialized Virtual Network	AT&T Flexware Specialized Virtual Network	AT&T Virtual Network Functions are managed or unmanaged but must	FWSI2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Function Managed-Silver Peak EdgeConnect (EC-SP-50-MET)	Function Managed-Silver Peak EdgeConnect (EC-SP-50-MET)	be purchased with AT&T uCPE Flexware Specialized equipment	
374	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-100-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-100-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI3
375	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-100-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-100-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI4
376	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-200-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-200-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI5
377	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-200-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-200-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI6
378	AT&T Flexware Specialized	AT&T Flexware Specialized	AT&T Virtual Network Functions are managed	FWSI7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-500-MET)	Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-500-MET)	or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	
379	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-500-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-500-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI8
380	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-1000-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-1000-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSI9
381	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-1000-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect (EC-SP-1000-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ0
382	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-10-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-10-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
383	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-10-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-10-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ2
384	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-30-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-30-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ3
385	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-30-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-30-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ4
386	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-50-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-50-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ5
387	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	EdgeConnect HA (EC-SP-50-MET)	EdgeConnect HA (EC-SP-50-MET)		
388	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-100-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-100-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ7
389	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-100-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-100-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ8
390	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-200-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-200-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSJ9
391	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-200-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-200-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK0

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
392	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-500-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-500-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK1
393	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-500-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-500-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK2
394	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-1000-MET)	AT&T Flexware Specialized Virtual Network Function Unmanaged-Silver Peak EdgeConnect HA (EC-SP-1000-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK3
395	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-1000-MET)	AT&T Flexware Specialized Virtual Network Function Managed-Silver Peak EdgeConnect HA (EC-SP-1000-MET)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK4
396	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK5

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00200-ENT-VEDG-XX (HA Only)	00200-ENT-VEDG-XX (HA Only)		
397	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK6
398	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK7
399	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK8
400	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSK9

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
401	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-ENT-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-ENT-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL0
402	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00010-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL1
403	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00010-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL2
404	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00030-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL3
405	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	00030-PRE-VEDG-XX (HA Only)	00030-PRE-VEDG-XX (HA Only)		
406	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL5
407	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00050-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00050-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL6
408	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00100-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL7
409	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00100-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL8

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
410	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00200-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSL9
411	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00200-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM0
412	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-00400-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM1
413	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-00400-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM2
414	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Flexware Specialized Virtual Network Function Unmanaged-VeloCloud VC-	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM3

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	01000-PRE-VEDG-XX (HA Only)	01000-PRE-VEDG-XX (HA Only)		
415	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-PRE-VEDG-XX (HA Only)	AT&T Flexware Specialized Virtual Network Function Managed-VeloCloud VC-01000-PRE-VEDG-XX (HA Only)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM4
416	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM5
417	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM6
418	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
419	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM8
420	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSM9
421	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN0
422	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN1
423	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 10Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 10Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
424	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN3
425	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN4
426	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN5
427	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN6
428	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	+ QoS + Visibility VNF - 30Mbps	+ QoS + Visibility VNF - 30Mbps		
429	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN8
430	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSN9
431	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 30Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 30Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO0
432	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO1
433	AT&T Flexware Specialized Virtual Network Function	AT&T Flexware Specialized Virtual Network Function	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T	FWSO2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Managed-FatPipe WANx + QoS VNF - 50Mbps	Managed-FatPipe WANx + QoS VNF - 50Mbps	uCPE Flexware Specialized equipment	
434	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO3
435	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO4
436	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO5
437	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
438	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO7
439	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 50Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 50Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO8
440	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSO9
441	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP0
442	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
443	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP2
444	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP3
445	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP4
446	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 100Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 100Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP5
447	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Pro VNF - 100Mbps	Pro VNF - 100Mbps		
448	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP7
449	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP8
450	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSP9
451	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ0

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
452	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ1
453	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ2
454	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ3
455	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 300Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 300Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ4
456	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx +	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx +	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ5

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	QoS VNF - 500Mbps	QoS VNF - 500Mbps		
457	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ6
458	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ7
459	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ8
460	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSQ9

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
461	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR0
462	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR1
463	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 500Mbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 500Mbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR2
464	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR3
465	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
466	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR5
467	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR6
468	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN + QoS + Visibility VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR7
469	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN + QoS + Visibility VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR8
470	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Unmanaged-FatPipe SD-WAN Pro VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSR9

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
471	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 1Gbps	AT&T Flexware Specialized Virtual Network Function Managed-FatPipe SD-WAN Pro VNF - 1Gbps	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS0
472	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-ASCS-1 + CSO A-1 (Security)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-ASCS-1 + CSO A-1 (Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS1
473	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-ASCS-1 + CSO A-1 (Security)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-ASCS-1 + CSO A-1 (Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS2
474	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-CS-B-1 + CSO A-1(Security)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-CS-B-1 + CSO A-1(Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS3
475	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-CS-B-1 + CSO A-1(Security)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-CS-B-1 + CSO A-1(Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
476	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-ASCS-1 + CSO B-1 (Security)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-ASCS-1 + CSO B-1 (Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS5
477	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-ASCS-1 + CSO B-1 (Security)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-ASCS-1 + CSO B-1 (Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS6
478	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-CS-B-1 + CSO A-1(Security)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-CS-B-1 + CSO A-1(Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS7
479	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-CS-B-1 + CSO A-1(Security)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-CS-B-1 + CSO A-1(Security)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS8
480	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-STD-ATT (Router)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-100M-STD-ATT (Router)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWSS9

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
481	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-STD-ATT (Router)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-100M-STD-ATT (Router)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWST0
482	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-STD-ATT (Router)	AT&T Flexware Specialized Virtual Network Function Unmanaged-VSRX-1G-STD-ATT (Router)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWST1
483	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-STD-ATT (Router)	AT&T Flexware Specialized Virtual Network Function Managed-VSRX-1G-STD-ATT (Router)	AT&T Virtual Network Functions are managed or unmanaged but must be purchased with AT&T uCPE Flexware Specialized equipment	FWST2
484	1G Copper SFP (XCVR-B00CRJ)	1G Copper SFP (XCVR-B00CRJ)	1G Copper SFP (XCVR-B00CRJ)	FWST3
485	1G Multimode Optics-Dual Fiber (XCVR-B00G85)	1G Multimode Optics-Dual Fiber (XCVR-B00G85)	1G Multimode Optics-Dual Fiber (XCVR-B00G85)	FWST4
486	1G Single Mode Optics-Dual Fiber (XCVR-A10Y31)	1G Single Mode Optics-Dual Fiber (XCVR-A10Y31)	1G Single Mode Optics-Dual Fiber (XCVR-A10Y31)	FWST5
487	Cisco RJ45F Serial Adapter (170-0062-900)	Cisco RJ45F Serial Adapter (170-0062-900)	Cisco RJ45F Serial Adapter (170-0062-900)	FWST6
488	10G single mode Fiber SFP (XCVR-S10V31)	10G single mode Fiber SFP (XCVR-S10V31)	10G single mode Fiber SFP (XCVR-S10V31)	FWST7
489	10G Multimode Fiber SFP (XCVR-S00Z85)	10G Multimode Fiber SFP (XCVR-S00Z85)	10G Multimode Fiber SFP (XCVR-S00Z85)	FWST8

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
490	US Power Cord	US Power Cord	US Power Cord	FWST9
491	Security Information and Event Management (SIEM)	Security Information and Event Management (SIEM)	Correlated Log Management Services (CLMS))/Advanced Threat and Log Analysis Service (ATLAS) utilizes AT&T's expertise in security analysis and operations within the AT&T Security Operations Center (SOC) to correlate information from multiple devices and device types, both on premises and network based in the AT&T network. It Provides AT&T an overview of your network by correlating alerts from multiple devices and device types across the entire enterprise. AT&T prioritizes security events based on threat and risk management methodologies generated from AT&T standards and customer defined standards. AT&T provides rapid notification to the customer when security events are detected and are identified as critical by AT&T SOC. Includes customer access to weekly and monthly security summary analysis	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			reports. The Correlated Log Management/Advanced Threat and Log Analysis service includes standard reports, threat analysis reports, log storage, Implementation assistance and initial device policy tuning. AT&T collects the security relevant log and event information from firewalls, intrusion prevention sensors and other network devices using agent-less Parser/Aggregator technology deployed in your network. Event collection is provided for a wide variety of security and network devices which may be located within the AT&T network or on your premises. A diverse set of "feeds" from security devices and services is recommended in order to get a better view of identified threats to your systems and take full advantage of the CLMS system's correlation capabilities. The intelligence produced is used by AT&T's security analysis team to make	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			security recommendations to you. Security recommendations, in the form of an email or a phone call, may vary in detail depending on type of incident, granularity of visibility within the network and breadth of the view. The response will be both verbal (phone call) and written (e-mailed) for severe and high incidents, and written only (e-mailed) for others as appropriate. Additional conditions may apply and will be outlined in the Scope of Work.	
492	SIEM, 1 – 15 Devices	SIEM, 1 – 15 Devices	SIEM service as described above.	CLMS1
493	Each additional device	Each additional device	Each additional device above 15.	CLMS1A
494	SIEM, 16 - 40 Devices	SIEM, 16 - 40 Devices	SIEM service as described above.	CLMS2
495	Each additional device	Each additional device	Each additional device above 40.	CLMS2A
496	SIEM, 41 - 100 Devices	SIEM, 41 - 100 Devices	SIEM service as described above.	CLMS3
497	Each additional device	Each additional device	Each additional device above 100.	CLMS3A
498	SIEM, 101 – 250 Devices	SIEM, 101 – 250 Devices	SIEM service as described above.	CLMS4
499	Each additional device	Each additional device	Each additional device above 250.	CLMS4A

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
500	SIEM, 251 - 1000 Devices	SIEM, 251 - 1000 Devices	SIEM service as described above.	CLMS5
501	Each additional device	Each additional device	Each additional device above 1000.	CLMS5A
502	SIEM, 1001 - 2500 Devices	SIEM, 1001 - 2500 Devices	SIEM service as described above.	CLMS6
503	Each additional device	Each additional device	Each additional device above 2500.	CLMS6A
504	SIEM, 2501-5000 Devices	SIEM, 2501-5000 Devices	SIEM service as described above.	CLMS7
505	Each additional	Each additional	Each additional device above 5,000.	CLMS7A
506	CLMS/ATLAS Tier 1 Storage	CLMS/ATLAS Tier 1 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 1 Per Incremental Year of Storage used with CLMS1. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	CLMY1
507	CLMS/ATLAS Tier 2 Storage	CLMS/ATLAS Tier 2 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 2 Per Incremental Year of Storage used with CLMS2. If customer desires longer than 1 year of archived storage, this fee applies Monthly	CLMY2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	
508	CLMS/ATLAS Tier 3 Storage	CLMS/ATLAS Tier 3 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 3 Per Incremental Year of Storage used with CLMS3. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	CLMY3
509	CLMS/ATLAS Tier 4 Storage	CLMS/ATLAS Tier 4 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 4 Per Incremental Year of Storage used with CLMS4. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	CLMY4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
510	CLMS/ATLAS Tier 5 Storage	CLMS/ATLAS Tier 5 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 5 Per Incremental Year of Storage used with CLMS5. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	CLMY5
511	CLMS/ATLAS Tier 6 Storage	CLMS/ATLAS Tier 6 Storage	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Tier 6 Per Incremental Year of Storage used with CLMS6. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	CLMY6
512	CLMS/ATLAS Tier 7 Storage	CLMS/ATLAS Tier 7 Storage	Correlated Log Management Service (CLMS) Advanced Threat and Log Analysis Service (ATLAS) – Tier 7 Per Incremental Year of Storage used with	CLMY7

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			CLMS7. If customer desires longer than 1 year of archived storage, this fee applies Monthly Recurring for each additional year desired. Additional year storage for Tier 1 utilizes first in, first out log retention.	
513	CLMS/ATLAS Device Interface	CLMS/ATLAS Device Interface	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Custom (Non-standard) Device Interface Devices not included in the Supported Devices List incur a One-Time charge per each unique device (or group of devices). If a customer has multiple devices of the same type with the same operating environment, one fee will be levied. Development time may vary, and will be identified at time of request. Check with your AT&T Account Team to determine if your device is supported.	CLMCDI
514	CLMS/ATLAS Report	CLMS/ATLAS Report	Correlated Log Management Service (CLMS)/Advanced Threat and Log Analysis Service (ATLAS) – Custom (Non-standard) Report	CLMRPT

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Customers requiring special reports not listed in the SETA REPORTS List will incur a One-Time charge per each report. Development time may vary.	
515	Custom Log Sources – Level 1	Custom Log Sources – Level 1	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 1 is a threshold of 15 devices. Custom Level is based on the number of custom sources.	CLMC1
516	Custom Log Sources – Level 2	Custom Log Sources – Level 2	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 2 is a threshold of 40 devices. Custom Level is based on the number of custom sources.	CLMC2
517	Custom Log Sources – Level 3	Custom Log Sources – Level 3	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 3 is a threshold of 100 devices. Custom Level is based on the number of custom sources.	CLMC3
518	Custom Log Sources – Level 4	Custom Log Sources – Level 4	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 4 is a	CLMC4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			threshold of 250 devices. Custom Level is based on the number of custom sources.	
519	Custom Log Sources – Level 5	Custom Log Sources – Level 5	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 5 is a threshold of 1000 devices. Custom Level is based on the number of custom sources.	CLMC5
520	Custom Log Sources – Level 6	Custom Log Sources – Level 6	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 6 is a threshold of 2500 devices. Custom Level is based on the number of custom sources.	CLMC6
521	Custom Log Sources – Level 7	Custom Log Sources – Level 7	Custom Log Sources – Application logs and custom log sources (priced per each custom log source). Level 7 is a threshold of 5000+ devices. Custom Level is based on the number of custom sources.	CLMC7
522	Advanced Correlation – Tier 1	Advanced Correlation – Tier 1	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier).	CLMA1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Tier 1 is a threshold of 15 devices.	
523	Advanced Correlation – Tier 2	Advanced Correlation – Tier 2	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 2 is a threshold of 40 devices.	CLMA2
524	Advanced Correlation – Tier 3	Advanced Correlation – Tier 3	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 3 is a threshold of 100 devices.	CLMA3
525	Advanced Correlation – Tier 4	Advanced Correlation – Tier 4	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 4 is a threshold of 250 devices.	CLMA4
526	Advanced Correlation – Tier 5	Advanced Correlation – Tier 5	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier).	CLMA5

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Tier 5 is a threshold of 1000 devices.	
527	Advanced Correlation – Tier 6	Advanced Correlation – Tier 6	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 6 is a threshold of 2500 devices.	CLMA6
528	Advanced Correlation – Tier 7	Advanced Correlation – Tier 7	Advanced Correlation – Correlation with external data sources - DNS, DHCP, name databases, etc. (priced per correlation source for all devices within the tier). Tier 7 is a threshold of 5000 devices.	CLMA7
529	AT&T VSS-PRO (Vulnerability Scanning Service)	AT&T VSS-PRO (Vulnerability Scanning Service)	The VSS-Pro service is used to conduct host discovery and/or vulnerability scans on external and/or internal IP-based systems and networks. A variety of scanning techniques are employed to survey the security posture of the target IP-based systems and networks. These scans proactively test for known vulnerabilities and the existence of mainstream industry practice security	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			configurations. External scanning addresses all Internet-facing assets such as routers, firewalls, web servers, and e-mail servers for potential security weaknesses, checking for the "open doors" that could allow a hacker to gain unauthorized access to the network and exploit critical assets. Internal scanning addresses all internal assets such as workstations, intranet servers, and printers for Trojans, improper configurations, peer-to-peer (PTP) file sharing programs such as Morpheus, Kazaa, etc., and more. The VSS-Pro service also provides workflow management, host-based risk assignments, and remediation progress reporting. In addition, VSS-Pro includes assistance in setting up and maintaining scan profiles and scheduling, project management of the customer's remediation efforts (regardless of whether they are	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			handled by the customer's IT staff or 3rd party provider), and provides access to AT&T's staff of security analysts for additional information and guidance regarding more complex technical issues. In addition to the portal view, critical vulnerabilities that are identified are forwarded on a regular basis to the CLMS/ATLAS systems for correlation with other events within the network. Understand the vulnerabilities that exist, and the threats against these assets can be another critical element in the detection and prevention of a successful attack from either external or internal resources or devices.	
530	VSS –PRO Reconnaissance Network Appliance (RNA) Set UP - Desktop	VSS –PRO Reconnaissance Network Appliance (RNA) Set UP - Desktop	Desktop RNA Installation and Set Up	VSSDRN
531	VSS –PRO Reconnaissance Network Appliance (RNA) Set UP - Rackmount	VSS –PRO Reconnaissance Network Appliance (RNA) Set UP - Rackmount	Rackmount RNA Installation and Set Up	VSSRRN

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
532	VSS-PRO – Quarterly Scanning 130	VSS-PRO – Quarterly Scanning 130	Up to 130 devices	VSSQ130
533	VSS-PRO – Quarterly Scanning 250	VSS-PRO – Quarterly Scanning 250	Up to 250 devices	VSSQ250
534	VSS-PRO – Quarterly Scanning 500	VSS-PRO – Quarterly Scanning 500	Up to 500 devices	VSSQ500
535	VSS-PRO – Quarterly Scanning 1000	VSS-PRO – Quarterly Scanning 1000	Up to 1000 devices	VSSQ1K
536	VSS-PRO – Quarterly Scanning 2000	VSS-PRO – Quarterly Scanning 2000	Up to 2000 devices	VSSQ2K
537	VSS-PRO – Quarterly Scanning 3000	VSS-PRO – Quarterly Scanning 3000	Up to 3000 devices	VSSQ3K
538	VSS-PRO – Quarterly Scanning 3000+ per 1K incremental	VSS-PRO – Quarterly Scanning 3000+ per 1K incremental	Each added 1K above 3K	VSSQ3KP
539	VSS-PRO – Monthly Scanning 130	VSS-PRO – Monthly Scanning 130	Up to 130 devices	VSSM130
540	VSS-PRO – Monthly Scanning 250	VSS-PRO – Monthly Scanning 250	Up to 250 devices	VSSM250
541	VSS-PRO – Monthly Scanning 500	VSS-PRO – Monthly Scanning 500	Up to 500 devices	VSSM500
542	VSS-PRO – Monthly Scanning 1000	VSS-PRO – Monthly Scanning 1000	Up to 1000 devices	VSSM1K
543	VSS-PRO – Monthly Scanning 2000	VSS-PRO – Monthly Scanning 2000	Up to 2000 devices	VSSM2K

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
544	VSS-PRO – Monthly Scanning 3000	VSS-PRO – Monthly Scanning 3000	Up to 3000 devices	VSSM3K
545	VSS-PRO – Monthly Scanning 3000+ per 1K incremental	VSS-PRO – Monthly Scanning 3000+ per 1K incremental	Each added 1K above 3K	VSSM3KP
546	VSS-PRO – On Demand Scanning 130	VSS-PRO – On Demand Scanning 130	Up to 130 devices	VSSD130
547	VSS-PRO – On Demand Scanning 250	VSS-PRO – On Demand Scanning 250	Up to 250 devices	VSSD250
548	VSS-PRO – On Demand Scanning 500	VSS-PRO – On Demand Scanning 500	Up to 500 devices	VSSD500
549	VSS-PRO – On Demand Scanning 1000	VSS-PRO – On Demand Scanning 1000	Up to 1000 devices	VSSD1K
550	VSS-PRO – On Demand Scanning 2000	VSS-PRO – On Demand Scanning 2000	Up to 2000 devices	VSSD2K
551	VSS-PRO – On Demand Scanning 3000	VSS-PRO – On Demand Scanning 3000	Up to 3000 devices	VSSD3K
552	VSS-PRO – On Demand Scanning 3000+	VSS-PRO – On Demand Scanning 3000+	Each added 1K above 3K	VSSD3KP

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
553	Premises Based Firewall Service (PBFW) – (AT&T Owned and Managed Firewalls) Complete Service	Premises Based Firewall Service (PBFW) – (AT&T Owned and Managed Firewalls) Complete Service	The AT&T owned and managed Premises-Based Firewall Service – Complete Service provides a highly functional layer of security to your networks. The service is a fully managed bundled solution, which includes all hardware and software components, configuration, installation, day to day management and maintenance, as well as expert customer support and proactive network monitoring. The PBFW service can forward log information to the CLMS/ATLAS for advanced correlation within the network. With the ability to understand the communications as well as the ability to actively modify rules with customer approval based on attack information gathered from the CLMS/ATLAS system, AT&T can provide that additional level of protection and ability to not only report, but act on actionable events. Additional conditions may apply and will be	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			outlined in the Scope of Work.	
554	Cisco Configurations – Managed PBFW	Cisco Configurations – Managed PBFW	Cisco Configurations - Managed PBFW	
555	Cisco Single Firewall for Large Office	Cisco Single Firewall for Large Office	Cisco Single Firewall for Large Office AT&T Owned and Managed Cisco Single firewall for large office – 650 Mbps Firewall Throughput	PFSLC
556	Cisco Single Firewall for Medium Office	Cisco Single Firewall for Medium Office	Cisco Single Firewall for Medium Office AT&T Owned and Managed Cisco Single firewall for Medium office – 450 Mbps Firewall Throughput	PFSMC
557	Cisco Single Firewall for Small Office	Cisco Single Firewall for Small Office	Cisco Single Firewall for Small Office AT&T Owned and Managed Cisco Single firewall for small office – 300 Mbps Firewall Throughput	PFSSC
558	Cisco High Availability Firewall for Extra Large Office	Cisco High Availability Firewall for Extra Large Office	Cisco High Availability Firewall for Extra Large Office AT&T Owned and Managed Cisco High Availability Firewall for	PFELHAC

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Extra Large Office - 1.2 Gbps Firewall Throughput	
559	Cisco High Availability Firewall for Large Office	Cisco High Availability Firewall for Large Office	Cisco High Availability Firewall for Large Office AT&T Owned and Managed Cisco High Availability Firewall for Large Office – 650 Mbps Firewall Throughput	PFLHAC
560	Cisco High Availability Firewall for Medium Office	Cisco High Availability Firewall for Medium Office	Cisco High Availability Firewall for Medium Office AT&T Owned and Managed Cisco High Availability Firewall for Medium Office – 450 Mbps Firewall Throughput	PFMHAC
561	Fortigate Configurations – Managed PBFW	Fortigate Configurations – Managed PBFW	Fortigate Configurations - Managed PBFW	
562	Enterprise Office for Fortigate Single Firewall	Enterprise Office for Fortigate Single Firewall	Fortigate Single Firewall for Enterprise Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 10 Gbps Firewall Throughput.	PFEOS
563	Fortigate Single Firewall for Extra Large Office	Fortigate Single Firewall for Extra Large Office	Fortigate Single Firewall for Extra Large Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 5 Gbps Firewall Throughput	PFSELF

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
564	Fortigate Single Firewall for Large Office	Fortigate Single Firewall for Large Office	Fortigate Single Firewall for Large Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 500 Mbps Firewall Throughput.	PFSLF
565	Fortigate Single Firewall for Medium Office	Fortigate Single Firewall for Medium Office	Fortigate Single Firewall for Medium Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 100 Mbps Firewall Throughput.	PFSMF
566	Fortigate Single Firewall Small Office	Fortigate Single Firewall Small Office	Fortigate Single Firewall for Small Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 10 Mbps Firewall Throughput.	PFSSF
567	Fortigate Single Firewall for SOHO Office	Fortigate Single Firewall for SOHO Office	Fortigate Single Firewall for SOHO Office Managed firewall service monthly recurring fee including single Fortigate CPE, all required licensing and full AT&T management – 5 Mbps Firewall Throughput.	PFSSHF

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
568	Enterprise Office for Fortigate High Availability Firewall	Enterprise Office for Fortigate High Availability Firewall	Fortigate High Availability Firewall for Enterprise Office Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 10 Gbps Firewall Throughput.	PFEOHAF
569	Fortigate High Availability Firewall for Extra Large Office	Fortigate High Availability Firewall for Extra Large Office	Fortigate High Availability Firewall for Extra Large Office Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 5 Gbps Firewall Throughput.	PFELHAF
570	Fortigate High Availability Firewall for Large Office	Fortigate High Availability Firewall for Large Office	Fortigate High Availability Firewall for Large Office Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 500 Mbps Firewall Throughput.	PFLHAF
571	Fortigate High Availability Firewall for Medium Office	Fortigate High Availability Firewall for Medium Office	Fortigate High Availability Firewall for Medium Office Managed firewall service monthly recurring fee including HA Fortigate CPE, all required licensing and full AT&T management – 100 Mbps Firewall Throughput.	PFMOHAF

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
572	Firewall Optional Add-On Features	Firewall Optional Add-On Features		
573	IPS Add-On – MIDS 3	IPS Add-On – MIDS 3	IPS Add-On provides the customer with intrusion protection capability to the firewall. Includes the following: • 7x24 monitoring • CPE Managed Option (customized to equipment • Signature updates • Vendor updates (3-5 business days) • Emergency updates (24 hours) • Incident Notification (Email for medium alerts within; High includes a telephone call) • Sensor Configuration: o Custom Tuning o Continuous Sensor Tuning o Custom Signatures (20) • Sensor Location: o Alarm Analysis o Event Correlation & Analysis with additional real time analyst support o Root cause analysis for high level alerts o Investigation support o Customer notification based on SLO o Attack signature recognition o Problem	OPTIPSF

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			ticketing/Reporting o Initial configuration support o Configuration maintenance	
574	URL Filtering Add-On	URL Filtering Add-On	URL Filtering Add-On provides the customer with basic URL filtering capability. Enables enterprises to build their own Web access policies by selectively blocking access to sites. Enables the customer to allow domain name control within the firewall to block specific sites.	OPTURLF
575	Anti-virus Add-On	Anti-virus Add-On	Anti-virus Add-On additional feature which will look for known malicious software and protect against threats.	OPTAVF
576	IPSEC (VPN) Add-On	IPSEC (VPN) Add-On	IPSEC (VPN) Add-On allows remote VPN user access to applications behind the firewall.	OPTVPN
577	Additional Port Add-On (DMZ) (2+, First Port is included)	Additional Port Add-On (DMZ) (2+, First Port is included)	Additional Port Add-On (DMZ) (2+, First Port is included) to allow additional DMZ to segment the local area network into additional segments.	OPTPORT

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
578	Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service	Premises Based Firewall Service (PBFW) Customer Owned and AT&T Managed – Complete Service	The customer owned and AT&T managed Premises-Based Firewall Service – Complete Service provides a highly functional layer of security to your networks. The service is a fully managed solution, which includes day to day management and maintenance, as well as expert customer support and proactive network monitoring. The PBFW service can forward log information to the CLMS/ATLAS for advanced correlation within the network. With the ability to understand the communications as well as the ability to actively modify rules with customer approval based on attack information gathered from the CLMS/ATLAS system, AT&T can provide that additional level of protection and ability to not only report, but act on actionable events.	
579	Installation for Firewall Administration	Installation for Firewall Administration	Installation for Firewall Administration	PFCINST
580	Firewall Administration 1 to 4 firewalls	Firewall Administration 1 to 4 firewalls	Firewall Administration 1 to 4 firewalls	PFCA4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			Management Kit required.	
581	Firewall Administration 5 to 9 firewalls	Firewall Administration 5 to 9 firewalls	Firewall Administration 5 to 9 firewalls Management Kit required.	PFCA9
582	Firewall Administration 10 to 19 firewalls	Firewall Administration 10 to 19 firewalls	Firewall Administration 10 to 19 firewalls Management Kit required.	PFCA19
583	Firewall Administration 20 to 29 firewalls	Firewall Administration 20 to 29 firewalls	Firewall Administration 20 to 29 firewalls Management Kit required.	PFCA29
584	Firewall Administration 30 to 44 firewalls	Firewall Administration 30 to 44 firewalls	Firewall Administration 30 to 44 firewalls Management Kit required.	PFCA44
585	Firewall Administration 45 or greater firewalls	Firewall Administration 45 or greater firewalls	Firewall Administration 45 or greater firewalls Management Kit required.	PFCA45
586	Management Kit	Management Kit	Management Kit supports 4 Port out of band management including power and console connections for previse based managed solutions. Requires customer provided Measured Business Line or equivalent.	PFCMK

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
587	Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment	Managed Intrusion Detection Service - MIDS 3 (Customer owned and AT&T managed equipment	AT&T Managed Intrusion Detection Service provides security monitoring capabilities to include security audit, monitoring, attack recognition, control over employee Internet access, virus scanning, and incident response for customer owned equipment. AT&T Certified IPS Sensors is provided based on the number of zones monitored. The qualifications for multi-sensor/zone discounts: • Counts are based on a per-department/organization order • Minimum of two monitored zones per location with Internet access point • Additional monitored IDS zones on same network count towards volume discount • Must include an AT&T management kit at the Internet access location. • Configuration may require separate security management demilitarized zone (DMZ) off the customer firewall. The AT&T MIDS solution	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			integrates into the CLMS/ATLAS to provide enhanced visibility into network segments protected by IPS/IDS capabilities. Alarms/alerts and log information from these IPS/IDS devices are correlated into the advanced analytics within CLMS/ATLAS to allow these factors discovered by the MIDS systems to aid in the detection of hacker activity within a network.	
588	Setup for IPS	Setup for IPS	Setup for IPS Installation charge for IPS Service. MIDS Level 3 sensor placement must be behind a screening device (i.e., Firewall, screening router, etc.).	MICINST
589	IPS 1 to 59 zones	IPS 1 to 59 zones	IPS 1 to 59 zones Management Kit required.	MIC59
590	IPS 60 to 89 zones	IPS 60 to 89 zones	IPS 60 to 89 zones Management Kit required.	MIC89
591	IPS – 90 to 134 zones	IPS – 90 to 134 zones	IPS – 90 to 134 zones Management Kit required.	MIC134

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
592	IPS - 135 to 179 zones	IPS - 135 to 179 zones	IPS - 135 to 179 zones Management Kit required.	MIC179
593	IPS 180 or greater zones	IPS 180 or greater zones	IPS 180 or greater zones Management Kit required.	MIC180
594	Managed Network Access Control Service (NAC)	Managed Network Access Control Service (NAC)	Managed Network Access Control Service (NAC) utilizes AT&T's expertise in endpoint security to analyze information about how endpoints impact the security posture of the network. Base service includes Hardware Other capabilities include: •Rogue Device Detection – Detects and alerts when unknown devices attempt to connect to a network (wired or wireless) •Advanced Asset Visibility – Identifies & classifies all devices with an IP address connecting to the network, by device & location on the network. Supports wired, wireless and VPN networks •Endpoint Compliance Identification – Remote inspection of Windows, Mac and Linux operating systems for compliance. Identify missing patches,	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			out of date AV, required services not running, etc. Infractions can be reported on •Unauthorized Application Notification – Remote inspection of the endpoint will inventory the applications installed and notify on unauthorized applications •Misconfigured Asset Detection – Assets that have been misconfigured can be identified. •IoT Device Detection – identify IoT devices on the network and ensure they are properly segmented to prevent the threat of botnets attacking the internal network or being used as a threat to other organizations •System Patching & Security Updates – Support, management, maintenance of management server and sensors •System Health monitoring for all NAC solution components •Technical Support – phone & remote-based support 24x7	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			•Real-time monitoring and alerting of NAC events 24x7 with response and notification to customer actionable events •Correlation NAC events in association with customer log event sources if provided by customer for analysis (Note: Requires ATLAS coverage for other supported log sources) •Customer Web Portal – for reports, support tickets, log analyzer, log charts, security dashboard & web portal with alert data, event drill downs, graphs, etc. NAC Reporting – On Rogue Device Detection and additional use cases the customer purchases. The Customer is required to provide the following: •Internet Connection •Network documentation & flow diagrams, including topology, data flow, network switches, IP device assignment categories •Inbound & Outbound remote access via SSH to at least one sensor at each location	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			•3 network ports on the core network switch for NAC sensors •A compatible managed switch and available ports •Internal management IP address for each sensor •Internal IP address for each network segment (or VLAN) •Customer is responsible for the configuration of a FQDN on the network domain for name resolution of the IP address assigned to the sensor for captive portal redirection •Physical installation and cabling of the sensor and other equipment included in service •Active participation as requested for review of network devices. May include confirmation and/or guidance regarding device categories of both known and unknown devices •If available, an OOB (Out of Band) method such as a IP KVM or Serial connection be connected to any sensor installed •Compatible managed	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			switch, including switch documentation •Customer Project Manager/Coordinator and a Technical Resource to provide coordination of schedules and resources required for installation and configuration.	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
595	Managed Network Access Control Service (NAC) – Tier 1	Managed Network Access Control Service (NAC) – Tier 1	Managed Network Access Control Service (NAC) – Tier 1 (Small) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 1 is an initial enablement of up to 500 devices and/or 150 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.	NACSV1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
596	Managed Network Access Control Service (NAC) – Tier 2	Managed Network Access Control Service (NAC) – Tier 2	Managed Network Access Control Service (NAC) – Tier 2 (Medium) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 2 is an initial enablement of 501 to 1,000 devices and/or 151-350 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features.	NACSV2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
597	Managed Network Access Control Service (NAC) – Tier 3	Managed Network Access Control Service (NAC) – Tier 3	Managed Network Access Control Service (NAC) – Tier 3 (Large) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 3 is an initial enablement of 1,001 to 2,500 devices and/or 351-850 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features	NACSV3

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
598	Managed Network Access Control Service (NAC) – Tier 4	Managed Network Access Control Service (NAC) – Tier 4	Managed Network Access Control Service (NAC) – Tier 4 (Extra Large) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 4 is an initial enablement of 2,501 to 4,000 devices and/or 851-1,500 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features, May require agent or WMI connectivity for some features	NACSV4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
599	Managed Network Access Control Service (NAC) – Tier 5	Managed Network Access Control Service (NAC) – Tier 5	Managed Network Access Control Service (NAC) – Tier 5 (Enterprise) -Advanced Visibility of Assets -Identify Compliancy of Endpoints -Unauthorized/Authorized Applications Notification -Misconfigured Asset Detection -IoT Device Detection NAC is broken into various Service Levels depending upon the number of devices identified upon initial installation and enablement of service. Customer may increase their service level at any time per incremental costs. Tier 5 is an initial enablement of 4,001-10,000 devices and/or 1,501-3,500 users per site. If customer users and devices fall into two tier levels, the higher tier will apply. May require agent or WMI connectivity for some features	NACSV5
600	Managed Network Access Control Service (NAC) – Additional Features	Managed Network Access Control Service (NAC) – Additional Features	Managed Network Access Control Service (NAC) – Additional Features	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
601	Managed Network Access Control Service (NAC) – Tier 1 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 1 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 1 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention Tier 1 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity	NSV1AUC

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
602	Managed Network Access Control Service (NAC) – Tier 2 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 2 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 2 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention Tier 2 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity	NSV2AUC

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
603	Managed Network Access Control Service (NAC) – Tier 3 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 3 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 3 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention Tier 3 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity	NSV3AUC

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
604	Managed Network Access Control Service (NAC) – Tier 4 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 4 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 4 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention Tier 4 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity	NSV4AUC

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
605	Managed Network Access Control Service (NAC) – Tier 5 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 5 Advanced NAC Use Case	Managed Network Access Control Service (NAC) – Tier 5 Advanced NAC Use Case - Flexible Access Control by User, Device or Policy - Remediation of Out of Compliance Endpoints - Unauthorized Application Prevention - Rogue Device Prevention Tier 5 Advanced NAC Use Case – Customer-requested use cases are defined as specific functionality requirements defined for NAC Service. These use cases are ranked into one of two categories: Basic and Advanced. A list of advanced use cases can be provided. Some features may require: CLI access to layer 2 or 3 switch so ACL's can be applied. Enforcement to be enabled, AD integration, and WMI integration or agent. Agent or WMI connectivity	NSV5AUC
606	Managed Network Access Control Service (NAC) – Tier 1 Dedicated	Managed Network Access Control Service (NAC) – Tier 1 Dedicated	Managed Network Access Control Service (NAC) – Tier 1 Dedicated Management Server (DMS) Allows for management of multiple	NSV1DMS

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	Management Server	Management Server	NAC devices in a Customer's environment. Required for configurations with more than 2 sensors. Pricing includes service, and hardware. A Tier 1 DMS can support up to 5 appliances/sensors.	
607	Managed Network Access Control Service (NAC) – Tier 2 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 2 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 2 Dedicated Management Server (DMS) Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 5 sensors. Pricing includes service, and hardware. A Tier 2 DMS can support 6-10 appliances/sensors.	NSV2DMS
608	Managed Network Access Control Service (NAC) – Tier 3 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 3 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 3 Dedicated Management Server (DMS) Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 10 sensors. Pricing includes service, and hardware. A Tier 3 DMS can support 11-25 appliances/sensors.	NSV3DMS

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
609	Managed Network Access Control Service (NAC) – Tier 4 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 4 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 4 Dedicated Management Server (DMS) Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 25 sensors. Pricing includes service, and hardware. A Tier 4 DMS can support 26-50 appliances/sensors.	NSV4DMS
610	Managed Network Access Control Service (NAC) – Tier 5 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 5 Dedicated Management Server	Managed Network Access Control Service (NAC) – Tier 5 Dedicated Management Server (DMS) Allows for management of multiple NAC devices in a Customer's environment. Required for configurations with more than 50 sensors. Pricing includes service, and hardware. A Tier 5 DMS can support 51-100 appliances/sensors.	NSV5DMS
611	Managed Network Access Control Service (NAC) – Tier 1 Co-Management	Managed Network Access Control Service (NAC) – Tier 1 Co-Management	Managed Network Access Control Service (NAC) – Tier 1 Co-Management End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training &	NSV1CM

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			dedicated management server). Required.	
612	Managed Network Access Control Service (NAC) – Tier 2 Co-Management	Managed Network Access Control Service (NAC) – Tier 2 Co-Management	Managed Network Access Control Service (NAC) – Tier 2 Co-Management End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.	NSV2CM
613	Managed Network Access Control Service (NAC) – Tier 3 Co-Management	Managed Network Access Control Service (NAC) – Tier 3 Co-Management	Managed Network Access Control Service (NAC) – Tier 3 Co-Management End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.	NSV3CM
614	Managed Network Access Control Service (NAC) – Tier 4 Co-Management	Managed Network Access Control Service (NAC) – Tier 4 Co-Management	Managed Network Access Control Service (NAC) – Tier 4 Co-Management End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.	NSV4CM

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
615	Managed Network Access Control Service (NAC) – Tier 5 Co-Management	Managed Network Access Control Service (NAC) – Tier 5 Co-Management	Managed Network Access Control Service (NAC) – Tier 5 Co-Management End-user NAC console access for end point MAC/IP management by designated IT staff (Note: requires training & dedicated management server). Required.	NSV5CM
616	Managed Network Access Control Service (NAC) – Collector	Managed Network Access Control Service (NAC) – Collector	Managed Network Access Control Service (NAC) – Collector Log Collector placed at the Customer Site which collects and aggregates the log data from the Customer's device logs generated by its network and systems.	NACSVC
617	AT&T Security Network Device Management – Riverbed	AT&T Security Network Device Management – Riverbed	AT&T managed security for devices is provided effectively across multiple product categories and create a process/methodology to include valuable flow and security analytics in the CLMS platform for enhanced correlation and analysis. Customers receive application performance analysis, capacity audits, issue root-cause determinations, and receive recommendations for	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			increasing network and application performance. This is for customer owned devices. This service includes: Initial basic set-up and policy development 24x7x365 Monitoring of applications Monthly analysis of mission-critical application performance Quarterly tuning of policy and performance settings Hardware support for both custom and off-the-shelf applications Forwarding of critical alerts to CLMS platform for security correlation and analysis Post Implementation Network Management - Network monitoring service with carrier and vendor coordination for CPE supporting WAN access AT&T Network Management is a set of support solutions that provides you a single-point-of-contact to outsource or back-up some or all of the State's network support functions. You can use	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			AT&T Network Management Services as a supplementary and disaster-recovery organization. We can assist the State to manage, monitor, and assume responsibility for your network on an as-needed basis. This will ensure that your network is reliable, available, efficient, and successfully performs your critical operations. AT&T provides a one-stop shop. We are able to manage most pieces of your network, including SNMP-MIB II-compliant devices. This means we can manage routers, CSU/DSUs, LAN switches, LAN hubs, etc. You do not have to work only with equipment we supply. If you have equipment supplied by other vendors, we can coordinate with them to make sure that your AT&T Network Management solution supports their CPE. AT&T Network Management is also flexible. We can mold your solution to fit the State environment from	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			very hands-on, requiring detailed reporting to hands-off where the State only engages AT&T on an as-needed basis. We can monitor your CPE (e.g., routers, hubs, switches, CSU/DSUs, call managers) remotely from our AT&T Data Services Customer Care. You can choose from three levels of service to ensure the right fit with your staff and budget needs: Basic, Essential, and Complete. We will monitor supported devices over a customer-provided permanent virtual circuit ("PVC") or virtual private network ("VPN"). A customer premise router (e.g., Cisco 1800 with VPN) may also be required for AT&T to deliver this service. The Customer is required to provide the following: -Internet Connection -MIB-II compliant hardware required -Inbound & Outbound remote access via SSH to at least one device at each location -Internal management IP address for each device	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
618	Basic level Category A	Basic level Category A	Basic level Category A With our Basic level service, you receive network monitoring, event detection, and subsequent notification and correlation with the CLMS/ATLAS team. You may use your internal staff for event and fault management and remediation support. AT&T's Network Management support team will alert you about the detected faults and it is your responsibility to contact your vendor directly for maintenance. Basic Service is suited for you if your need is to supplement your existing network monitoring capabilities or off-hours support (or both). Basic service is available on any AT&T Approved SNMP MIB II-compliant device. Category A Devices Router Switch Centralized WLAN - Management/Sec. Switch Firewall (BASIC only)	DMRBBA

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
619	Basic level Category B	Basic level Category B	Basic level Category B With our Basic level service, you receive network monitoring, event detection, and subsequent notification and correlation with the CLMS/ATLAS team. You may use your internal staff for event and fault management and remediation support. AT&T's Network Management support team will alert you about the detected faults and it is your responsibility to contact your vendor directly for maintenance. Basic Service is suited for you if your need is to supplement your existing network monitoring capabilities or off-hours support (or both). Basic service is available on any AT&T Approved SNMP MIB II-compliant device. Category B Devices Centralized WLAN: "Thin" Access Points	DMRBBB
620	Essential Level Category A	Essential Level Category A	Essential Level Category A Our Essential Service provides you with comprehensive, end-to-end fault management. In addition to fault	DMRBEA

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			management, the service includes network monitoring, technical assistance (with carrier and vendor coordination), configuration support, software support, and the ability to open or view web-based trouble tickets as well as correlation with the CLMS/ATLAS team on events. If you elect Essential Service, AT&T becomes your single-point-of-contact for network problems. When we diagnose a problem with your equipment, our Network Management Service support team manages the vendor to coordinate your dispatch. Work with the vendor may include opening trouble tickets and escalating to resolve the problem quickly. Throughout this process, our engineer takes total responsibility for ensuring that the problem is resolved. The AT&T NOC will update you as appropriate and will not close the trouble ticket until the problem is resolved to your	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			satisfaction. Carrier and Vendor coordination requires that a valid Letter of Agency (LOA) be on file with AT&T Network Device Management support team. Available on any AT&T Approved SNMP MIB II-compliant device. Category A Devices Router Switch Centralized WLAN: management/security switch	
621	Essential Level Category B	Essential Level Category B	Essential Level Category B Our Essential Service provides you with comprehensive, end-to-end fault management. In addition to fault management, the service includes network monitoring, technical assistance (with carrier and vendor coordination), configuration support, software support, and the ability to open or view web-based trouble tickets as well as correlation with the CLMS/ATLAS team on events. If you elect Essential Service, AT&T becomes your single-	DMRBEB

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			point-of-contact for network problems. When we diagnose a problem with your equipment, our Network Management Service support team manages the vendor to coordinate your dispatch. Work with the vendor may include opening trouble tickets and escalating to resolve the problem quickly. Throughout this process, our engineer takes total responsibility for ensuring that the problem is resolved. The AT&T NOC will update you as appropriate and will not close the trouble ticket until the problem is resolved to your satisfaction. Carrier and Vendor coordination requires that a valid Letter of Agency (LOA) be on file with AT&T Network Device Management support team. Available on any AT&T Approved SNMP MIB II-compliant device. Category B Devices Centralized WLAN: "Thin" Access Points CSU/DSU (w/ Router)	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
622	Complete Level Category A	Complete Level Category A	Complete Level Category A The Complete option provides performance management support in addition to all the services you receive with our Essential service offering. Through performance management, we can measure and report on your network performance to keep internetworking performance at an optimal level. Our Complete Network Management offering includes web-based performance reporting on network elements and supported CPE and monthly performance reviews through an assigned engineer. Available on any AT&T Approved SNMP MIB II-compliant device. Category A Devices Router Switch Centralized WLAN: management/security switch	DMRBCA
623	AT&T Business WiFi Service	AT&T business Wi-Fi provides a highly secure local area	All Sites require at least one Access Point (AP), and Sites of any significant size generally	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		network (LAN) connectivity solution including public Wi-Fi for End Users, private Wi-Fi, LAN analytics, and network management for wired devices.	require multiple APs to ensure appropriate coverage. The AP connects to the LAN infrastructure providing the Wi-Fi Network signal.	
624	AT&T Business Wi-Fi SMALL (1-7 APs)	AT&T Business Wi-Fi SMALL (1-7 APs)	AT&T Business Wi-Fi SMALL deployment supports up to 7 Access Points(AP).	
625	AT&T Business WiFi Small 8 Port Switch	AT&T Business WiFi Small 8 Port Switch	Aruba 2930F 8 Port Switch or successor model. Includes power cord. Requires AT&T Professional installation.	MWSMSW
626	AT&T Business WiFi Small Access Point	AT&T Business WiFi Small Access Point	Aruba AP-305/AP-304 or successor model. Includes mount bracket, console cable. Requires AT&T Professional installation.	MWSMAP
627	AT&T Business WiFi Small AP antenna option 1	AT&T Business WiFi Small AP antenna option 1	Antenna option 1 for MWSMAP. Three are required for AP-304. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWSMAN1
628	AT&T Business WiFi Small AP antenna option 2	AT&T Business WiFi Small AP antenna option 2	MIMO technology Antenna option 2 for MWSMAP. Required for AP-304. Accessory available only as required for installation of	MWSMAN2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			AT&T Business Wi-Fi network.	
629	AT&T Business Wi-Fi MEDIUM (8-23 APs)	AT&T Business Wi-Fi MEDIUM (8-23 APs)	AT&T Business Wi-Fi MEDIUM deployment supports between 8 and 23 Access Points(AP).	
630	AT&T Business WiFi Medium 24 Port Switch	AT&T Business WiFi Medium 24 Port Switch	Aruba 2930F 24 Port Switch or successor model. Includes power cord. Requires AT&T Professional installation.	MWMDSW
631	AT&T Business WiFi Medium Access Point	AT&T Business WiFi Medium Access Point	Aruba AP-515/AP-514 or successor model. Includes mount bracket & console cable. Requires AT&T Professional installation.	MWMDAP
632	AT&T Business WiFi Medium AP antenna option 1	AT&T Business WiFi Medium AP antenna option 1	Antenna option 1 for MWMDAP. Four required for AP-514. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWMDAN1
633	AT&T Business WiFi Medium AP antenna option 2	AT&T Business WiFi Medium AP antenna option 2	MIMO technology Antenna option 2 for MWMDAP. Required for AP-514. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWMDAN2
634	AT&T Business Wi-Fi LARGE (24+ APs)	AT&T Business Wi-Fi LARGE (24+ APs)	AT&T Business Wi-Fi LARGE deployment supports 24 or more Access Points(AP).	

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
635	AT&T Business Wi-Fi Large 24 Port Switch	AT&T Business Wi-Fi Large 24 Port Switch	Aruba 2930M 24 Port Switch or successor model. Includes dual power supply and power plugs. Requires AT&T Professional installation.	MWLGSW
636	AT&T Business Wi-Fi Large Access Point	AT&T Business Wi-Fi Large Access Point	Aruba AP-535/AP-534 or successor model. Includes mount bracket & console cable. Requires AT&T Professional installation.	MWLGAP
637	AT&T Business Wi-Fi Large AP antenna option 1	AT&T Business Wi-Fi Large AP antenna option 1	Antenna option 1 for MWLGAP. Four required for AP-534. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGAN1
638	AT&T Business Wi-Fi Large AP antenna option 2	AT&T Business Wi-Fi Large AP antenna option 2	MIMO technology Antenna option 2 for MWLGAP. Required for AP-534. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGAN2
639	AT&T Business Wi-Fi Large 2-port Stacking Module	AT&T Business Wi-Fi Large 2-port Stacking Module	Aruba 2930 2-port Stacking Module. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGSM
640	AT&T Business Wi-Fi Large 0.5m Stacking Cable	AT&T Business Wi-Fi Large 0.5m Stacking Cable	Aruba 2920/2930M 0.5m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGSC1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
641	AT&T Business Wi-Fi Large 1m Stacking Cable	AT&T Business Wi-Fi Large 1m Stacking Cable	Aruba 2920/2930M 1m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGSC2
642	AT&T Business Wi-Fi Large 3m Stacking Cable	AT&T Business Wi-Fi Large 3m Stacking Cable	Aruba 2920/2930M 3m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWLGSC3
643	AT&T Business Wi-Fi Additional Features	AT&T Business Wi-Fi Additional Features	AT&T Business Wi-Fi Additional Features	
644	AT&T Business Wi-Fi 10G SFP+ LC SR 300m MMF Transceiver	AT&T Business Wi-Fi 10G SFP+ LC SR 300m MMF Transceiver	Aruba 10G SFP+ LC SR 300m MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR1
645	AT&T Business Wi-Fi 10G SFP+ LC LR 10km SMF Transceiver	AT&T Business Wi-Fi 10G SFP+ LC LR 10km SMF Transceiver	Aruba 10G SFP+ LC LR 10km SMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR2
646	AT&T Business Wi-Fi 100M SFP LC FX 2km MMF Transceiver	AT&T Business Wi-Fi 100M SFP LC FX 2km MMF Transceiver	Aruba 100M SFP LC FX 2km MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR3
647	AT&T Business Wi-Fi 10G SFP+ to SFP+ 1m DAC Cable	AT&T Business Wi-Fi 10G SFP+ to SFP+ 1m DAC Cable	Aruba 10G SFP+ to SFP+ 1m DAC Cable. Accessory available only as required for installation	MWTR4

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			of AT&T Business Wi-Fi network.	
648	AT&T Business Wi-Fi 10G SFP+ to SFP+ 3m DAC Cable	AT&T Business Wi-Fi 10G SFP+ to SFP+ 3m DAC Cable	Aruba 10G SFP+ to SFP+ 3m DAC Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR5
649	AT&T Business Wi-Fi 1G SFP RJ45 T 100m Cat5e Transceiver	AT&T Business Wi-Fi 1G SFP RJ45 T 100m Cat5e Transceiver	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR6
650	AT&T Business Wi-Fi 1G SFP LC SX 500m MMF Transceiver	AT&T Business Wi-Fi 1G SFP LC SX 500m MMF Transceiver	Aruba 1G SFP LC SX 500m MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR7
651	AT&T Business Wi-Fi 1G SFP LC LX 10km SMF Transceiver	AT&T Business Wi-Fi 1G SFP LC LX 10km SMF Transceiver	Aruba 1G SFP LC LX 10km SMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.	MWTR8
652	AT&T Business WiFi Sensor	AT&T Business WiFi Sensor	Aruba UXI Service Level Sensor. Requires AT&T Professional installation.	MWUXI
653	AT&T Business Wi-Fi Installation charge for first AP	AT&T Business Wi-Fi Installation charge for first AP	Installation charge for first AP. Includes cabling. Includes installation of one switch or POE injector. AT&T assumes customer has adequate pathways. Equipment will be placed in locations up to 10 feet working	MWIN1

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			height above the floor. Installation will not occur on Sundays and holidays. Only to be used for installation in conjunction with AT&T Business Wi-Fi.	
654	Installation charge for each additional AP	Installation charge for each additional AP	Installation charge for each additional AP. Includes cabling. Above 12 APs, includes installation of one switch for every 12 installed APs. AT&T assumes customer has adequate pathways. Equipment will be placed in locations up to 10 feet working height above the floor. Installation will not occur on Sundays and holidays. The labor rate is for work performed during regular hours. Only to be used for installation in conjunction with AT&T Business Wi-Fi.	MWIN2
655	AP Mounting Bracket: suspended ceiling rail, flat 9/16	AP Mounting Bracket: suspended ceiling rail, flat 9/16	AP Mounting Bracket: suspended ceiling rail, flat 9/16. Accessory available only as required for installation of AT&T Business Wi-Fi network. Only to be used in conjunction with AT&T Business Wi-Fi.	MWBR1
656	AP Mounting Bracket: suspended	AP Mounting Bracket: suspended	AP Mounting Bracket: suspended ceiling rail, flat 15/16. Accessory	MWBR2

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	ceiling rail, flat 15/16	ceiling rail, flat 15/16	available only as required for installation of AT&T Business Wi-Fi network. Only to be used in conjunction with AT&T Business Wi-Fi.	
657	AP Mounting Bracket: suspended ceiling rail, profile 9/16	AP Mounting Bracket: suspended ceiling rail, profile 9/16	AP Mounting Bracket: suspended ceiling rail, profile 9/16. Accessory available only as required for installation of AT&T Business Wi-Fi network. Only to be used in conjunction with AT&T Business Wi-Fi.	MWBR3
658	AP Mounting Bracket: solid surface	AP Mounting Bracket: solid surface	AP Mounting Bracket: solid surface. Accessory available only as required for installation of AT&T Business Wi-Fi network. Only to be used in conjunction with AT&T Business Wi-Fi.	MWBR4
659	AP Mounting Bracket: wall-box	AP Mounting Bracket: wall-box	AP Mounting Bracket: wall-box. Accessory available only as required for installation of AT&T Business Wi-Fi network. Only to be used in conjunction with AT&T Business Wi-Fi.	MWBR5
660	AT&T Global Secure Gateway	"GSG-Premium extends the next generation security platform to remote networks by utilizing cloud-based security		Multiple (See ID's below)

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		infrastructure. The Service is managed through the network Security Management Platform ("Platform") allowing for creation and deployment of consistent security policies across an entire organization. Features Consisting of: -Cloud Firewall -URL/Web Filtering -Application Visibility/Control -Elastic Scaling -User ID & Multi Factor Auth -Intrusion Detection Prevention -SaaS Visibility & Control -Anti-Virus Malware Scanning -Malware Analysis and Threat Updates -Threat Prevention"		

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
661	AT&T Global Security Gateway - Premium (US): 1 - 199 mb	AT&T Global Security Gateway - Premium (US): 1 - 199 mb	AT&T Global Security Gateway - Premium for 1-199 Mbps. Cost is per one(1) Mbps.	GSGP1
662	AT&T Global Security Gateway - Premium (US): 200 - 999 mb	AT&T Global Security Gateway - Premium (US): 200 - 999 mb	AT&T Global Security Gateway - Premium for 200-999 Mbps. Cost is per one(1) Mbps.	GSGP2
663	AT&T Global Security Gateway - Premium (US): 1,000 - 4,999 mb	AT&T Global Security Gateway - Premium (US): 1,000 - 4,999 mb	AT&T Global Security Gateway - Premium for 1000-4999 Mbps. Cost is per one(1) Mbps.	GSGP3
664	AT&T Global Security Gateway - Premium (US): 5,000 - 9,999 mb	AT&T Global Security Gateway - Premium (US): 5,000 - 9,999 mb	AT&T Global Security Gateway - Premium for 5,000-9,999 Mbps. Cost is per one(1) Mbps.	GSGP4
665	AT&T Global Security Gateway - Premium (US): 10,000+ mb	AT&T Global Security Gateway - Premium (US): 10,000+ mb	AT&T Global Security Gateway - Premium for 10,000+ Mbps. Cost is per one(1) Mbps.	GSGP5
666	AT&T Global Security Gateway - Premium (US): Additional Logging Service	AT&T Global Security Gateway - Premium (US): Additional Logging Service	Cloud firewalls, gateways, and portals deployed as part of the Service infrastructure must forward all logs to the Logging Service. Customer can view the Service logs, Application Command Center (ACC), and reports directly from dedicated management infrastructure for an aggregated view into remote network and mobile user traffic. Logging Service subscription is available	GSGP6

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
			pursuant to the following: -AT&T Logging service is based on a per Terabyte option -AT&T includes 1 Terabyte per service option (Remote and Mobile) -Additional logging can be purchased on a per Terabyte basis	
667	Network Security Consultant I	Pre-implementation site survey and network security design. Provides basic consulting skills. Conducts assessments and design for non-complex installations.	Site Survey - Facility site survey required for successful design and implementation. Network Design - Design for Services supporting network security. Only to be sold in conjunction with the support of CALNET Security Services.	NSCLT1
668	Network Security Consultant II	Pre-implementation site survey and network security design. Provides advanced consulting skills. Conducts assessments and design for complex installations.	Site Survey - Facility site survey required for successful design and implementation. Network Design - Design for services supporting network security. Only to be sold in conjunction with the support of CALNET Security Services.	NSCLT2
669	Senior Network Security Consultant	Pre-implementation site survey and network security design. Provides advanced	Site Survey - Facility site survey required for successful design and implementation. Network Design - Design for services supporting	SNSCLT

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		consulting skills across multiple disciplines. Conducts assessments and design for complex installations involving multiple technologies.	network security. Only to be sold in conjunction with the support of CALNET Security Services.	
670	Principal Network Security Architect	Pre-implementation site survey and network security design. Provides highly advanced consulting skills across multiple disciplines. Conducts assessments, design, and overall technical oversight for highly complex installations involving multiple technologies.	Site Survey - Facility site survey required for successful design and implementation. Network Design - Design for services supporting network security. Only to be sold in conjunction with the support of CALNET Security Services.	PNSARHT
671	Network Security Consultant I	Implementation network security consultant performs basic on-site installation and tests interoperability with other products. During normal business	Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and	NSCLT1N

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		hours, Mon - Fri 8am - 5pm.	have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products. Only to be sold in conjunction with the support of CALNET Security Services.	
672	Network Security Consultant I	Implementation network security consultant performs basic on-site installation and tests interoperability with other products. During outside of normal business hours, Sat, Sun & Holidays.	Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products. Only to be sold in conjunction with the support of CALNET Security Services.	NSCLT1O
673	Network Security Consultant II	Implementation network security consultant performs advanced on-site installation and	Implementation is a professional service combines a well-trained, well-equipped integration team with a highly skilled support	NSCLT2N

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		tests interoperability with other products. During normal business hours, Mon - Fri, 8am - 5pm.	organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products. Only to be sold in conjunction with the support of CALNET Security Services.	
674	Network Security Consultant II	Implementation network security consultant performs advanced on-site installation and tests interoperability with other products. During outside of normal business hours, Sat, Sun & Holidays.	Implementation professional service combines a well-trained, well-equipped integration team with a highly skilled support organization to seamlessly install and integrate your new network. AT&T engineers perform installation and have extensive experience with numerous technologies, environments, and manufacturers' equipment. We test interoperability with other products. Only to be sold in conjunction with the support of CALNET Security Services.	NSCLT2O

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
675	Network Security Project Manager	Network Security implementation project manager coordinates project resources including your staff and other internal AT&T resources. The project manager defines the project responsibility assignments for you. During normal business hours, Mon - Fri 8am - 5pm.	Project management for complex network security solutions. Project Management includes the statement of work, master schedule and site schedules, project acceptance criteria, and other key deliverables that support your overall plan. Project Management provides a project manager who coordinates project resources including your staff and other internal AT&T resources. Our project managers define the project responsibility assignments for you. Only to be sold in conjunction with the support of CALNET Security Services.	NSPMGRN
676	Network Security Project Manager	Network Security implementation project manager coordinates project resources including your staff and other internal AT&T resources. The project manager defines the project responsibility assignments for you. During outside of normal	Project management for complex network security solutions. Project Management includes the statement of work, master schedule and site schedules, project acceptance criteria, and other key deliverables that support your overall plan. Project Management provides a project manager who coordinates project resources including your staff and other internal	NSPMGRO

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		business hours, Sat, Sun and Holidays.	AT&T resources. Our project managers define the project responsibility assignments for you. Only to be sold in conjunction with the support of CALNET Security Services.	
677	Dedicated 10Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 10Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD001
678	Dedicated 20Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 20Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD002
679	Dedicated 50Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 50Mb Internet Port/Access with managed Cisco SDWAN provides reliable,	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the	SD003

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	service. Subject to facility availability and service coverage.	
680	Dedicated 100Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 100Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD004
681	Dedicated 250Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 250Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD005
682	Dedicated 500Mb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 500Mb Internet Port/Access with managed Cisco SDWAN provides reliable,	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the	SD006

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	service. Subject to facility availability and service coverage.	
683	Dedicated 1Gb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 1Gb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD007
684	Dedicated 10Gb Internet Port/Access Cisco SDWAN with Cellular Backup	Dedicated 10Gb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity with mobility backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD008
685	Dedicated 10Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 10Mb Internet Port/Access with managed Cisco SDWAN provides reliable,	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the	SD009

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	service. Subject to facility availability.	
686	Dedicated 20Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 20Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD010
687	Dedicated 50Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 50Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD011

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		load balancing applications or as backup to ensure continuous access if the primary link fails.		
688	Dedicated 100Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 100Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD012
689	Dedicated 250Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 250Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD013

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		access if the primary link fails.		
690	Dedicated 500Mb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 500Mb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD014
691	Dedicated 1Gb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 1Gb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD015

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
692	Dedicated 10Gb Internet Port/Access Cisco SDWAN with Broadband	Dedicated 10Gb Internet Port/Access with managed Cisco SDWAN provides reliable, optimized connectivity, with secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD016
693	Dual Dedicated 10Gb Internet Port/Access Circuits with Cisco SDWAN	Dual Dedicated 10Gb Internet Port/Access connections with managed Cisco SDWAN delivers two high-speed 10 Gb, redundant connections and intelligent traffic management for reliable, secure operations.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD017
694	Dual Dedicated 100G Internet Port/Access Circuits with Cisco SDWAN	Dual Dedicated 100Gb Internet Port/Access connections with managed Cisco SDWAN delivers two high-speed 10 Gb, redundant connections and	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD018

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		intelligent traffic management for reliable, secure operations.		
695	Dedicated 10Mb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 10Mb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.and service coverage.	SD019
696	Dedicated 20Mb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 20Mb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD020
697	Dedicated 50Mb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 50Mb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility	SD021

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		connectivity with cellular backup to ensure continuous access in case of primary link failure.	availability and service coverage.	
698	Dedicated 100Mb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 100Mb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD022
699	Dedicated 250Mb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 250Mb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD023
700	Dedicated 500Mb Internet Port/Access Aruba SDWAN	Dedicated 500Mb Internet Port/Access with managed Aruba	Installation does not include inside wiring. A site survey will be conducted to confirm	SD024

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
	with Cellular Backup	SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	
701	Dedicated 1Gb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 1Gb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD025
702	Dedicated 10Gb Internet Port/Access Aruba SDWAN with Cellular Backup	Dedicated 10Gb Internet Port/Access with managed Aruba SDWAN provides reliable, optimized connectivity with cellular backup to ensure continuous access in case of primary link failure.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD026

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
703	Dedicated 10Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 10Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD027
704	Dedicated 20Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 20Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing applications or as backup to ensure continuous	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD028

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		access if the primary link fails.		
705	Dedicated 50Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 50Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD029
706	Dedicated 100Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 100Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD030

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		applications or as backup to ensure continuous access if the primary link fails.		
707	Dedicated 250Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 250Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD031
708	Dedicated 500Mb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 500Mb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD032

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		load balancing applications or as backup to ensure continuous access if the primary link fails.		
709	Dedicated 1Gb Internet Port/Access Aruba SDWAN with Broadband	Dedicated 1Gb Internet Port/Access with managed Aruba SDWAN offers business connectivity, optimized by Aruba's SDWAN technology, and includes secondary broadband connection for load balancing applications or as backup to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD033
710	Dual Dedicated 10Gb Internet Port/Access Circuits with Aruba SDWAN	Dual Dedicated 10Gb Internet Port/Access Circuits with managed Aruba SDWAN delivers two high-speed, dedicated 10 Gbps internet connections, managed Aruba SDWAN for optimized	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD034

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		performance, seamless failover, and secure, connectivity.		
711	Dedicated 10Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 10Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD035
712	Dedicated 20Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 20Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD036
713	Dedicated 50Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 50Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD037

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		to maintain continuous access if the primary link fails.		
714	Dedicated 100Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 100Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD039
715	Dedicated 250Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 250Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD040
716	Dedicated 500Mb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 500Mb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD041

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		to maintain continuous access if the primary link fails.		
717	Dedicated 1Gb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 1Gb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD042
718	Dedicated 10Gb Internet Port/Access VMware SDWAN with Cellular Backup	Dedicated 10Gb Internet Port/Access with managed VMware SDWAN provides reliable, optimized connectivity with cellular backup to maintain continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability and service coverage.	SD043
719	Dedicated 10Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 10Mb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and includes a	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD044

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.		
720	Dedicated 20Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 20Mb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD045
721	Dedicated 50Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 50Mb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD046

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.		
722	Dedicated 100Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 100Mb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD047
723	Dedicated 250Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 250Mb Internet Port/Access with managed VMware SDWAN provides optimized	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the	SD048

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	service. Subject to facility availability.	
724	Dedicated 500Mb Internet Port/Access VMware SDWAN with Broadband	Dedicated 500Mb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD049
725	Dedicated 1Gb Internet Port/Access VMware SDWAN with Broadband	Dedicated 1Gb Internet Port/Access with managed VMware SDWAN provides	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the	SD050

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		optimized connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	service. Subject to facility availability.	
726	Dedicated 10Gb Internet Port/Access VMware SDWAN with Broadband	Dedicated 10Gb Internet Port/Access with managed VMware SDWAN provides optimized connectivity and includes a secondary broadband connection for load balancing applications or as backup for automatic failover to ensure continuous access if the primary link fails.	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in place to support the service. Subject to facility availability.	SD051
727	Dual Dedicated 10Gb Internet Port/Access Circuits with VMware SDWAN	Dual Dedicated 10Gb Internet Port/Access Circuits with managed	Installation does not include inside wiring. A site survey will be conducted to confirm the necessary wiring is in	SD052

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
		VMware SDWAN provides two high-speed 10 Gbps connections, managed VMware SDWAN for optimized, secure, and resilient business connectivity with seamless traffic management and failover.	place to support the service. Subject to facility availability.	

24.3 NETWORK DISASTER/OPERATIONAL RECOVERY

24.3.1 Telecommunications Service Priority (TSP) Program

When applicable, the Contractor shall comply with the Telecommunications Service Priority (TSP) Program, a Federal Communications Commission (FCC) mandate for prioritizing service requests by identifying those services critical to National Security and Emergency Preparedness (NS/EP) and be in compliance with all related CPUC and FCC requirements.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4 DISTRIBUTED DENIAL OF SERVICE MITIGATION SERVICES

The Contractor shall provide a network based Distributed Denial of Service (DDoS) detection and mitigation service, in support of Contractor's Internet services. All hardware/software necessary to provide service shall reside in the Contractors network and shall be maintained, monitored and supported by the Contractor. Mitigation shall occur in the Contractor IP Network before traffic reaches Customer edge router. Contractor shall establish User and Entity Behavior Analytical (UEBA) traffic patterns to minimize false positives during the detection/mitigation process and perform periodic "tuning" of normal traffic patterns established. The Contractor shall analyze, identify, report and alert on anomalies in Customer traffic under DDoS attacks. Upon detection of a DDoS

attack, Contractor shall reroute traffic to a network based mitigation center where DDoS attack packets are identified and dropped. Valid packets shall be routed to the Customer edge router. Upon Contractor determination that the DDoS attack has subsided, Contractor shall restore the normal routing of Customer traffic.

The Bidder's DDoS solution shall mitigate volumetric, protocol or resource, and application layer (Layers 3, 4 & 7) attacks.

Bidder's DDoS offering shall defend against the following threats/attacks at a minimum:

1. Network flood attacks (SYN, SYN-ACK, TCP, UDP, IP, ICMP, etc.);

Bidder understands the Requirement and shall meet or exceed it? Yes

2. Address, port scanning and sniffing attacks;

Bidder understands the Requirement and shall meet or exceed it? Yes

3. DNS attacks;

Bidder understands the Requirement and shall meet or exceed it? Yes

4. Web application attacks (HTTP flood attacks, etc.); and,

Bidder understands the Requirement and shall meet or exceed it? Yes

5. Protocol abuse attacks.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4.1 DDoS Initiation

The Contractor shall support the initiation of DDoS mitigation described below:

1. Customer identifies the DDoS attack and initiates the mitigation; or,
2. Contractor identifies the DDoS attack and Customer authorizes the mitigation.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4.2 DDoS Activities

The Contractor shall perform the following activities at a minimum:

1. Monitoring of Customer traffic patterns;
2. Establish network traffic baselines;
3. Detection of Customer traffic anomalies;

4. Scrubbing of Customer traffic by dropping DDoS attack packets;
5. Perform detection and anomaly analysis;
6. Develop and provide access to a strategy for identifying and mitigating real time attacks;
7. Issuance of email alert and a verbal person-to-person telephone call to authorized users within 15 minutes when an anomaly or attack is detected;
8. Issuance of email alert and a verbal person-to-person telephone call to authorized users within 15 minutes of when mitigation services commence; and,
9. Analyze attack patterns throughout Contractor IP backbone and alerting authorized users of IP threats, provide authorized users the information via secure portal for addressing/mitigating IP threats.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4.2.1 U.S. Based DDoS Mitigation Services Waiver

The provisions detailed in eVAQ General Provisions Section 92, U.S. Based Services, will not apply to the Contractor's DDoS mitigation efforts under the following conditions:

1. Attacks where malicious traffic originates outside of the U.S. and is mitigated outside of the U.S.;
2. Contractor personnel located outside the U.S. may access public information (including Public IP address information) only to the extent necessary to mitigate a DDoS attack; and,
3. CPNI shall not be provided to individuals outside of the U.S.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4.3 DDoS Detection and Mitigation Web Portal and Reporting

Contractor shall provide a secure web based portal for authorized users.

Contractor's portal shall provide authorized users the following at a minimum:

1. A view of their traffic patterns;

Bidder understands the Requirement and shall meet or exceed it? Yes

2. A view of the real time attack and mitigation strategy;

Bidder understands the Requirement and shall meet or exceed it? Yes

3. IP threat alerts;

Bidder understands the Requirement and shall meet or exceed it? Yes

4. Information for addressing and mitigating IP threats; and,

Bidder understands the Requirement and shall meet or exceed it? Yes

Contractor's portal shall provide authorized users access to the following reports:

1. Traffic anomaly detection;

Bidder understands the Requirement and shall meet or exceed it? Yes

2. TCP and UDP protocol summary; and,

Bidder understands the Requirement and shall meet or exceed it? Yes

3. Top IP "talkers" summary.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.4.4 DDoS Detection and Mitigation Features

The Contractor shall offer the DDoS Detection and Mitigation Service detailed in Table 24.4.4.a.

Table 24.4.4.a – DDoS Detection and Mitigation Service

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No

1	DDoS Mitigation 1.544–10 Mbps	DDoS Mitigation Services for 1.544–10 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS1	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 1.544 - 10 Mbps of traffic flow.		

2	DDoS Mitigation 15 Mbps	DDoS Mitigation Services for 15 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS2	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 10.01 - 15 Mbps of traffic flow.		

3	DDoS Mitigation 25 Mbps	DDoS Mitigation Services for 25 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS3	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 15.01 - 25 Mbps of traffic flow.		

4	DDoS Mitigation 50 Mbps	DDoS Mitigation Services for 50 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS4	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 25.01 - 50 Mbps of traffic flow.		

5	DDoS Mitigation 100 Mbps	DDoS Mitigation Services for 100 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS5	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 50.01 - 100 Mbps of traffic flow.		

6	DDoS Mitigation 250 Mbps	DDoS Mitigation Services for 250 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS6	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 100.01 - 250Mbps of traffic flow.		

7	DDoS Mitigation 500 Mbps	DDoS Mitigation Services for 500 Mbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS7	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 250.01 - 500Mbps of traffic flow.		

8	DDoS Mitigation 1 Gbps	DDoS Mitigation Services for 1 Gbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS8	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 500.01 Mbps - 1000 Mbps traffic flow.		

9	DDoS Mitigation 5 Gbps	DDoS Mitigation Services for 5 Gbps of traffic flow.	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of	DOS9	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
			service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 1001Mbps - 5 Gbps of traffic flow.		

The Contractor may offer Unsolicited DDoS Detection and Mitigation features in Table 24.4.4.b.

Table 24.4.4.b – Unsolicited DDoS Detection and Mitigation Service and Features

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
1	DDoS Mitigation Carrier Agnostic Option	DDoS Mitigation Carrier Agnostic Option	DDoS Mitigation Carrier Agnostic Option service must be ordered in conjunction with one of the DDoS Mitigation service options in table 24.4.4.a or table 24.4.4.b to enable the ability for AT&T to provide DDoS mitigation for other carrier circuits.	DOS10

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier
2	DDoS Mitigation 10Gbps	DDoS Mitigation 10Gbps	AT&T Distributed Denial of Service (DDoS) Defense is a service that is designed to detect and mitigate distributed denial of service attacks on your network using best practices and best of breed tools. DDoS Defense helps identify and block malicious packets in near real time to help you prevent possible negative affects regarding the flow of your business traffic. DDoS Defense is the service based on the data from the AT&T IP backbone network and doesn't require you to purchase additional bandwidth or premises equipment. Depending on your configuration, a shared or dedicated set of network mitigation devices scrub your traffic for denial of service attacks. A shared configuration allows you to share network detector devices and a farm of network mitigation devices with other AT&T customers. A dedicated configuration provides you with network mitigation devices dedicated to you. AT&T circuits are supported. 5.001 Gbps - 10 Gbps of traffic flow.	DOS11
3				

24.5 OTHER SERVICES

24.5.1 Hourly Rates for Services

The hourly classifications of hours worked for services described in this section will be as follows:

1. Regular Hours – Hours worked between 8:00AM and 4:59PM, Monday through Friday.
2. Overtime Hours – Hours worked between 5:00PM and 7:59AM, Monday through Friday and all day Saturday.
3. Sunday and Holiday Hours – Any hours worked on Sunday or State of California holidays.

When coordinated scheduling for projects between the State and the Contractor occurs, the State and the Contractor may mutually agree that hours worked between 5:00PM and 7:59AM, Monday through Friday and all day Saturday and any hours worked on Sunday or State of California holidays can be classified as Regular Hours in accordance with the State of California Department of Industrial Relations.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.5.2 Services Related Infrastructure (SRI)

The Contractor shall offer infrastructure service as defined below.

24.5.2.1 Extended Demarcation Wiring Services

The Contractor shall provide Extended Demarcation (Extended Demarc) wiring to support the services covered by this IFB C4DNCS19 Category for all of the Customer occupied buildings where services under this Contract are being offered. Extended Demarc wiring includes wire/cable related activities required to extend the demarcation point to the Customer defined termination location or cross-connect point from the Contractor's MPOE.

Bidder understands the Requirement and shall meet or exceed it? Yes

Extended Demarc wiring shall include the necessary wire/cable, connectors, jumpers, panel, and jack. Extended Demarc wiring shall also include associated trouble shooting, testing and labeling. Extended Demarc wiring is limited to the following:

1. Installation of cabling for extending services from the MPOE location to the Customer's point of utilization;
2. Installation of cross-connects or rearrangement of existing jumpers;
3. Identification and testing of existing cabling beyond the MPOE to the Customer's Equipment location; and,
4. Installation intervals shall be in accordance with the timeframes identified for the services that this cabling will support, and shall be subject to the SLAs associated with that service.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall not be required to complete Extended Demarc wiring from the MPOE to the extended Demarc location if:

1. The wire/cable pathway is blocked, and cannot be cleared without significant effort or damage to the Customer site;
2. The wire/cable pathway is in an asbestos or other environment hazardous to the Contractor's personnel, or where such work would be hazardous to the public or to the Customer's staff; or,
3. Upon written release provided by either the Customer or by the CALNET Program.

The Bidder shall provide a price in the Cost Worksheets for all labor and materials required for Extended Demarc wiring necessary to complete the provisioning of one Demarc extension as described herein. The Bidder shall provide one price for each media identified.

Wiring will be installed according to industry Standards and cabling recommendations published in the State Telecommunications Management Manual (STMM), Facilities Management Chapter, and Uniform Building Cabling/Wiring current at the time of this IFB and as periodically updated by the CALNET Program. Additionally, all wiring installation and maintenance activities will be in accordance with all applicable EIA/TIA, BICSI, and ITU-T recommended standards current at the time of installation or maintenance.

Bidder understands the Requirement and shall meet or exceed it? Yes

Bidder shall provide the Extended Demarcation Wiring Services described in Table 24.5.2.1

Table 24.5.2.1 – Extended Demarcation Wiring Services

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
1	Extended Demarcation -Copper – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48 or equivalent jack.	AT&T assumes customer has adequate pathways.	EDCR	Yes
2	Extended Demarcation -Copper – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48 or equivalent jack.	AT&T assumes customer has adequate pathways.	EDCO	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
3	Extended Demarcation -Copper – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet of four-pair cable and an RJ48 or equivalent jack.	AT&T assumes customer has adequate pathways.	EDCH	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
4	Extended Demarcation -Copper 25 Pair – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one patch panel and mounting hardware. Ten Category 5e, three meter jumpers; one 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	AT&T assumes customer has adequate pathways.	EDC25R	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
5	Extended Demarcation -Copper 25 Pair – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one patch panel and mounting hardware. Ten Category 5e, three meter jumpers; one 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	AT&T assumes customer has adequate pathways.	EDC25O	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
6	Extended Demarcation -Copper 25 Pair – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment. Includes 300 feet or less of Category 5 25-pair CMP cable, one patch panel and mounting hardware. Ten Category 5e, three meter jumpers; one 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.	AT&T assumes customer has adequate pathways.	EDC25H	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
7	Extended Demarcation - Optical Fiber Link – Regular Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a fiber trunk or trunking equipment, Strand count required to provision one/each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	AT&T assumes customer has adequate pathways.	EDOR	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
8	Extended Demarcation - Optical Fiber Link – Overtime Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a fiber trunk or trunking equipment, Strand count required to provision one/each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	AT&T assumes customer has adequate pathways.	EDOO	Yes

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a fiber trunk or trunking equipment, Strand count required to provision one/each service only. Includes up to 1,000 feet of 62.5/125 – or 50/125 – micron, two-strand CMP fiber drop cable with adapters, enclosures, connectors, and two SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.	AT&T assumes customer has adequate pathways.	EDOH	Yes

24.5.2.2 Unsolicited Services Related Infrastructure

Bidder may offer additional unsolicited Services Related Infrastructure in Table 24.5.2.2.

Table 24.5.2.2 – Unsolicited Services Related Infrastructure

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations

24.5.3 Services Related Hourly Support

The Contractor shall provide labor for the diagnosis and/or repair of services listed in this Contract and all costs for repair are the responsibility of the service provider unless it is specifically determined that the cause of service failure is outside the scope of the Contractors responsibilities. Work performed under this Section 24.5.3 is authorized only for situations where the Contractor has dispatched personnel to diagnose a service problem that is discovered to be caused by factors outside the responsibility of the Contractor or no trouble is found.

Bidder understands the Requirement and shall meet or exceed it? Yes

In Cost Worksheet 24.5.3, the Contractor shall provide a fixed hourly rate schedule for the labor classifications required to diagnose and/or repair the contracted services. The rates identified shall only be used for the diagnosis and/or repair of contracted services and no materials shall be included in the rates. The total amount of labor hours permitted to be performed is ten hours per dispatch/occurrence.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall offer emergency restoration services as detailed in Table 24.5.3.

Table 24.5.3 – Services Related Hourly Support

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
1	Field Service Repair Technician Regular Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVV	**Yes**
2	Field Service Repair Technician Overtime Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVVO	**Yes**

Line Item	Feature Name	Feature Description	Bidder's Product Description, Restrictions and Limitations	Bidder's Product Identifier	Bidder Meets or Exceeds? Yes or No
3	Field Service Repair Technician Sunday and Holiday Hours	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.	MVVH	**Yes**

24.6 SERVICE LEVEL AGREEMENTS (SLA)

The Contractor shall provide Service Level Agreements (SLAs) as defined below. The intent of this section is to provide Customers, CALNET Program and the Contractor with requirements that define and assist in the management of the SLAs. This section includes the SLA formats, general requirements, stop clock conditions, and the Technical SLAs for the services identified in this solicitation.

24.6.1 Service Level Agreement Format

The Contractor shall adhere to the following format and include the content as described below for each Technical SLA added by the Contractor throughout the Term of the Contract:

1. SLA Name – Each SLA Name must be unique;
2. Definition - Describes what performance metric will be measured;
3. Measurements Process - Provides instructions how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details should include source of data

and define the points of measurement within the system, application, or network;

4. Service(s) - All applicable services will be listed in each SLA;
5. Objective(s) – Defines the SLA performance goal/parameters; and,
6. Rights and Remedies
7. Per Occurrence: Rights and remedies are paid on a per event basis during the bill cycle; and,
8. Monthly Aggregated Measurements: Rights and remedies are paid once during the bill cycle based on an aggregate of events over a defined period of time.

The Contractor shall proactively apply a credit or refund when an SLA objective is not met. CALNET SLA Rights and Remedies do not require the Customer to submit a request for credit or refund.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.2 Technical Requirements versus SLA Objectives

Sections 24.2 (Flat Rate Internet Services), 24.3 (Network Disaster/Operational Recovery), 24.4 (DDoS Mitigation Services), and 24.5 (Other Services) define the technical requirements for each service. These requirements are the minimum parameters each Bidder must meet in order to qualify for Contract award. Upon Contract award the committed technical requirements will be maintained throughout the remainder of the Contract.

Committed SLA objectives are minimum parameters which the Contractor shall be held accountable for all rights and remedies throughout Contract Term.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.3 Methods of Outage Reporting: Customer or Contractor

There are two methods in which CALNET service failures or quality of service issues may be reported and Contractor trouble tickets opened: Customer reported or Contractor reported.

The first method of outage reporting results from a Customer reporting service trouble to the Contractor's Customer Service Center via phone call or opening of a trouble ticket using the on-line Trouble Ticket Reporting Tool (SOW Business Requirements Section G.10.4, Trouble Ticket Reporting Tool (TTRT)).

The second method of outage reporting occurs when the Contractor opens a trouble ticket as a result of network/system alarm or other method of service failure identification. In each instance the Contractor shall open a trouble ticket using the Trouble Ticket Reporting Tool (SOW Business Requirements Section G.10.4) and monitor and report to Customer until service is restored.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.4 Bidder Response to Service Level Agreements

Many of the Service Level Agreements described below include multiple objective levels – Basic, Standard and Premier. Bidders shall indicate one specific objective level they are committing to for each service in space provided in the "Objective" section of each SLA description.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.5 Contractor SLA Management Plan

Within 90 calendar days of Contract award, the Contractor shall provide CALNET CMO with a detailed SLA Management Plan that describes how the Contractor will manage the Technical SLAs for services in this IFB. The SLA Management plan shall provide processes and procedures to be implemented by the Contractor. The SLA Management Plan shall define the following:

1. Contractor SLA Manager and supporting staff responsibilities;
2. Contractor's process for measuring objectives for each SLA. The process shall explain how the Contractor will continuously monitor and measure SLA performance to ensure compliance. The Contractor shall provide details describing how and what will be measured. Details should include source of data and define the points of measurement within the system, application, or network;
3. Creation and delivery of SLA Reports (SOW Business Requirements Section G.10.5). The Contractor shall include a sample report in accordance with SOW Business Requirements Section G.10.5, SLA Reports for the following: SLA Service Performance Report (SOW Business Requirements Section G10.5.1), SLA Provisioning Report (SOW Business Requirements Section G.10.5.2), SLA Catastrophic Outage Reports (SOW Business Requirements Section G.10.5.3), and Trouble Ticket and Provisioning/SLA Credit Report (SOW Business Requirements Section G.10.5.4). The Contractor shall commit to a monthly due date. The reports shall be provided to the CALNET

Program via the Private Oversight Website (SOW Business Requirements Section G.10.2);

4. SLA invoicing credit and refund process;
5. Contractor SLA problem resolution process for SLA management and SLA reporting. The Contractor shall provide a separate process for Customers and CALNET Program; and,
6. Contractor SLA Manager to manage all SLA compliance and reporting. The Contractor shall include SLA Manager contact information for SLA inquiries and issue resolution for Customer and CALNET Program.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.6 Technical SLA General Requirements

The Contractor shall adhere to the following general requirements which apply to all CALNET Technical SLAs (Section 24.6.8):

1. With the exception of the Provisioning SLA (Section 24.6.8.9), the total SLA rights and remedies for any given month shall not exceed the sum of 100% of the Total Monthly Recurring Charges (TMRC). Services with usage charges shall apply the Average Daily Usage Charge (ADUC) in addition to any applicable TMRC rights and remedies;
2. If a circuit or service fails to meet one or more of the performance objectives, only the SLA with the largest monthly Rights and Remedies will be credited to the Customer, per event;
3. The Contractor shall apply CALNET SLAs and remedies for services provided by Subcontractors and/or Affiliates;
4. The Definition, Measurement Process, Objectives, and Rights and Remedies shall apply to all services identified in each SLA. If a Category or Subcategory is listed in the SLA, then all services under that Category or Subcategory are covered under the SLA. Exceptions must be otherwise stated in the SLA; and,
5. TMRC rights and remedies shall include the service, option(s), and feature(s) charges.

Bidder understands the Requirement and shall meet or exceed it? Yes

6. The Contractor shall proactively and continuously monitor and measure all Technical SLA objectives.

Bidder understands the Requirement and shall meet or exceed it? Yes

7. The Contractor shall proactively credit all rights and remedies to the Customer within 60 calendar days of the trouble resolution date on the trouble ticket or within 60 calendar days of the Due Date on the Service Request for the Provisioning SLA.

Bidder understands the Requirement and shall meet or exceed it? Yes

8. To the extent that Contractor offers additional SLAs, or SLAs with more advantageous rights and/or remedies for same or similar services offered through tariffs, online service guides, or other similarly situated government contracts (Federal, State, County, City), The State will be entitled to the same rights and/or remedies therein. The Contractor shall present the SLAs to CALNET Program for possible inclusion via amendments;
9. The Contractor shall apply CALNET DNCS SLAs and remedies to services provided in all areas the Contractor provides service and/or open to competition (as defined by the CPUC). Any SLAs and remedies negotiated between Contractor and Incumbent Local Exchange Carriers in territories closed to competition shall be passed through to the CALNET DNCS Customer;

Bidder understands the Requirement and shall meet or exceed it? Yes

10. The election by CALNET Program of any SLA remedy covered by this Contract shall not exclude or limit CALNET Program or any Customer's rights and remedies otherwise available within the Contract or at law or equity;
11. The Contractor shall apply rights and remedies when a service fails to meet the SLA objective even when backup or protected services provide Customer with continuation of services;

Bidder understands the Requirement and shall meet or exceed it? Yes

12. The Contractor shall act as the single point of contact in coordinating all entities to meet the State's needs for provisioning, maintenance, restoration and resolution of service issues or that of their Subcontractors, Affiliates or resellers under this Contract;
13. The Customer Escalation Process and/or the CALNET CMO Escalation Process shall be considered an additional right and remedy if the Contractor fails to resolve service issues within the SLA objective(s);
14. Trouble reporting and restoration shall be provided 24x7 for CALNET services;

Bidder understands the Requirement and shall meet or exceed it? Yes

15. SLAs apply 24x7 unless SLA specifies an exception;
16. Contractor invoices shall clearly cross reference the SLA credit to the service Circuit ID in accordance with SOW Business Requirements Section G.6;

Bidder understands the Requirement and shall meet or exceed it? Yes

17. The Contractor shall provide a CALNET DNCS SLA Manager responsible for CALNET DNCS SLA compliance. The SLA Manager shall attend regular meetings and be available upon request to address CALNET Program SLA oversight, report issues, and problem resolution concerns. The CALNET DNCS SLA Manager shall also coordinate SLA support for Customer SLA inquiries and issue resolution;
18. The Contractor shall provide Customer and CALNET Program support for SLA inquiries and issue resolution; and,
19. Any SLAs and remedies negotiated between Contractor and third party service provider in territories closed to competition shall be passed through to the CALNET DNCS Customer.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.7 Trouble Ticket Stop Clock Conditions

Only the following conditions shall be allowed to stop the duration of the Service Level Agreements. The Contractor shall document durations using the Stop Clock Condition (SCC) listed in Table 24.6.7.a, which must include start and stop time stamps in the Contractor's Trouble Ticket Reporting Tool (SOW Business Requirements Section G.10.4) or Customer provisioning Service Request for each application of an SCC.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall not consider "cleared while testing" or "no trouble found" as a SCC.

Bidder understands the Requirement and shall meet or exceed it? Yes

Contractor observation timeframes, not requested by End-User, after incident resolution shall not be included in Outage Duration reporting.

Bidder understands the Requirement and shall meet or exceed it? Yes

Note: The Glossary (SOW Appendix A) defines term "End-User" as the "individual within an Entity that is receiving services and/or features provided under the Contract."

Table 24.6.7 – Stop Clock Conditions

Line Item	Stop Clock Condition (SCC)	SCC Definition
1	END-USER REQUEST	Periods when a restoration or testing effort is delayed at the specific request of the End-User. The SCC shall exist during the period the Contractor was delayed, provided that the End-User's request is documented and time stamped in the Contractor's trouble ticket or Service Request system and shows efforts are made to contact the End-User during the applicable Stop Clock period.
2	OBSERVATION	Time after a service has been restored but End-User request ticket is kept open for observation. If the service is later determined by the End-User to not have been restored, the Stop Clock shall continue until the time the End-User notifies the Contractor that the Service has not been restored.
3	END-USER NOT AVAILABLE	Time after a service has been restored but End-User is not available to verify that the Service is working. If the service is later determined by the End-User to not have been restored, the Stop Clock shall apply only for the time period between Contractor's reasonable attempt to notify the End-User that Contractor believes the service has been restored and the time the End-User notifies the Contractor that the Service has not been restored.
4	WIRING	Restoration cannot be achieved because the problem has been isolated to wiring that is not maintained by Contractor or any of its Subcontractors or Affiliates. If it is later determined the wiring is not the cause of failure, the SCC shall not apply.
5	POWER	Trouble caused by a power problem outside of the responsibility of the Contractor.

Line Item	Stop Clock Condition (SCC)	SCC Definition
6	CUSTOMER PROVISIONING DELAY	Delays to Provisioning caused by lack of Customer's building entrance Facilities, conduit structures that are the Customer's responsibilities or Extended demarcation wiring. If the Service Providing Contractor has been contracted by the Customer for extended demarcation, this SCC shall not apply to missed dates/times. The Customer Provisioning Delay SCC is restricted to Provisioning SLAs only.
7	ACCESS	Limited access or contact with End-User provided the Contractor documents in the trouble ticket several efforts to contact End-User for the following: a. Access necessary to correct the problem is not available because access has not been arranged by site contact or End-User representative; b. Site contact refuses access to technician who displays proper identification; c. Customer provides incorrect site contact information which prevents access, provided that Contractor takes reasonable steps to notify End-User of the improper contact information and takes steps to obtain the correct information; or, d. Site has limited hours of business that directly impacts the Contractor's ability to resolve the problem. If it is determined later that the cause of the problem was not at the site in question, then the Access SCC shall not apply.

Line Item	Stop Clock Condition (SCC)	SCC Definition
8	STAFF	Any problem or delay to the extent caused by End-User's staff that prevents or delays Contractor's resolution of the problem. In such event, Contractor shall make a timely request to End-User staff to correct the problem or delay and document in trouble ticket.
9	APPLICATION	End-User software applications that interfere with repair of the trouble.
10	CPE	Repair/replacement of Customer Premise Equipment (CPE) not provided by Contractor if the problem has been isolated to the CPE. If determined later that the CPE was not the cause of the service outage, the CPE SCC will not apply.
11	NO RESPONSE	Failure of the trouble ticket originator or responsible End-User to return a call from Contractor's technician for on-line close of trouble tickets after the Service has been restored as long as Contractor can provide documentation in the trouble ticket substantiating the communication from Contractor's technician.
12	MAINTENANCE	An outage directly related to any properly performed scheduled maintenance or upgrade scheduled for CALNET DNCS service. Any such stop clock condition shall not extend beyond the scheduled period of the maintenance or upgrade. SLAs shall apply for any maintenance caused outage beyond the scheduled maintenance period. Outages occurring during a scheduled maintenance or upgrade period and not caused by the scheduled maintenance shall not be subject to the Maintenance SCC.
13	THIRD PARTY	Any problem or delay caused by a third party not under the control of Contractor, not preventable by Contractor, including, at a minimum, cable cuts not caused by the Contractor. Contractor's Subcontractors and Affiliates shall be deemed to be under the control of Contractor with respect to the equipment, services, or Facilities to be provided under this Contract.

Line Item	Stop Clock Condition (SCC)	SCC Definition
14	FORCE MAJEURE	Force Majeure events, as defined in the eVAQ General Provisions - Telecommunications, Section 28 (Force Majeure).
15	Customer Environmental	An outage directly caused by customer premise environmental conditions, which are outside the control and responsibility of the Contractor. This includes a non-secured location, excessive heat or lack of cooling. If determined later that the environmental conditions were not the cause of the service outage, or a result of the Contractor modifying Contractor provided equipment without Customer's approval, the Customer Environmental SCC will not apply.

Bidder understands the Requirement and shall meet or exceed it? Yes

The Contractor shall provide and manage the following Technical SLAs.

24.6.8 Technical Service Level Agreements (SLA)

24.6.8.1 Availability (M-S)

SLA Name: Availability

Definition:

The percentage of time a CALNET DNCS service is fully functional and available for use each calendar month.

Measurement Process:

The monthly Availability Percentage shall be based on the accumulative total of all Unavailable Time derived from all trouble tickets closed, for the individual affected service (per Circuit ID or Service ID), per calendar month. The monthly Availability Percentage equals the Scheduled Uptime per month less Unavailable Time per month divided by Scheduled Uptime per month multiplied by 100. Scheduled Uptime is based on 24 x number of days in the month. All Unavailable Time applied to other SLAs, which results in a remedy, will be excluded from the monthly accumulated total.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The objective will be based on the access type identified in the table below:

Access Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B, S or P)**
InFRa	≥ 99.2%	≥ 99.5%	≥ 99.9%	S
InFRaM	≥ 99.2%	≥ 99.5%	≥ 99.9%	S
AT&T SDWAN		≥ 99.5%		S
AT&T Enterprise Traffic Protector		≥ 99.5%		S
AT&T Enterprise Application Access		≥ 99.5%		S
AT&T Flexware Standard		≥ 99.5%		S
AT&T Flexware Specialized		≥ 99.5%		S
AT&T Security Information and Event Management (SIEM)		≥ 99.5%		S

AT&T VSS-PRO (Vulnerability Scanning Service)		≥ 99.5%		S
Premises Based Firewall Service (PBFW)		≥ 99.5%		S
Managed Intrusion Detection Service		≥ 99.5%		S
Managed Network Access Control Service		≥ 99.5%		S
AT&T Security Network Device Management		≥ 99.5%		S
AT&T Business WiFi Service		≥ 99.5%		S
AT&T Global Secure Gateway		≥ 99.5%		S

Rights and Remedies:

1. Per Occurrence:
    - End-User Escalation Process
    - CALNET CMO Escalation Process
2. Monthly Aggregated Measurements:
    - First month service fails to meet the committed SLA objective shall result in a 15% credit or refund of the TMRC.
    - The second consecutive month to fail to meet the committed SLA objective shall result in a 30% credit or refund of TMRC.
    - Each additional consecutive month to fail to meet the committed SLA objective shall result in a 50% credit or refund of the TMRC.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.2 Catastrophic Outage 1 (CAT 1) (M-S)

SLA Name: Catastrophic Outage 1 (CAT 1)

Definition:

The total loss of service at a single site resulting in the loss of service to five or more circuits or any single service at 500Mbps or greater.

Measurement Process:

The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by a Customer, or the Contractor, whichever occurs first. The Contractor shall open a trouble ticket for each service (Circuit ID or Service ID) affected by the common cause. Each End-User service is deemed out of service from the first notification until the Contractor determines the End-User service (Circuit ID or Service ID) is restored minus SCC. Any service reported by a Customer as not having been restored shall have the outage time adjusted to the actual restoration time.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The objective restoral time will be::

Service Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B, S or P)**
Internet Flat Rate Service	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
AT&T SDWAN		≤ 2 hours		S
AT&T Enterprise Traffic Protector		≤ 2 hours		S

AT&T Enterprise Application Access		≤ 2 hours		S
AT&T Flexware Standard		≤ 2 hours		S
AT&T Flexware Specialized		≤ 2 hours		S
AT&T Security Information and Event Management (SIEM)		≤ 2 hours		S
AT&T VSS-PRO (Vulnerability Scanning Service)		≤ 2 hours		S
Premises Based Firewall Service (PBFW)		≤ 2 hours		S
Managed Intrusion Detection Service		≤ 2 hours		S
Managed Network Access Control Service		≤ 2 hours		S
AT&T Security Network Device Management		≤ 2 hours		S
AT&T Business WiFi Service		≤ 2 hours		S
AT&T Global Secure Gateway		≤ 2 hours		S

Rights and Remedies:

1. Per Occurrence:
    - 100% credit or refund of the TMRC for each End-User service not meeting the committed objective for each CAT 1 fault.
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.3 Catastrophic Outage 2 (CAT 2) (M-S)

SLA Name: Catastrophic Outage 2 (CAT 2)

Definition:

A total failure of a service type in a central office (or equivalent facility), other than access, that results in a CALNET DNCS service failure. Or, a

backbone failure or failure of any part of the equipment associated with the backbone that causes a CALNET DNCS service failure.

Measurement Process:

The Outage Duration begins when a network alarm is received by the Contractor from the outage-causing event or the opening of a trouble ticket by the Customer or Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall compile a list for each End-User service affected by the common cause for tracking and reporting of the SLA rights and remedies. Outage Duration shall be measured on a per-End-User service (Circuit ID or Service ID) basis from information recorded from the network equipment/system or a Customer reported trouble ticket. Each End-User service (Circuit ID or Service ID) is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The objective restoral time will be:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
Internet Flat Rate Service	≤ 1 Hour	≤ 30 Minutes	≤ 15 Minutes	S
AT&T SDWAN		≤ 30 Minutes		S
AT&T Enterprise Traffic Protector		≤ 30 Minutes		S
AT&T Enterprise Application Access		≤ 30 Minutes		S
AT&T Flexware Standard		≤ 30 Minutes		S
AT&T Flexware Specialized		≤ 30 Minutes		S
AT&T Security Information and Event Management (SIEM)		≤ 30 Minutes		S
AT&T VSS-PRO (Vulnerability Scanning Service)		≤ 30 Minutes		S
Premises Based Firewall Service (PBFW)		≤ 30 Minutes		S
Managed Intrusion Detection Service		≤ 30 Minutes		S
Managed Network Access Control Service		≤ 30 Minutes		S
AT&T Security Network Device Management		≤ 30 Minutes		S
AT&T Business WiFi Service		≤ 30 Minutes		S
AT&T Global Secure Gateway		≤ 30 Minutes		S

Rights and Remedies:

1. Per Occurrence:
    - 100% credit or refund of the TMRC for each End-User service not meeting the committed objective per occurrence objective for a single CAT 2 fault.
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.4 Catastrophic Outage 3 (CAT 3) (M-S)

SLA Name: Catastrophic Outage 3 (CAT 3)

Definition:

The total loss of Internet Service on a system wide basis.

Measurement Process:

The Outage Duration begins when a network alarm is received by the Contractor from an outage-causing event or the opening of a trouble ticket by the Customer or the Contractor, whichever occurs first. Upon notification from the Customer or network alarm, the Contractor shall open a trouble ticket and compile a list for each End-User service (Circuit ID or Service ID) affected by the common cause for tracking and reporting of the SLA rights and remedies. Outage Duration shall be measured on a per-End-User service (Circuit ID or Service ID) basis from information recorded from the network equipment/system or trouble ticket. Each End-User service (Circuit ID or Service ID) is deemed out of service from the first notification until the Contractor determines the End-User service is restored. Any End-User service reported by the End-User/Customer as not having been restored shall have the outage time adjusted to the actual restoration time.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The objective restoral time will be:

Access Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B or P)**
Internet Flat Rate Service	≤ 30 Minutes	N/A	≤ 15 Minutes	P
AT&T SDWAN			≤ 15 Minutes	P
AT&T Enterprise Traffic Protector			≤ 15 Minutes	P
AT&T Enterprise Application Access			≤ 15 Minutes	P
AT&T Flexware Standard			≤ 15 Minutes	P
AT&T Flexware Specialized			≤ 15 Minutes	P
AT&T Security Information and Event Management (SIEM)			≤ 15 Minutes	P
AT&T VSS-PRO (Vulnerability Scanning Service)			≤ 15 Minutes	P

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
Premises Based Firewall Service (PBFW)			≤ 15 Minutes	P
Managed Intrusion Detection Service			≤ 15 Minutes	P
Managed Network Access Control Service			≤ 15 Minutes	P
AT&T Security Network Device Management			≤ 15 Minutes	P
AT&T Business WiFi Service			≤ 15 Minutes	P
AT&T Global Secure Gateway			≤ 15 Minutes	P

Rights and Remedies:

1. Per Occurrence:
    - 100% credit or refund of the TMRC for each service (Circuit ID or Service ID) not meeting the committed objective for each Cat 3 fault.
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.5 DDoS Mitigation (M-S)

SLA Name: DDoS Time to Initiate Mitigation

Definition:

The time to initiate DDoS mitigation upon the identification of an attack.

Measurement Process:

The amount of time between the detection via Customer or Contractor identification of an anomaly or attack, and the initiation of the mitigation process.

Services:

DDoS Mitigation

Objectives:

Mitigation shall begin within:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
DDoS Mitigation	≤ 45 Minutes	≤ 30 Minutes	≤ 15 Minutes	S

Rights and Remedies:

1. Per Occurrence:

Basic Time to Initiate Mitigation Minutes	Standard Time to Initiate Mitigation Minutes	Premier Time to Initiate Mitigation Minutes	Credit or Refund Percentage of TMRC for all components of DDoS feature per event
46 – 75	31 – 45	16 – 30	25%
76 – 135	46 – 75	31 – 45	50%
136 and over	76 and over	46 and over	100%

2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.6 Excessive Outage (M-S)

SLA Name: Excessive Outage

Definition:

Any failure that prevents full functionality of the service that remains unresolved for more than the committed objective level.

Measurement Process:

This SLA is based on trouble ticket Unavailable Time. The circuit or service is not fully functional during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If the Customer reports a partial or complete service that is not fully functional and remains unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The Unavailable Time objective shall not exceed:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
Internet Flat Rate Service	16 Hours	12 Hours	8 Hours	S
AT&T SDWAN		12 Hours		S
AT&T Enterprise Traffic Protector		12 Hours		S
AT&T Enterprise Application Access		12 Hours		S
AT&T Flexware Standard		12 Hours		S

AT&T Flexware Specialized		12 Hours		S
AT&T Security Information and Event Management (SIEM)		12 Hours		S
AT&T VSS-PRO (Vulnerability Scanning Service)		12 Hours		S
Premises Based Firewall Service (PBFW)		12 Hours		S
Managed Intrusion Detection Service		12 Hours		S
Managed Network Access Control Service		12 Hours		S
AT&T Security Network Device Management		12 Hours		S
AT&T Business WiFi Service		12 Hours		S
AT&T Global Secure Gateway		12 Hours		S

Rights and Remedies:

1. Per Occurrence:
    - 100% credit or refund of the TMRC for each service (Circuit ID or Service ID) out of service for a period greater than the committed objective level.
    - Upon request from the Customer or the CALNET Program, the Contractor shall provide a briefing on the excessive outage restoration.
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.7 Managed Service Proactive Notification (M-S)

SLA Name: Managed Service Proactive Notification

Definition:

The proactive outage notification SLA provides credits if the Contractor fails to open a trouble ticket and notify Customer of an Outage for a managed service. Notification to the Customer shall occur through means agreed to by Contractor and CALNET Program.

An Outage is defined as an unscheduled period in which the managed service is interrupted and unavailable for use by Customer for 60 continuous seconds or more than 60 cumulative seconds within a 15-minute period measured by the Contractor.

Measurement Process:

The Outage Duration start shall be determined by the first Contractor network alarm resulting from the outage-causing event or the opening of a trouble ticket by the Customer, whichever occurs first. The Contractor has fifteen minutes (Notification Period) to open a trouble ticket and notify the Customer from the start point of the first network alarm. The Contractor is in compliance with the proactive outage notification SLA if the Customer opened the trouble ticket prior to the network alarm or Customer is notified by the Contractor within the Notification Period.

Services:

Flat Rate Internet Service with Managed Router or IP Enabled Routing Device

Objectives:

15 Minutes

Rights and Remedies:

1. Per Occurrence:
    - Customer will receive a credit or refund equal to 10% of the TMRC for each Contractor Managed Service (Circuit ID) that was impacted during an outage if the Customer was not proactively notified within the notification period
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.8 Notification

SLA Name: Notification

Definition:

The Contractor notification to the CALNET Program and designated stakeholders in the event of a CAT 2 or CAT 3 failure, terrorist activity, threat of natural disaster, or actual natural disaster which results in a significant loss of telecommunication services to CALNET DNCS End-Users or has the potential to impact services in a general or statewide area. The State understands initial information requiring the nature of the outage may be limited.

Measurement Process:

The Contractor shall adhere to the Network Outage Response requirements (SOW Business Requirements Section G.3.3, Network Outage Response) and notify the CALNET Program and designated stakeholders for all CAT 2 and CAT 3 Outages or for network outages resulting in a significant loss of service. Notification objectives will be based on the start time of the outage failure determined by the opening of a trouble ticket or network alarm, whichever occurs first. For events based on information such as terrorist activity or threat of natural disaster, the Contractor shall notify the CALNET Program and designated stakeholders when information is available for dissemination to the Customers.

Services:

Internet Flat Rate Service

Objectives:

Within 60 minutes of the above mentioned failures' start time, the Contractor shall notify the CALNET Program and designated stakeholders using a method defined in SOW Business Requirements, Network Outage Response.

At 60-minute intervals, updates shall be given on the above-mentioned failures via the method defined in SOW Business Requirements, Network Outage Response.

This objective is the same for Basic, Standard and Premier Commitments.

Rights and Remedies:

1. Per Occurrence:
    - Senior Management Escalation
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.9 Provisioning (M-S)

SLA Name: Provisioning

Definition:

Provisioning shall include new services, moves, adds and changes, completed by the Contractor on or before the due dates. The Provisioning SLA shall be based on committed installation intervals established in this SLA or due dates negotiated between the Customer and the Contractor documented on the Contractor's order confirmation notification or Contracted Project Work SOW in accordance with SOW Business Requirements Section G.2.5.4, Provisioning and Implementation. The Contractor shall meet the committed interval dates or due date negotiated with the Customer. If the Customer agrees to a negotiated due date, the negotiated due date supersedes the committed interval. At the Customer's discretion, if the scope of the Service Request(s) meets the Coordinated or Managed Project criteria, negotiated due dates will be established and documented in the Project Timeline per SOW Business Requirements Section G.8, Contracted Service Project Work.

Provisioning SLAs have two objectives:

Objective 1: Individual service installation; and,
Objective 2: Successful Install Monthly Percentage by service type.
Note: Provisioning timelines include extended demarcation wiring when appropriate.

Measurement Process:

Objective 1: Individual Service Installations: Install intervals are based on the committed installation intervals established in this SLA or due dates negotiated between the Customer and the Contractor. This objective requires the Contractor to meet the due date for each individual service installation. This includes individual circuit/service level installations for Coordinated and Managed Projects.

Objective 2: Successful Install Monthly Percentage per Service Type: The Contractor shall sum all individual installations per service, as listed below, meeting the objective in the measurement period and divide by the sum of all individual service installations due per service in the measurement period and multiply by 100 to equal the percentage of service installations completed on time. The Contractor must meet or exceed the objective below in order to avoid the rights and remedies.

Services:

Features must be installed in conjunction with the service except when listed below:

Service	Committed Interval Days	Coordinated/Managed Project
InFRa	30	Coordinated/Managed Project
InFRaM	30	Coordinated/Managed Project
AT&T SDWAN	30	Coordinated/Managed Project
AT&T Enterprise Traffic Protector	30	Coordinated/Managed Project
AT&T Enterprise Application Access	30	Coordinated/Managed Project
AT&T Flexware Standard	30	Coordinated/Managed Project
AT&T Flexware Specialized	30	Coordinated/Managed Project
AT&T Security Information and Event Management (SIEM)	30	Coordinated/Managed Project
AT&T VSS-PRO (Vulnerability Scanning Service)	30	Coordinated/Managed Project
Premises Based Firewall Service (PBFW)	30	Coordinated/Managed Project
Managed Intrusion Detection Service	30	Coordinated/Managed Project

Service	Committed Interval Days	Coordinated/Managed Project
Managed Network Access Control Service	30	Coordinated/Managed Project
AT&T Security Network Device Management	30	Coordinated/Managed Project
AT&T Business WiFi Service	30	Coordinated/Managed Project
AT&T Global Secure Gateway	30	Coordinated/Managed Project

Objectives:

Objective 1: Individual service installation: Service provisioned on or before the due date per installation Service Request.
Objective 2: Monthly Average percent by service type:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
InFRa	≥ 90%	N/A	≥ 95%	P
InFRaM	≥ 90%	N/A	≥ 95%	P
AT&T SDWAN			≥ 95%	P
AT&T Enterprise Traffic Protector			≥ 95%	P
AT&T Enterprise Application Access			≥ 95%	P
AT&T Flexware Standard			≥ 95%	P
AT&T Flexware Specialized			≥ 95%	P
AT&T Security Information and Event Management (SIEM)			≥ 95%	P
AT&T VSS-PRO (Vulnerability Scanning Service)			≥ 95%	P
Premises Based Firewall Service (PBFW)			≥ 95%	P
Managed Intrusion Detection Service			≥ 95%	P
Managed Network Access Control Service			≥ 95%	P
AT&T Security Network Device Management			≥ 95%	P
AT&T Business WiFi Service			≥ 95%	P

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
AT&T Global Secure Gateway			≥ 95%	P

Rights and Remedies:

1. Per Occurrence:
    - Objective 1: Individual service installations: 50% of installation fee credited to the Customer for any missed committed objective.
2. Monthly Aggregated Measurements:
    - Objective 2: 100% of the installation fee credited to the Customer for all service installations (per service type) that did not complete within the committed objective during the month if the Successful Install Monthly Percentage is below the committed objective.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.10 Time to Repair (M-S)

SLA Name: Time to Repair

Definition:

Any failure that prevents full functionality of the service that remains unresolved for more than the committed objective level.

Measurement Process:

This SLA is based on trouble ticket Unavailable Time per service (Circuit ID or Service ID). The circuit or service is not fully functional during the time the trouble ticket is reported as opened until restoration of the service, minus SCC. If the Customer reports a service that is not fully functional and remains unresolved after the closure of the trouble ticket by the Contractor, the Unavailable Time shall be adjusted to the actual restoration time. This SLA is applied per occurrence.

Services:

Flat Rate Internet Service
AT&T SDWAN
AT&T Enterprise Traffic Protector
AT&T Enterprise Application Access
AT&T Flexware Standard
AT&T Flexware Specialized
AT&T Security Information and Event Management (SIEM)
AT&T VSS-PRO (Vulnerability Scanning Service)
Premises Based Firewall Service (PBFW)
Managed Intrusion Detection Service
Managed Network Access Control Service
AT&T Security Network Device Management
AT&T Business WiFi Service
AT&T Global Secure Gateway

Objectives:

The Unavailable Time objective shall not exceed:

Service Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B, S or P)**
Internet Flat Rate Service	6 Hours	5 Hours	4 Hours	P
AT&T SDWAN			4 Hours	P
AT&T Enterprise Traffic Protector			4 Hours	P
AT&T Enterprise Application Access			4 Hours	P
AT&T Flexware Standard			4 Hours	P
AT&T Flexware Specialized			4 Hours	P
AT&T Security Information and Event Management (SIEM)			4 Hours	P
AT&T VSS-PRO (Vulnerability Scanning Service)			4 Hours	P
Premises Based Firewall Service (PBFW)			4 Hours	P
Managed Intrusion Detection Service			4 Hours	P

Service Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
Managed Network Access Control Service			4 Hours	P
AT&T Security Network Device Management			4 Hours	P
AT&T Business WiFi Service			4 Hours	P
AT&T Global Secure Gateway			4 Hours	P

Rights and Remedies:

1. Per Occurrence:
    - 25% credit or refund of the TMRC for each service (Circuit ID or Service ID) out of service for a period greater than the committed objective level.
2. Monthly Aggregated Measurements:
    - N/A

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.11 Unsolicited Service Enhancement SLAs

All unsolicited service enhancements shall be considered a feature of the service, and therefore shall be included as such under the SLAs as defined in this section.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.12 Proposed Unsolicited Offerings

The Contractor shall provide SLAs as defined in SLA Section 24.6.8 for each unsolicited offering determined by the CALNET Program not to be a feature of a service or a component of an unbundled service identified in the technical requirements. SLA tables shall be amended after Contract award to include all new unsolicited services.

Bidder understands the Requirement and shall meet or exceed it? Yes

24.6.8.13 Contract Amendment Service Enhancement SLAs

All Contract amendment service enhancements shall be considered a feature of the service, therefore included as such under the SLAs as defined in Section 24.6.8.

Bidder understands the Requirement and shall meet or exceed it? Yes