AINVITATION FOR BID

IFB C4DNCS19
Data Networks and Communications Services

CATEGORY 20 – MPLS DATA NETWORK

AT&T Enterprises, LLC.

Statement of Work

TECHNICAL REQUIREMENTS

March 5, 2020

BAFO

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STATE OF CALIFORNIA

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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 20.2.9.2.b - Unsolicited MPLS Port and Access Bundled Transport Speeds Updated Table 20.2.9.3.b - Unsolicited MPLS Port, Access and Layer 3 Routing Device Bundled Transport Speeds Updated Table 20.2.10 - Unsolicited MPLS Services and Features Deleted entire Table 20.3.2.2 – Unsolicited Services Related Infrastructure Updated available Services in Sections 20.4.8.2, 20.4.8.3, 20.4.8.4, 20.4.8.6, 20.4.8.7, 20.4.8.9, 20.4.8.10
8	8/20/21	Updated Header Updated Table 20.2.10 - Unsolicited MPLS Services and Features to add Professional Services
25	11/07/2025	Changed contractor name from AT&T Corp. to AT&T Enterprises, LLC.

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TECHNICAL REQUIREMENTS

Category 20 – MPLS DATA NETWORK

20.1 OVERVIEW

This Category 20 IFB C4DNCS19 (IFB) provides the State's solicitation for best value solutions for MPLS Data Network Services. This IFB also describes the CALNET 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 Part 1, Bid Evaluation. The CALNET Data Network and Communication Services (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).

20.1.1 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? Yes"

Or,

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

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

Bidder's 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**

20.1.2 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.

20.1.3 Pacific Time Zone

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

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

20.2 MULTI-PROTOCOL LABEL SWITCHING (MPLS) SERVICES

Bidders shall confirm that the Contractor's Multi-Protocol Label Switching (MPLS) Wide Area Network (WAN) Virtual Private Network (VPN) service will meet all of the requirements described below.

20.2.1 MPLS Service Functionality

1. Contractors shall provide a private MPLS WAN VPN service for the networking of all voice, video and data applications.

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

2. The MPLS WAN VPN service shall support voice, video and data applications over a single access connection with individual Class of Service (CoS) to allow each set of applications to be transported within its service specifications.

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

3. The MPLS WAN VPN service shall support the ability to assign specific application priority over other applications.

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

4. The MPLS WAN VPN service shall provide any-to-any connectivity.

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

5. The MPLS WAN VPN service shall not use the public Internet for transport. Remote access to this solution may use the public Internet.

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

6. The MPLS WAN VPN service shall be a fully Managed Service that includes the Customer edge layer 3 routing device.

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

20.2.2 MPLS WAN VPN Configurations

The Bidder's MPLS WAN VPN service shall support the following configurations:

1. Port only configuration;

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

2. Bundled port and access configuration; and,

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

3. Bundled port, access and Customer edge layer 3 routing device configuration.

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

20.2.3 MPLS Industry Security Standards

1. Upon request by the CALNET CMO, Contractor will provide for viewing at Contractor's facility the security controls in force for the MPLS WAN infrastructure as well as independent audit results of those controls for authorized State personnel (under NDA). This will include the full scope of controls NIST SP 800-53, ISO/IEC 27001, or equivalent. Where NDAs are not sufficient to allow access to Contractor's facility, the Contractor shall provide independent audit results to the State Information Security Officer.

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

2. If Contractor determines that a breach of data has occurred within the Contractor's MPLS WAN that may involve CALNET Customer data, the nature and scope of the breach (as it affects Customer data) must be

reported to both the Customer and the CALNET CMO within 24 hours of that determination.

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

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

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

4. Contractor shall apply available patches and/or updates which remediate published vulnerabilities in accordance CVSS v3.0 Base Score.

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

5. Contractor shall provide to the CALNET CMO a report upon request detailing all (if any) actual violations of security protections, policies, practices, and/or procedures involving Contractor managed Customer edge devices and what remediation was implemented.

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

20.2.3.1 MPLS Physical Security

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

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

20.2.3.2 Protection against Unauthorized Access

Contractor shall provide access controls for all equipment through which data traverses Contractor's MPLS WAN complying with the physical security controls of NIST SP 800-53, ISO/IEC 27001, or equivalent standards.

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

20.2.3.3 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 this requirement and shall meet or exceed it? Yes

20.2.4 MPLS WAN VPN Standards

Bidders shall confirm that the Contractor's CALNET MPLS WAN VPN services meet all International Engineering Task Force (IETF) Standards and Request for Comments (RFC's).

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

20.2.5 MPLS Performance Metrics

Bidders shall confirm that the Contractor's solution will meet all of the requirements described below.

1. Service availability shall be 99.9% measured port to port.

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

2. MPLS shall have a packet loss of <0.2% measured port to port.

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

3. MPLS shall have jitter <10ms measured port to port.

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

20.2.6 MPLS Geographic Service Areas

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.

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.

Table 20.2.6 – Bidder's MPLS Service Locations

Line Item	Service Location – City or ZIP Code
1	Agoura Hills

Line Item	Service Location – City or ZIP Code
2	Alameda
3	Albany
4	Alhambra
5	Aliso Viejo
6	American Canyon
7	Anaheim
8	Anderson
9	Antioch
10	Arcadia
11	Arcata
12	Arroyo Grande
13	Arvin
14	Atascadero
15	Atherton
16	Atwater
17	Auburn
18	Avalon
19	Avenal
20	Bakersfield
21	Baldwin Park
22	Bell
23	Bellflower
24	Belmont
25	Belvedere
26	Benicia
27	Berkeley
28	Beverly Hills
29	Biggs
30	Blue Lake
31	Brawley
32	Brea
33	Brentwood
34	Brisbane
35	Buena Park
36	Burbank

Line Item	Service Location – City or ZIP Code
37	Burlingame
38	Calabasas
39	Calexico
40	Calipatria
41	Calistoga
42	Camarillo
43	Campbell
44	Capitola
45	Carlsbad
46	Carmel-By-The-Sea
47	Carson
48	Ceres
49	Chico
50	Chino
51	Chowchilla
52	Chula Vista
53	Citrus Heights
54	Claremont
55	Clayton
56	Clearlake
57	Cloverdale
58	Coalinga
59	Colma
60	Colton
61	Commerce
62	Compton
63	Concord
64	Corning
65	Corona
66	Coronado
67	Corte Madera
68	Costa Mesa
69	Cotati
70	Cudahy
71	Culver City

Line Item	Service Location – City or ZIP Code
72	Cupertino
73	Cypress
74	Daly City
75	Dana Point
76	Danville
77	Davis
78	Del Mar
79	Del Rey Oaks
80	Delano
81	Diamond Bar
82	Dinuba
83	Dixon
84	Downey
85	Dublin
86	Dunsmuir
87	East Palo Alto
88	El Cajon
89	El Centro
90	El Cerrito
91	El Monte
92	El Paso De Robles
93	El Segundo
94	Elk Grove
95	Emeryville
96	Encinitas
97	Escalon
98	Escondido
99	Eureka
100	Fairfax
101	Fairfield
102	Farmersville
103	Fillmore
104	Firebaugh
105	Folsom
106	Fontana

Line Item	Service Location – City or ZIP Code
107	Fort Bragg
108	Fortuna
109	Foster City
110	Fountain Valley
111	Fremont
112	Fresno
113	Fullerton
114	Galt
115	Garden Grove
116	Gardena
117	Gilroy
118	Glendale
119	Glendora
120	Gonzales
121	Grand Terrace
122	Grass Valley
123	Greenfield
124	Gridley
125	Grover Beach
126	Gustine
127	Half Moon Bay
128	Hanford
129	Hawthorne
130	Hayward
131	Healdsburg
132	Hercules
133	Hermosa Beach
134	Hidden Hills
135	Highland
136	Hillsborough
137	Hollister
138	Holtville
139	Hughson
140	Huntington Beach
141	Huntington Park

Line Item	Service Location – City or ZIP Code
142	Huron
143	Imperial
144	Imperial Beach
145	Inglewood
146	Ione
147	Irvine
148	Jackson
149	King City
150	Kingsburg
151	La Canada Flintridge
152	La Habra
153	La Mesa
154	La Mirada
155	La Puente
156	Lafayette
157	Laguna Beach
158	Laguna Hills
159	Laguna Niguel
160	Laguna Woods
161	Lake Elsinore
162	Lake Forest
163	Lakeport
164	Lakewood
165	Lancaster
166	Larkspur
167	Lemon Grove
168	Lemoore
169	Lincoln
170	Live Oak
171	Livermore
172	Livingston
173	Lodi
174	Lomita
175	Long Beach
176	Loomis

Line Item	Service Location – City or ZIP Code
177	Los Alamitos
178	Los Altos
179	Los Altos Hills
180	Los Angeles
181	Los Banos
182	Los Gatos
183	Loyalton
184	Lynwood
185	Madera
186	Manhattan Beach
187	Marina
188	Martinez
189	Marysville
190	Maywood
191	Mendota
192	Menlo Park
193	Merced
194	Mill Valley
195	Millbrae
196	Milpitas
197	Mission Viejo
198	Modesto
199	Monrovia
200	Montague
201	Montclair
202	Montebello
203	Monterey
204	Monterey Park
205	Moorpark
206	Moraga
207	Morgan Hill
208	Morro Bay
209	Mount Shasta
210	Mountain View
211	Napa

Line Item	Service Location – City or ZIP Code
212	National City
213	Nevada City
214	Newark
215	Newman
216	Newport Beach
217	Norco
218	Norwalk
219	Novato
220	Oakdale
221	Oakland
222	Oakley
223	Oceanside
224	Ojai
225	Ontario
226	Orange
227	Orange Cove
228	Orinda
229	Orland
230	Oroville
231	Oxnard
232	Pacific Grove
233	Pacifica
234	Palmdale
235	Palo Alto
236	Paradise
237	Paramount
238	Parlier
239	Pasadena
240	Petaluma
241	Pico Rivera
242	Piedmont
243	Pinole
244	Pismo Beach
245	Pittsburg
246	Placentia

Line Item	Service Location – City or ZIP Code
247	Placerville
248	Pleasant Hill
249	Pleasanton
250	Plymouth
251	Point Arena
252	Pomona
253	Port Hueneme
254	Porterville
255	Portola
256	Portola Valley
257	Poway
258	Rancho Cordova
259	Rancho Cucamonga
260	Rancho Santa Margarita
261	Red Bluff
262	Redding
263	Redondo Beach
264	Redwood City
265	Rialto
266	Richmond
267	Rio Dell
268	Ripon
269	Riverbank
270	Riverside
271	Rocklin
272	Rohnert Park
273	Rolling Hills
274	Rosemead
275	Roseville
276	Ross
277	Sacramento
278	Salinas
279	San Anselmo
280	San Bernardino
281	San Bruno

Line Item	Service Location – City or ZIP Code
282	San Buenaventura
283	San Carlos
284	San Clemente
285	San Diego
286	San Fernando
287	San Francisco
288	San Gabriel
289	San Jose
290	San Juan Bautista
291	San Juan Capistrano
292	San Leandro
293	San Luis Obispo
294	San Marcos
295	San Marino
296	San Mateo
297	San Pablo
298	San Rafael
299	San Ramon
300	Sand City
301	Santa Ana
302	Santa Clara
303	Santa Clarita
304	Santa Cruz
305	Santa Fe Springs
306	Santa Maria
307	Santa Monica
308	Santa Rosa
309	Santee
310	Saratoga
311	Sausalito
312	Scotts Valley
313	Seaside
314	Sebastopol
315	Selma
316	Shafter

Line Item	Service Location – City or ZIP Code
317	Shasta Lake
318	Simi Valley
319	Solana Beach
320	Soledad
321	Sonoma
322	Sonora
323	South El Monte
324	South Gate
325	South Lake Tahoe
326	South Pasadena
327	South San Francisco
328	Stanton
329	Stockton
330	Suisun City
331	Sunnyvale
332	Sutter Creek
333	Tehachapi
334	Tehama
335	Temple City
336	Thousand Oaks
337	Tiburon
338	Torrance
339	Tracy
340	Trinidad
341	Truckee
342	Tulare
343	Turlock
344	Tustin
345	Ukiah
346	Union City
347	Upland
348	Vacaville
349	Vallejo
350	Vernon
351	Villa Park

Line Item	Service Location – City or ZIP Code
352	Visalia
353	Vista
354	Walnut Creek
355	Wasco
356	Waterford
357	Watsonville
358	Weed
359	West Covina
360	West Hollywood
361	West Los Angeles
362	West Sacramento
363	Westlake Village
364	Westminster
365	Westmorland
366	Wheatland
367	Whittier
368	Willits
369	Willows
370	Windsor
371	Winters
372	Woodlake
373	Woodland
374	Woodside
375	Yorba Linda
376	Yountville
377	Yreka
378	Yuba City

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

20.2.7 MPLS Network Designs and Diagrams

Bidders shall provide network designs and diagrams for the network and MPLS services.

Bidders shall provide one electronic copy with their proposal. Electronic drawings shall be in .dwg, .dfx, .vsd, .pdf or any mutually agreed format. Drawings must

identify how the Contractor's network(s) deployed for each service type will address the following:

1. *Redundancy* – Having one or more circuits/systems deployed in case of failure of the main circuits/systems; and
2. *Diversity* – Backbone network paths and infrastructure offered in such a way as to minimize the chance of a single point of failure.

The Contractor shall provide soft and hard copy revisions upon CALNET CMO request.

Drawings shall include both topology and logical representations of all critical network backbone elements to include but not be limited to the following:

1. Geographic location of equipment;
2. Type and capacity of equipment at each location including any backup systems;
3. Service type;
4. Unique identifier for each element;
5. Circuit type; and,
6. General circuit route

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

20.2.8 MPLS Technical Requirements

Bidder shall confirm that its MPLS solution to be deployed for CALNET DNCS will include the technical features and functionality described below.

1. Contractor shall be able to scale the number of VPNs supported by the network.

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

2. Contractor shall support multiple VPNs per access.

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

3. Contractor shall support multiple VPNs across the MPLS network.

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

4. Contractor shall provide the rapid service restoration practices for all MPLS deployments in accordance with the SLAs in the Technical Service Level Agreements Section.

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

5. Contractor shall provide redundant network circuits in the backbone network.

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

6. Contractor shall provide network diversity to eliminate single points of failure in the backbone network.

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

7. Contractor shall provide a remote access service that allows an out of band access to any Customer site contained within the same VPN. The solution may utilize the public Internet.

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

8. The remote access service shall be secured.

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

9. The MPLS WAN VPN service shall support controlled and monitored connections between the MPLS network and the public Internet via a hardened trusted managed firewall.

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

10. The MPLS WAN VPN service shall be resilient.

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

11. Contractor shall provide support for multiple Layer 2 access protocols.

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

12. Contractor shall provide segregation of Customer traffic in a VPN environment.

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

13. The MPLS WAN VPN service shall support IPv4/v6 capability.

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

14. The Contractor shall provide MPLS port diversity capability within the same MPLS PoP.

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

15. The Contractor shall provide MPLS PoP diversity capability.

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

16. The Contractor shall provide out-of-band backup capability to support routing of traffic outside of the MPLS network in case of MPLS network failure.

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

17. The MPLS WAN VPN service shall support IP Multicasting.

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

18. The MPLS WAN VPN service shall provide Multiple CoS to support the prioritization of Customer applications and traffic flows.

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

19. The MPLS WAN VPN service shall support the division of an MPLS port into multiple logical channels such that each logical channel can be used to support a VPN.

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

20. The MPLS WAN VPN service shall support multiple Layer 2 protocols.

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

21. The MPLS WAN VPN service shall support wireless Customer access capability to the MPLS network.

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

22. The Contractor shall provide out-of-band emergency access capability for emergency access to the managed Layer 3 routing device. The solution shall include any data communications equipment as required.

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

23. Bidder shall confirm that its MPLS solution to be deployed for CALNET DNCS will provide fully managed Layer 3 routing device service bundles that include the following:

24. Layer 3 Routing Device Maintenance. Proactively detect, isolate and resolve hardware, software and firmware faults associated with the managed Layer 3 routing device and modem used for access to the managed Layer 3 routing device. The Contractor shall also respond to Customer reported faults. Layer 3 routing device maintenance shall be provided 24x7. If dispatch is required, a Field Service Repair Technician shall arrive within four hours of isolating the fault to the managed Layer 3 routing device. Customer shall be notified of Layer 3 routing device faults and be provided trouble status at one hour intervals.

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

25. Layer 3 Routing Device Monitoring. Proactively detect, isolate and resolve logical faults associated with the managed Layer 3 routing device. Layer 3 routing device monitoring shall be provided 24x7.

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

26. Layer 3 Routing Device Configuration Management. This includes passwords, access lists and configuration changes due to moves, adds, changes and deletes.

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

27. The Contractor shall provide full read only access to the managed Layer 3 routing device.

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

28. Network Monitoring. Proactively detect, isolate and resolve network faults. Network monitoring shall be provided 24x7. Customer shall be notified of network faults and be provided trouble status at one hour intervals.

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

20.2.8.1 Network Operations Center

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

The Contractor shall be responsible for the following:

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

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

2. Monitoring of Contractor's network performance in near real-time to identify capacity blockages and implement controls to optimize network health and performance immediately.

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

20.2.8.2 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 this requirement and shall meet or exceed it? Yes

20.2.9 MPLS Transport Speeds

Bidder's CALNET MPLS solution shall include transport options to one endpoint for each of the speeds detailed in Tables 20.2.9.1 through 20.2.9.5. The Bidder shall identify the delivery method in the Bidder's Product Description (e.g., Ethernet, T1, etc.) Pricing for each of these speeds shall be provided by the Bidder in the response to the Category Cost Worksheets. Alternative delivery methods that differ from those the Bidder has identified in Tables 20.2.9.1.a, 20.2.9.2.a, and 20.2.9.3.a may be proposed in the corresponding unsolicited tables.

20.2.9.1 MPLS Port Transport Speeds

Table 20.2.9.1.a – MPLS Port Transport Speeds

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	MPLS Port Service at 1 Mbps	MPLS Port service at minimum line rate of 1 Mbps	MPLS Port service at minimum line rate of 1 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19617	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.
2	MPLS Port service at 3 Mbps	MPLS Port service at minimum line rate of 3 Mbps	MPLS Port service at minimum line rate of 3 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19618	Yes
3	MPLS Port service at 4 Mbps	MPLS Port service at minimum line rate of 4 Mbps	MPLS Port service at minimum line rate of 4 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19619	Yes
4	MPLS Port service at 5 Mbps	MPLS Port service at minimum line rate of 5 Mbps	MPLS Port service at minimum line rate of 5 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	17995	Yes
5	MPLS Port service at 7 Mbps	MPLS Port service at minimum line rate of 7 Mbps	MPLS Port service at minimum line rate of 7 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19621	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	MPLS Port service at 9 Mbps	MPLS Port service at minimum line rate of 9 Mbps	MPLS Port service at minimum line rate of 9 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19623	Yes
7	MPLS Port service at 10 Mbps	MPLS Port service at minimum line rate of 10 Mbps	MPLS Port service at minimum line rate of 10 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	17999	Yes
8	MPLS Port service at 12 Mbps	MPLS Port service at minimum line rate of 12 Mbps	MPLS Port service at minimum line rate of 12 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18003	Yes
9	MPLS Port service at 15 Mbps	MPLS Port service at minimum line rate of 15 Mbps	MPLS Port service at minimum line rate of 15 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18005	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.
10	MPLS Port service at 20 Mbps	MPLS Port service at minimum line rate of 20 Mbps	MPLS Port service at minimum line rate of 20 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18007	Yes
11	MPLS Port service at 30 Mbps	MPLS Port service at minimum line rate of 30 Mbps	MPLS Port service at minimum line rate of 30 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18009	Yes
12	MPLS Port service at 40 Mbps	MPLS Port service at minimum line rate of 40 Mbps	MPLS Port service at minimum line rate of 40 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19624	Yes
13	MPLS Port service at 50 Mbps	MPLS Port service at minimum line rate of 50 Mbps	MPLS Port service at minimum line rate of 50 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18010	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.
14	MPLS Port service at 60 Mbps	MPLS Port service at minimum line rate of 60 Mbps	MPLS Port service at minimum line rate of 60 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19625	Yes
15	MPLS Port service at 70 Mbps	MPLS Port service at minimum line rate of 70 Mbps	MPLS Port service at minimum line rate of 70 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19626	Yes
16	MPLS Port service at 80 Mbps	MPLS Port service at minimum line rate of 80 Mbps	MPLS Port service at minimum line rate of 80 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19627	Yes
17	MPLS Port service at 90 Mbps	MPLS Port service at minimum line rate of 90 Mbps	MPLS Port service at minimum line rate of 90 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19628	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.
18	MPLS Port service at 100 Mbps	MPLS Port service at minimum line rate of 100 Mbps	MPLS Port service at minimum line rate of 100 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18014	Yes
19	MPLS Port service at 150 Mbps	MPLS Port service at minimum line rate of 150 Mbps	MPLS Port service at minimum line rate of 150 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	19629	Yes
20	MPLS Port service at 200 Mbps	MPLS Port service at minimum line rate of 200 Mbps	MPLS Port service at minimum line rate of 200 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18016	Yes
21	MPLS Port service at 250 Mbps	MPLS Port service at minimum line rate of 250 Mbps	MPLS Port service at minimum line rate of 250 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	20410	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.
22	MPLS Port service at 300 Mbps	MPLS Port service at minimum line rate of 300 Mbps	MPLS Port service at minimum line rate of 300 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18017	Yes
23	MPLS Port service at 400 Mbps	MPLS Port service at minimum line rate of 400 Mbps	MPLS Port service at minimum line rate of 400 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18018	Yes
24	MPLS Port service at 500 Mbps	MPLS Port service at minimum line rate of 500 Mbps	MPLS Port service at minimum line rate of 500 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18019	Yes
25	MPLS Port service at 600 Mbps	MPLS Port service at minimum line rate of 600 Mbps	MPLS Port service at minimum line rate of 600 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18020	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.
26	MPLS Port service at 700 Mbps	MPLS Port service at minimum line rate of 700 Mbps	MPLS Port service at minimum line rate of 700 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18022	Yes
27	MPLS Port service at 1 Gbps	MPLS Port service at minimum line rate of 1 Gbps	MPLS Port service at minimum line rate of 1 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	18025	Yes
28	MPLS Port service at 2 Gbps	MPLS Port service at minimum line rate of 2 Gbps	MPLS Port service at minimum line rate of 2 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21943	Yes
29	MPLS Port service at 3 Gbps	MPLS Port service at minimum line rate of 3 Gbps	MPLS Port service at minimum line rate of 3 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21945	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.
30	MPLS Port service at 4 Gbps	MPLS Port service at minimum line rate of 4 Gbps	MPLS Port service at minimum line rate of 4 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21947	Yes
31	MPLS Port service at 5 Gbps	MPLS Port service at minimum line rate of 5 Gbps	MPLS Port service at minimum line rate of 5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21949	Yes
32	MPLS Port service at 6 Gbps	MPLS Port service at minimum line rate of 6 Gbps	MPLS Port service at minimum line rate of 6 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21951	Yes
33	MPLS Port service at 7 Gbps	MPLS Port service at minimum line rate of 7 Gbps	MPLS Port service at minimum line rate of 7 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21953	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.
34	MPLS Port service at 8 Gbps	MPLS Port service at minimum line rate of 8 Gbps	MPLS Port service at minimum line rate of 8 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21955	Yes
35	MPLS Port service at 9 Gbps	MPLS Port service at minimum line rate of 9 Gbps	MPLS Port service at minimum line rate of 9 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21957	Yes
36	MPLS Port service at 10 Gbps	MPLS Port service at minimum line rate of 10 Gbps	MPLS Port service at minimum line rate of 10 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.	21959	Yes

The Contractor may offer additional unsolicited MPLS Port Transport Speeds in Table 20.2.9.1.b.

Table 20.2.9.1.b – Unsolicited MPLS Port Transport Speeds

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
1	MPLS Port Service at 1.544 Mbps	17986	MPLS Port Service at 1.544 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
2	MPLS Port Service at 3.088 Mbps	17990	MPLS Port Service at 3.088 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
3	MPLS Port Service at 4.632 Mbps	17992	MPLS Port Service at 4.632 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
4	MPLS Port Service at 6.176 Mbps	17994	MPLS Port Service at 6.176 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
5	MPLS Port Service at 7.720 Mbps	17996	MPLS Port Service at 7.720 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
6	MPLS Port Service at 9.264 Mbps	17998	MPLS Port Service at 9.264 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
7	MPLS Port Service at 10.808 Mbps	18001	MPLS Port Service at 10.808 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
8	MPLS Port Service at 45 Mbps	18013	MPLS Port Service at 45 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
9	MPLS Port Service at 155 Mbps	18015	MPLS Port Service at 155 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
10	MPLS Port Service at 622 Mbps	18021	MPLS Port Service at 622 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
11	MPLS Port Service at 6 Mbps	19620	MPLS Port Service at 6 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
12	MPLS Port Service at 8 Mbps	19622	MPLS Port Service at 8 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
13	MPLS Port Service at 900 Mbps	18024	MPLS Port Service at 900 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
14	MPLS Port Service at 25 Mbps	18008	MPLS Port Service at 25 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
15	MPLS Port Service at 75 Mbps	18011	MPLS Port Service at 75 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
16	MPLS Port Service at 450 Mbps	20401	MPLS Port Service at 450 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
17	MPLS Port Service at 800 Mbps	18023	MPLS Port Service at 800 Mbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
18	MPLS Port Service at 2.5 Gbps	21944	MPLS Port Service at 2.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
19	MPLS Port Service at 3.5 Gbps	21946	MPLS Port Service at 3.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
20	MPLS Port Service at 4.5 Gbps	21948	MPLS Port Service at 4.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
21	MPLS Port Service at 5.5 Gbps	21950	MPLS Port Service at 5.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
22	MPLS Port Service at 6.5 Gbps	21952	MPLS Port Service at 6.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
23	MPLS Port Service at 7.5 Gbps	21954	MPLS Port Service at 7.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
24	MPLS Port Service at 8.5 Gbps	21956	MPLS Port Service at 8.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
25	MPLS Port Service at 9.5 Gbps	21958	MPLS Port Service at 9.5 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
26	MPLS Port Service at 20 Gbps	98225	MPLS Port Service at 20 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
27	MPLS Port Service at 30 Gbps	98226	MPLS Port Service at 30 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
28	MPLS Port Service at 40 Gbps	98227	MPLS Port Service at 40 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
29	MPLS Port Service at 50 Gbps	98228	MPLS Port Service at 50 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
30	MPLS Port Service at 60 Gbps	98229	MPLS Port Service at 60 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.
31	MPLS Port Service at 100 Gbps	98233	MPLS Port Service at 100 Gbps. Class of Service options are included. Access must be ordered separately to connect the MPLS port. Access is subject to availability of facilities.

20.2.9.2 MPLS Port and Access Bundled Transport Speeds

Table 20.2.9.2.a – MPLS Port and Access Bundled Transport Speeds

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	MPLS Port and Access service at 1 Mbps	MPLS Port and Access service at minimum line rate of 1 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 1 Mbps. Class of Service options are included.	B7986	Yes
2	MPLS Port and Access service at 3 Mbps	MPLS Port and Access service at minimum line rate of 3 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 3 Mbps. Class of Service options are included.	B0002	Yes
3	MPLS Port and Access service at 4 Mbps	MPLS Port and Access service at minimum line rate of 4 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 4 Mbps. Class of Service options are included.	B4111	Yes
4	MPLS Port and Access service at 5 Mbps	MPLS Port and Access service at minimum line rate of 5 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 5 Mbps. Class of Service options are included.	B5111	Yes
5	MPLS Port and Access service at 7 Mbps	MPLS Port and Access service at minimum line rate of 7 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 7 Mbps. Class of Service options are included.	B7111	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	MPLS Port and Access service at 9 Mbps	MPLS Port and Access service at minimum line rate of 9 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 9 Mbps. Class of Service options are included.	B9111	Yes
7	MPLS Port and Access service at 10 Mbps	MPLS Port and Access service at minimum line rate of 10 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 10 Mbps. Class of Service options are included.	B1011	Yes
8	MPLS Port and Access service at 12 Mbps	MPLS Port and Access service at minimum line rate of 12 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 12 Mbps. Class of Service options are included.	B12111	Yes
9	MPLS Port and Access service at 15 Mbps	MPLS Port and Access service at minimum line rate of 15 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 15 Mbps. Class of Service options are included.	B15111	Yes
10	MPLS Port and Access service at 20 Mbps	MPLS Port and Access service at minimum line rate of 20 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 20 Mbps. Class of Service options are included.	B2011	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
11	MPLS Port and Access service at 30 Mbps	MPLS Port and Access service at minimum line rate of 30 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 30 Mbps. Class of Service options are included.	B3011	Yes
12	MPLS Port and Access service at 40 Mbps	MPLS Port and Access service at minimum line rate of 40 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 40 Mbps. Class of Service options are included.	B4011	Yes
13	MPLS Port and Access service at 50 Mbps	MPLS Port and Access service at minimum line rate of 50 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 50 Mbps. Class of Service options are included.	B5011	Yes
14	MPLS Port and Access service at 60 Mbps	MPLS Port and Access service at minimum line rate of 60 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 60 Mbps. Class of Service options are included.	B6011	Yes
15	MPLS Port and Access service at 70 Mbps	MPLS Port and Access service at minimum line rate of 70 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 70 Mbps. Class of Service options are included.	B7011	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
16	MPLS Port and Access service at 80 Mbps	MPLS Port and Access service at minimum line rate of 80 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 80 Mbps. Class of Service options are included.	B8011	Yes
17	MPLS Port and Access service at 90 Mbps	MPLS Port and Access service at minimum line rate of 90 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 90 Mbps. Class of Service options are included.	B9011	Yes
18	MPLS Port and Access service at 100 Mbps	MPLS Port and Access service at minimum line rate of 100 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 100 Mbps. Class of Service options are included.	B1001	Yes
19	MPLS Port and Access service at 150 Mbps	MPLS Port and Access service at minimum line rate of 150 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 150 Mbps. Class of Service options are included.	B1501	Yes
20	MPLS Port and Access service at 200 Mbps	MPLS Port and Access service at minimum line rate of 200 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 200 Mbps. Class of Service options are included.	B2001	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
21	MPLS Port and Access service at 250 Mbps	MPLS Port and Access service at minimum line rate of 250 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 250 Mbps. Class of Service options are included.	B2501	Yes
22	MPLS Port and Access service at 300 Mbps	MPLS Port and Access service at minimum line rate of 300 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 300 Mbps. Class of Service options are included.	B3001	Yes
23	MPLS Port and Access service at 400 Mbps	MPLS Port and Access service at minimum line rate of 400 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 400 Mbps. Class of Service options are included.	B4001	Yes
24	MPLS Port and Access service at 500 Mbps	MPLS Port and Access service at minimum line rate of 500 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 500 Mbps. Class of Service options are included.	B5001	Yes
25	MPLS Port and Access service at 600 Mbps	MPLS Port and Access service at minimum line rate of 600 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 600 Mbps. Class of Service options are included.	B6001	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
26	MPLS Port and Access service at 700 Mbps	MPLS Port and Access service at minimum line rate of 700 Mbps	MPLS Port and Access on-net bundled service at minimum line rate of 700 Mbps. Class of Service options are included.	B7001	Yes
27	MPLS Port and Access service at 1 Gbps	MPLS Port and Access service at minimum line rate of 1 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 1 Gbps. Class of Service options are included.	B1222	Yes
28	MPLS Port and Access service at 2 Gbps	MPLS Port and Access service at minimum line rate of 2 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 2 Gbps. Class of Service options are included.	B2222	Yes
29	MPLS Port and Access service at 3 Gbps	MPLS Port and Access service at minimum line rate of 3 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 3 Gbps. Class of Service options are included.	B3222	Yes
30	MPLS Port and Access service at 4 Gbps	MPLS Port and Access service at minimum line rate of 4 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 4 Gbps. Class of Service options are included.	B4222	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
31	MPLS Port and Access service at 5 Gbps	MPLS Port and Access service at minimum line rate of 5 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 5 Gbps. Class of Service options are included.	B5222	Yes
32	MPLS Port and Access service at 6 Gbps	MPLS Port and Access service at minimum line rate of 6 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 6 Gbps. Class of Service options are included.	B6222	Yes
33	MPLS Port and Access service at 7 Gbps	MPLS Port and Access service at minimum line rate of 7 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 7 Gbps. Class of Service options are included.	B7222	Yes
34	MPLS Port and Access service at 8 Gbps	MPLS Port and Access service at minimum line rate of 8 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 8 Gbps. Class of Service options are included.	B8222	Yes
35	MPLS Port and Access service at 9 Gbps	MPLS Port and Access service at minimum line rate of 9 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 9 Gbps. Class of Service options are included.	B9222	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
36	MPLS Port and Access service at 10 Gbps	MPLS Port and Access service at minimum line rate of 10 Gbps	MPLS Port and Access on-net bundled service at minimum line rate of 10 Gbps. Class of Service options are included.	B1022	Yes

The Contractor may offer additional unsolicited MPLS Port and Access Transport Speeds in Table 20.2.9.2.b.

Table 20.2.9.2.b – Unsolicited MPLS Port and Access Bundled Transport Speeds

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
1	MPLS Port and Access service at 3.088 Mbps	B7990	MPLS Port and Access bundled service at 3.088 Mbps. Class of Service options are included.
2	MPLS Port and Access service at 4.632 Mbps	B7992	MPLS Port and Access bundled service at 4.632 Mbps. Class of Service options are included.
3	MPLS Port and Access service at 6.176 Mbps	B7994	MPLS Port and Access bundled service at 6.176 Mbps. Class of Service options are included.
4	MPLS Port and Access service at 7.720 Mbps	B7996	MPLS Port and Access bundled service at 7.720 Mbps. Class of Service options are included.
5	MPLS Port and Access service at 9.264 Mbps	B7998	MPLS Port and Access bundled service at 9.264 Mbps. Class of Service options are included.
6	MPLS Port and Access service at 12.352 Mbps	B8003	MPLS Port and Access bundled service at 12.352 Mbps. Class of Service options are included.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
7	MPLS Port and Access service at 25 Mbps	B8008	MPLS Port and Access bundled service at 25 Mbps. Class of Service options are included.
8	MPLS Port and Access service at 45 Mbps	B8013	MPLS Port and Access bundled service at 45 Mbps. Class of Service options are included.

20.2.9.3 MPLS Port, Access and Layer 3 Routing Device Bundled Transport Speeds

Table 20.2.9.3.a – MPLS Port, Access and Layer 3 Routing Device Bundled Transport Speeds

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	MPLS port, access and Layer 3 routing device bundled service at 1 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 1 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 1 Mbps. Class of Service options are included.	BM007	Yes
2	MPLS port, access and Layer 3 routing device bundled service at 3 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 3 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 3 Mbps. Class of Service options are included.	BM006	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	MPLS port, access and Layer 3 routing device bundled service at 4 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 4 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 4 Mbps. Class of Service options are included.	BE104	Yes
4	MPLS port, access and Layer 3 routing device bundled service at 5 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 5 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 5 Mbps. Class of Service options are included.	BE105	Yes
5	MPLS port, access and Layer 3 routing device bundled service at 7 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 7 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 7 Mbps. Class of Service options are included.	BE107	Yes
6	MPLS port, access and Layer 3 routing device bundled service at 9 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 9 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 9 Mbps. Class of Service options are included.	BE109	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	MPLS port, access and Layer 3 routing device bundled service at 10 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 10 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 10 Mbps. Class of Service options are included.	BE110	Yes
8	MPLS port, access and Layer 3 routing device bundled service at 12 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 12 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 12 Mbps. Class of Service options are included.	BE158	Yes
9	MPLS port, access and Layer 3 routing device bundled service at 15 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 15 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 15 Mbps. Class of Service options are included.	BE159	Yes
10	MPLS port, access and Layer 3 routing device bundled service at 20 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 20 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 20 Mbps. Class of Service options are included.	BE111	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
11	MPLS port, access and Layer 3 routing device bundled service at 30 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 30 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 30 Mbps. Class of Service options are included.	BE112	Yes
12	MPLS port, access and Layer 3 routing device bundled service at 40 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 40 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 40 Mbps. Class of Service options are included.	BE113	Yes
13	MPLS port, access and Layer 3 routing device bundled service at 50 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 50 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 50 Mbps. Class of Service options are included.	BE114	Yes
14	MPLS port, access and Layer 3 routing device bundled service at 60 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 60 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 60 Mbps. Class of Service options are included.	BE115	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
15	MPLS port, access and Layer 3 routing device bundled service at 70 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 70 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 70 Mbps. Class of Service options are included.	BE116	Yes
16	MPLS port, access and Layer 3 routing device bundled service at 80 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 80 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 80 Mbps. Class of Service options are included.	BE117	Yes
17	MPLS port, access and Layer 3 routing device bundled service at 90 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 90 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 90 Mbps. Class of Service options are included.	BE118	Yes
18	MPLS port, access and Layer 3 routing device bundled service at 100 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 100 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 100 Mbps. Class of Service options are included.	BE119	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
19	MPLS port, access and Layer 3 routing device bundled service at 150 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 150 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 150 Mbps. Class of Service options are included.	BE120	Yes
20	MPLS port, access and Layer 3 routing device bundled service at 200 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 200 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 200 Mbps. Class of Service options are included.	BE121	Yes
21	MPLS port, access and Layer 3 routing device bundled service at 250 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 250 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 250 Mbps. Class of Service options are included.	BE122	Yes
22	MPLS port, access and Layer 3 routing device bundled service at 300 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 300 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 300 Mbps. Class of Service options are included.	BE123	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
23	MPLS port, access and Layer 3 routing device bundled service at 400 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 400 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 400 Mbps. Class of Service options are included.	BE124	Yes
24	MPLS port, access and Layer 3 routing device bundled service at 500 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 500 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 500 Mbps. Class of Service options are included.	BE126	Yes
25	MPLS port, access and Layer 3 routing device bundled service at 600 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 600 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 600 Mbps. Class of Service options are included.	BE127	Yes
26	MPLS port, access and Layer 3 routing device bundled service at 700 Mbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 700 Mbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 700 Mbps. Class of Service options are included.	BE128	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
27	MPLS port, access and Layer 3 routing device bundled service at 1 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 1 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 1 Gbps. Class of Service options are included.	BE131	Yes
28	MPLS port, access and Layer 3 routing device bundled service at 2 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 2 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 2 Gbps. Class of Service options are included.	BE132	Yes
29	MPLS port, access and Layer 3 routing device bundled service at 3 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 3 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 3 Gbps. Class of Service options are included.	BE134	Yes
30	MPLS port, access and Layer 3 routing device bundled service at 4 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 4 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 4 Gbps. Class of Service options are included.	BE136	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
31	MPLS port, access and Layer 3 routing device bundled service at 5 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 5 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 5 Gbps. Class of Service options are included.	BE138	Yes
32	MPLS port, access and Layer 3 routing device bundled service at 6 Gbps	MPLS port, access and Layer 3 routing device bundled service at a minimum line rate of 6 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at a minimum line rate of 6 Gbps. Class of Service options are included.	BE140	Yes
33	MPLS port, access and Layer 3 routing device bundled service at 7 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 7 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 7 Gbps. Class of Service options are included.	BE142	Yes
34	MPLS port, access and Layer 3 routing device bundled service at 8 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 8 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 8 Gbps. Class of Service options are included.	BE144	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
35	MPLS port, access and Layer 3 routing device bundled service at 9 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 9 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 9 Gbps. Class of Service options are included.	BE146	Yes
36	MPLS port, access and Layer 3 routing device bundled service at 10 Gbps	MPLS port, access and Layer 3 routing device bundled service at minimum line rate of 10 Gbps	MPLS port, access and Layer 3 routing device bundled on-net service at minimum line rate of 10 Gbps. Class of Service options are included.	BE148	Yes
37	Out-of-band access to the managed layer 3 routing device	Out-of-band emergency access capability for emergency access to the managed layer 3 routing device.	Modem for Out of Band (OOB) Management for MRS router replaces analog OOB modem included with router. Eliminates need to provide separate phone line. Can only be used with AT&T Managed Router Solution (MRS) in Category 20 or AT&T Managed Router Solution (MRS) in Category 23.	MROOB	Yes

The Contractor may offer additional unsolicited MPLS Port, Access and Layer 3 Routing Device Bundled Transport Speeds in Table 20.2.9.3.b.

Table 20.2.9.3.b – Unsolicited MPLS Port, Access and Layer 3 Routing Device Bundled Transport Speeds

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
1	MPLS port, access and Layer 3 routing device bundled service at 3.088 Mbps	BM008	MPLS port, access and Layer 3 routing device bundled service at 3.088 Mbps. Class of Service options are included.
2	MPLS port, access and Layer 3 routing device bundled service at 4.362 Mbps	BM009	MPLS port, access and Layer 3 routing device bundled service at 4.362 Mbps. Class of Service options are included.
3	MPLS port, access and Layer 3 routing device bundled service at 6.176 Mbps	BM013	MPLS port, access and Layer 3 routing device bundled service at 6.176 Mbps. Class of Service options are included.
4	MPLS port, access and Layer 3 routing device bundled service at 7.720 Mbps	BM011	MPLS port, access and Layer 3 routing device bundled service at 7.720 Mbps. Class of Service options are included.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
5	MPLS port, access and Layer 3 routing device bundled service at 9.264 Mbps	BM012	MPLS port, access and Layer 3 routing device bundled service at 9.264 Mbps. Class of Service options are included.
6	MPLS port, access and Layer 3 routing device bundled service at 12.352 Mbps	BM014	MPLS port, access and Layer 3 routing device bundled service at 12.352 Mbps. Class of Service options are included.
7	MPLS port, access and Layer 3 routing device bundled service at 25 Mbps	BM018	MPLS port, access and Layer 3 routing device bundled service at 25 Mbps. Class of Service options are included.
8	MPLS port, access and Layer 3 routing device bundled service at 45 Mbps	BM021	MPLS port, access and Layer 3 routing device bundled service at 45 Mbps. Class of Service options are included.
9	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 2 Mbps	BE102	MPLS port, on-net access and Layer 3 routing device bundled service at 2 Mbps. Class of Service options are included.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
10	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 6 Mbps	BE106	MPLS port, on-net access and Layer 3 routing device bundled service at 6 Mbps. Class of Service options are included.
11	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 8 Mbps	BE108	MPLS port, on-net access and Layer 3 routing device bundled service at 8 Mbps. Class of Service options are included.
12	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 450 Mbps	BE125	MPLS port, on-net access and Layer 3 routing device bundled service at 450 Mbps. Class of Service options are included.
13	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 800 Mbps	BE158	MPLS port, on-net access and Layer 3 routing device bundled service at 800 Mbps. Class of Service options are included.
14	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 900 Mbps	BE130	MPLS port, on-net access and Layer 3 routing device bundled service at 900 Mbps. Class of Service options are included.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
15	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 2.5 Gbps	BE133	MPLS port, on-net access and Layer 3 routing device bundled service at 2.5 Gbps. Class of Service options are included.
16	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 3.5 Gbps	BE135	MPLS port, on-net access and Layer 3 routing device bundled service at 3.5 Gbps. Class of Service options are included.
17	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 4.5 Gbps	BE137	MPLS port, on-net access and Layer 3 routing device bundled service at 4.5 Gbps. Class of Service options are included.
18	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 5.5 Gbps	BE139	MPLS port, on-net access and Layer 3 routing device bundled service at 5.5 Gbps. Class of Service options are included.
19	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 6.5 Gbps	BE141	MPLS port, on-net access and Layer 3 routing device bundled service at 6.5 Gbps. Class of Service options are included.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
20	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 7.5 Gbps	BE143	MPLS port, on-net access and Layer 3 routing device bundled service at 7.5 Gbps. Class of Service options are included.
21	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 8.5 Gbps	BE145	MPLS port, on-net access and Layer 3 routing device bundled service at 8.5 Gbps. Class of Service options are included.
22	MPLS port, access and Layer 3 routing device bundled Eth On-Net service at 9.5 Gbps	BE147	MPLS port, on-net access and Layer 3 routing device bundled service at 9.5 Gbps. Class of Service options are included.

20.2.9.4 MPLS Backup 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 this requirement and shall meet or exceed it? Yes

20.2.10 Additional Unsolicited MPLS Services and Features

The Bidder may offer additional unsolicited MPLS Services and Features in Table 20.2.10.

Table 20.2.10 – Unsolicited MPLS Services and Features

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
1	MPLS POP Diversity	MPOPDIV	MPLS port POP Diversity. AT&T will provision each group of MPLS Ports to switches or routers at a different AT&T POPs or group of AT&T POPs. An MPLS Port may not be included in more than one POP Diversity Group.
2	MPLS Port SDO	PORTSDO	MPLS Port Switch Diversity Option AT&T will provision each group of MPLS Ports to a different group of AT&T switches or routers at the same AT&T POP. An MPLS Port may not be included in more than one POP Diversity Group. Switch diversity is available up to 2 Gbps.
3	MPLS Unilink	PORTUNI	Multiple logical connections on MPLS port; Allows multiple logical connections on AVPN port.
4	Multi VPN Logical Channel Surcharge VPNs 1 - 20	23816	Multi VPN Logical Channel Surcharge VPNs 1 - 20
5	Multi VPN Logical Channel Surcharge VPNs 21 - 80	23817	Multi VPN Logical Channel Surcharge VPNs 21 - 80
6	Multi VPN Logical Channel Surcharge VPNs 81 - 150	23818	Multi VPN Logical Channel Surcharge VPNs 81 - 150
7	Multi VPN Logical Channel Surcharge VPNs 151 - 350	23819	Multi VPN Logical Channel Surcharge VPNs 151 - 350
8	Multi VPN Logical Channel Surcharge VPNs 351 - 500	23820	Multi VPN Logical Channel Surcharge VPNs 351 - 500

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
9	AVPN Managed Router – Very Small	18494	AVPN Managed Router (AT&T Owned) –Very Small. Installation of a Very Small size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Base router with 4 FE LAN ports and 1 Ethernet WAN port. Includes LTE wireless. Supports up to 10 Mbps throughput.
10	AVPN Managed Router - Basic	18495	AVPN Managed Router (AT&T Owned) -Basic. Installation of a Basic size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Supports 56kbps to 4xT1 WAN links.
11	AVPN Managed Router -Small	18496	AVPN Managed Router (AT&T Owned) -Small.Installation of a Small size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Supports 56kbps to 6xT1 WAN links.
12	AVPN Managed Router -Medium	18497	AVPN Managed Router -Medium. Installation of a Medium size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. 56kbps to 8xT1 or WAN links.
13	AVPN Managed Router- Large	18498	AVPN Managed Router (AT&T Owned) - Large .Installation of a Large size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			monitoring. Supports 56kbps to 8xT1, T3 or Ethernet to 100 Mbps WAN Link.
14	AVPN Managed Router - XLarge	18499	AVPN Managed Router (AT&T Owned) -XLarge .Installation of an XLarge size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Supports 56kbps to 8xT1, T3 or Ethernet to 100 Mbps WAN link.
15	AVPN Managed Router - XLarge +	18500	AVPN Managed Router (AT&T Owned) - XLarge +. Installation of an XLarge+ size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Supports 56kbps to 8xT1, T3, Ethernet to 200 Mbps, or OC3 WAN link.
16	AVPN Managed Router - XXLarge	19205	AVPN Managed Router (AT&T Owned) -XXLarge. Installation of an XXLarge size router, including basic inside wiring. Includes configuration, life-cycle maintenance and diagnostic monitoring. Supports 56 Kbps to 8xT1, T3, Ethernet to 1000 Mbps, OC3 or OC12 WAN link.
17	AVPN Managed Internal CSU - Internal T1	18488	AVPN Managed Internal CSU (AT&T Owned) - Internal T1. Per serial port (<=T1 w/ CSU function) added & used on the router for either Frame Relay or Private Line connectivity.
18	AVPN Managed Internal CSU-T3/DS3	18489	AVPN Managed Internal CSU (AT&T Owned) -T3/DS3. Per T3 port added & used on the router for Frame Relay connectivity.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
19	AVPN Managed Internal CSU - MLPPP	19926	AVPN Managed Internal CSU (AT&T Owned) - MLPPP. Per T1 port added & used on the router for MLPPP connectivity. One per MLPP port.
20	AVPN Managed Internal CSU- T3/DS3 PPP	19928	AVPN Managed Internal CSU (AT&T Owned) - Internal T3/DS3 PPP protocol. Per T3 port added & used on the router for Private Line (PPP or Frame Encap) connectivity.
21	AVPN Managed Internal CSU- Gig Eth- Low	21797	AVPN Managed Internal CSU (AT&T Owned) - Gig Ethernet - Low End. Gigabit Ethernet port with SFP LC connector and SX or LX/LH transceiver. Per port added.
22	AVPN Managed Internal CSU- Gig Eth - High	21798	AVPN Managed Internal CSU (AT&T Owned) - Gig Ethernet - High End. Gigabit Ethernet port Network Module with 1000BASE-T GBIC, or 1000BASE-SX Short Wavelength GBIC (Multimode only), or 1000BASE-LX/LH long haul GBIC (singlemode or multimode). Per port added.
23	AVPN Managed Internal CSU- Gig Eth Combo	21799	AVPN Managed Internal CSU (AT&T Owned) - Gig Ethernet Combo. Gigabit Ethernet port Network Module with 1000Base-ZX extended reach GBIC (singlemode). Per port added.
24	AVPN Managed Internal CSU - OC3/STM1 ATM	21903	AVPN Managed Internal CSU (AT&T Owned) - OC3/STM1 ATM. Per OC3 ATM ports added.
25	AVPN Managed Internal CSU- OC3/ STM1 PPP	21904	AVPN Managed Internal CSU (AT&T Owned) - OC3/ STM1 PPP. Per OC3 PPP ports added.
26	AVPN Managed Internal CSU- OC12/ STM4 PPP	21905	AVPN Managed Internal CSU (AT&T Owned) - OC12/ STM4 PPP. Per OC12 PPP ports added.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
27	AVPN Managed External CSU/DSU T1/E1	19933	External CSU/DSU per T1 port. V.35 connection to router. Required for Enhanced Reporting.
28	AVPN Managed External In-line Probe NXT1/E1 PPP	19935	External probed per NXT1 port for MLPPP connectivity. RJ45 connection to router. Required for Enhanced Reporting.
29	AVPN Managed External Probe T3/E3 FR	19937	External Probe per T3 FR port. Coax interface to router. Required for Enhanced Reporting.
30	AVPN Managed External Probe T3/E3 ATM	19936	External Probe per T3 ATM port. Coax interface to router. Required for Enhanced Reporting.
31	AVPN Managed External Probe T3/E3 PPP	19938	External CSU per T3 PPP port. Coax interface to router. Required for Enhanced Reporting.
32	AVPN Managed External Probe 10/100 Mbps	22663	External Probe per Ethernet 10/100 port. RJ-45 connection to router. Required for Enhanced Reporting.
33	AVPN Managed External Probe 1 Gbps Ethernet	22664	External Probe per Ethernet 1 Gbps port. Fiber connection to router. Required for Enhanced Reporting.
34	AVPN Managed Enhanced Reports	19947	Enhanced network performance reporting. Requires external CSU/DSU or probe. Per CSU/DSU or probe. External CSU is required for AVPN Managed Enhanced Reports
35	AVPN Managed Router - Add Protocol Support	18502	AVPN Managed (AT&T Owned) Router - Additional Protocol Support. SNA or IPX - Includes cost for additional IOS feature set required. In some cases additional router memory may be required in order to hold the IOS and allow the router to function. These additional memory costs are NOT covered under this charge, but will be charged under the Additional Memory feature

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
36	AVPN Managed Router- Add Serial Port	18517	AVPN Managed (AT&T Owned) Router - Additional Serial Port. Per serial port added & used on the router
37	AVPN Managed Router- Add LAN Port	18518	AVPN Managed (AT&T Owned) Router - Additional LAN Port .Per card added & used Token Ring, ethernet or Fast ethernet port in use on the router
38	AVPN Managed Router- Add Memory XL	18516	AVPN Managed (AT&T Owned) Router - Additional Memory up to XL All available memory above the defaults are available at additional monthly recurring charge
39	AVPN Managed Router- Add Memory XL+	21906	AVPN Managed (AT&T Owned) Router - Additional Memory XL+. All available memory above the defaults are available at additional monthly recurring charge.
40	AT&T Managed Router- Dual Power XL	23012	AT&T Managed (AT&T Owned) Router - Dual Power up to XL Added for routers equipped with dual power supplies.
41	AT&T Managed Router- Dual Power XL+	21908	AT&T Managed (AT&T Owned) Router - Dual Power XL+ Added for routers equipped with dual power supplies.
42	AT&T Managed Router- Dual Power XXL	21909	AT&T Managed (AT&T Owned) Router - Dual Power XXL. Added for routers equipped with dual power supplies.
43	AVPN Managed Router- ISDN Backup BRI	19728	AVPN Managed (AT&T Owned) Router- ISDN Backup BRI.Per BRI port in use on the router.
44	AVPN Managed Router-ISDN Backup PRI	19729	AVPN Managed (AT&T Owned) Router-ISDN Backup PRI. Per PRI port in use on the router

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
45	AT&T Managed Router-Multicast	22698	AT&T Managed (AT&T Owned) Router - Multicast .Added for routers configured with multicast feature.
46	AVPN Managed-CSU Internal-Mobility	90081	4G LTE EHWIC for ATT, 700 MHz Band 17 / HSPA+ for AVPN managed router.
47	AVPN Managed Router Mobility-Failover-Low	90084	Wireless connection for sites with primary wireline access = 1M Ethernet & ≤ 1.5M (T1). Requires AVPN Managed Router with 90081, or AVPN Managed Very Small Router. AVPN Site Survey form - which confirms adequate signal strength - must be submitted to AT&T prior to test and turn-up. Customer self-survey available.
48	AVPN Managed Router Mobility-Failover-High	90088	For sites with primary wireline access = 2-5M Ethernet & 2xT1, 3xT1. Requires AVPN Managed Router with 90081, or AVPN Managed Very Small Router. AVPN Site Survey form – which confirms adequate signal strength - must be submitted to AT&T prior to test and turn-up. Customer self-survey available.
49	ANIRA – VPN Manage Fee	16940	ANIRA Monthly management fee for remote access users using Internet access. The AT&T Network Based IP VPN Remote Access (ANIRA) provides the ability to access AVPN. This service will provide remote access to AVPN. Customers using ANIRA can connect to a private VPN via wired or wireless internet service using the AT&T Global Network (AGN) Client. ANIRA uses dial-up, broadband

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			(AT&T DSL or any third party), Wi-Fi, or cellular broadband to remotely access your data network without needing special VPN routers. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
50	ANIRA – Connection Type III 1 Mbps	22898	ANIRA – Bandwidth Connection Charge 1 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
51	ANIRA – Connection Type III 1.5 Mbps	22899	ANIRA – Bandwidth Connection Charge 1.5 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
52	ANIRA – Connection Type III 2 Mbps	22900	ANIRA – Bandwidth Connection Charge 2 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			with AT&T MPLS Port services in Category 20.
53	ANIRA – Connection Type III 3 Mbps	22901	ANIRA – Bandwidth Connection Charge 3 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
54	ANIRA – Connection Type III 4 Mbps	22902	ANIRA – Bandwidth Connection Charge 4 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
55	ANIRA – Connection Type III 5 Mbps	22903	ANIRA – Bandwidth Connection Charge 5 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
56	ANIRA – Connection Type III 6 Mbps	22904	ANIRA – Bandwidth Connection Charge 6 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
57	ANIRA – Connection Type III 7 Mbps	22905	ANIRA – Bandwidth Connection Charge 7 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
58	ANIRA – Connection Type III 8 Mbps	22906	ANIRA – Bandwidth Connection Charge 8 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
59	ANIRA – ConnectionType III 9 Mbps	22907	ANIRA – Bandwidth Connection Charge 9 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
60	ANIRA – Connection Type III 10 Mbps	22908	ANIRA – Bandwidth Connection Charge 10 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
61	ANIRA – Connection Type III 20 Mbps	22909	ANIRA – Bandwidth Connection Charge 20 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
62	ANIRA – Connection Type III 30 Mbps	22910	ANIRA – Bandwidth Connection Charge 30 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
63	ANIRA – Connection Type III 40 Mbps	22911	ANIRA – Bandwidth Connection Charge 40 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
64	ANIRA – Connection Type III 50 Mbps	22912	ANIRA – Bandwidth Connection Charge 50 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
65	ANIRA – Connection Type III 60 Mbps	22913	ANIRA – Bandwidth Connection Charge 60 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
66	ANIRA – Connection Type III 70 Mbps	22914	ANIRA – Bandwidth Connection Charge 70 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
67	ANIRA – Connection Type III 80 Mbps	22915	ANIRA – Bandwidth Connection Charge 80 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
68	ANIRA – Connection Type III 90 Mbps	22916	ANIRA – Bandwidth Connection Charge 90 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
69	ANIRA – Connection Type III 100 Mbps	22917	ANIRA – Bandwidth Connection Charge 100 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
70	ANIRA – Connection Type III 200 Mbps	22918	ANIRA – Bandwidth Connection Charge 200 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
71	ANIRA – Connection Type III 500 Mbps	22921	ANIRA – Bandwidth Connection Charge 500 Mbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
72	ANIRA – Connection Type III 1 Gbps	24866	ANIRA – Bandwidth Connection Charge 1 Gbps. Connection to support aggregate bandwidth between gateway (VIG) and VPN. Monthly charge for redundant virtual connection from gateway to VPN. Sized for aggregate peak usage of connections per VPN. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
73	ANIRA SOHO Hi-end CPE	19239	ANIRA SOHO Hi-end CPE. AT&T Owned and managed multi-user remote access device. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
74	Primary Network Based Firewall	NBFWP	AT&T-Primary NBFW Service will enable businesses to support and enforce sophisticated network Security Policies from one or more of the AT&T Internet Data Centers where the Network Based Security platform reside, also referred to as the Security Data Center (SDC). Customers are able to more efficiently implement a consistent Security Policy for multiple sites. Network Based Firewall enforces traffic separation among Customers by enabling Virtual Local Area Network (VLAN) tagging. For Customers who wish to make use of the AT&T Network Based Firewall service, AT&T will establish a Private Virtual Circuit (PVC) from a Customer location to the service in order to filter the traffic coming in or going to the Internet. The type of PVC will vary based on the Customer's WAN architecture. Traffic separation is designed to occur without tunneling or encryption. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
75	Enhanced Network Based Firewall	NBFWE	AT&T-Enhance NBFW Service will enable businesses to support and enforce sophisticated network Security Policies from one or more of the AT&T Internet Data Centers where the Network Based Security platform reside, also referred to as the Security Data Center (SDC). Customers are able to more efficiently implement a consistent Security Policy for multiple sites. Network Based Firewall enforces traffic separation among Customers by enabling Virtual Local Area Network (VLAN) tagging. For Customers who wish to make use of the AT&T Network Based Firewall service, AT&T will establish a Private Virtual Circuit (PVC) from a Customer location to the service in order to filter the traffic coming in or going to the Internet. The type of PVC will vary based on the Customer's WAN architecture. Traffic separation is designed to occur without tunneling or encryption. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
76	Additional Public IP Addresses (2)	NBFWIP	Additional Public IPv4 Addresses (blocks of 2).If more than the allocated number of IPv4 addresses for the chosen Service Level are needed, extra IP addresses can be requested.
77	NBFW Bandwidth 1 Mbps	NBFW1	NBFW Bandwith between the VPN and Network-Based Firewall 1 Mbps. Must be combined with either the Primary NBFW or

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
78	NBFW Bandwidth 2 Mbps	NBFW2	NBFW Bandwith between the VPN and Network-Based Firewall 2 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
79	NBFW Bandwidth 3 Mbps	NBFW3	NBFW Bandwith between the VPN and Network-Based Firewall 3 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
80	NBFW Bandwidth 4 Mbps	NBFW4	NBFW Bandwith between the VPN and Network-Based Firewall 4 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
81	NBFW Bandwidth 5 Mbps	NBFW5	NBFW Bandwith between the VPN and Network-Based Firewall 5 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
82	NBFW Bandwidth 6 Mbps	NBFW6	NBFW Bandwith between the VPN and Network-Based Firewall 6 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
83	NBFW Bandwidth 7 Mbps	NBFW7	NBFW Bandwith between the VPN and Network-Based Firewall 7 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
84	NBFW Bandwidth 8 Mbps	NBFW8	NBFW Bandwith between the VPN and Network-Based Firewall 8 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
85	NBFW Bandwidth 9 Mbps	NBFW9	NBFW Bandwith between the VPN and Network-Based Firewall 9 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
86	NBFW Bandwidth 10 Mbps	NBFW10	NBFW Bandwith between the VPN and Network-Based Firewall 10 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
87	NBFW Bandwidth 20 Mbps	NBFW11	NBFW Bandwith between the VPN and Network-Based Firewall 20 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
88	NBFW Bandwidth 30 Mbps	NBFW12	NBFW Bandwith between the VPN and Network-Based Firewall 30 Mbps. Must be combined with either the Primary NBFW or

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
89	NBFW Bandwidth 40 Mbps	NBFW13	NBFW Bandwith between the VPN and Network-Based Firewall 40 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
90	NBFW Bandwidth 50 Mbps	NBFW14	NBFW Bandwith between the VPN and Network-Based Firewall 50 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
91	NBFW Bandwidth 60 Mbps	NBFW15	NBFW Bandwith between the VPN and Network-Based Firewall 60 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
92	NBFW Bandwidth 70 Mbps	NBFW16	NBFW Bandwith between the VPN and Network-Based Firewall 70 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
93	NBFW Bandwidth 80 Mbps	NBFW17	NBFW Bandwith between the VPN and Network-Based Firewall 80 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

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94	NBFW Bandwidth 90 Mbps	NBFW18	NBFW Bandwith between the VPN and Network-Based Firewall 90 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
95	NBFW Bandwidth 100 mbps	NBFW19	NBFW Bandwith between the VPN and Network-Based Firewall 100 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
96	NBFW Bandwidth 150 Mbps	NBFW20	NBFW Bandwith between the VPN and Network-Based Firewall 150 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
97	NBFW Bandwidth 200 Mbps	NBFW21	NBFW Bandwith between the VPN and Network-Based Firewall 200 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
98	NBFW Bandwidth 250 Mbps	NBFW22	NBFW Bandwith between the VPN and Network-Based Firewall 250 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
99	NBFW Bandwidth 300 Mbps	NBFW23	NBFW Bandwith between the VPN and Network-Based Firewall 300 Mbps. Must be combined with either the Primary NBFW or

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			Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
100	NBFW Bandwidth 400 Mbps	NBFW24	NBFW Bandwith between the VPN and Network-Based Firewall 400 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
101	NBFW Bandwidth 450 Mbps	NBFW25	NBFW Bandwith between the VPN and Network-Based Firewall 450 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
102	NBFW Bandwidth 500 Mbps	NBFW26	NBFW Bandwith between the VPN and Network-Based Firewall 500 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
103	NBFW Bandwidth 600 Mbps	NBFW27	NBFW Bandwith between the VPN and Network-Based Firewall 600 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
104	NBFW Bandwidth 700 Mbps	NBFW28	NBFW Bandwith between the VPN and Network-Based Firewall 700 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.

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105	NBFW Bandwidth 800 Mbps	NBFW29	NBFW Bandwith between the VPN and Network-Based Firewall 800 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
106	NBFW Bandwidth 900 Mbps	NBFW30	NBFW Bandwith between the VPN and Network-Based Firewall 900 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
107	NBFW Bandwidth 1,000 Mbps	NBFW31	NBFW Bandwith between the VPN and Network-Based Firewall 1,000 Mbps. Must be combined with either the Primary NBFW or Enhanced NBFW. Can only be used in conjunction with AT&T MPLS Port services in Category 20.
108	Netbond Standard VNC - 1Mb	NBOND1	Netbond Standard VNC - 1Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
109	Netbond Standard VNC - 3Mb	NBOND2	Netbond Standard VNC - 3Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
110	Netbond Standard VNC - 10Mb	NBOND3	Netbond Standard VNC - 10Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
111	Netbond Standard VNC - 25Mb	NBOND4	Netbond Standard VNC - 25Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
112	Netbond Standard VNC - 40Mb	NBOND5	Netbond Standard VNC - 40Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
113	Netbond Standard VNC - 100Mb	NBOND6	Netbond Standard VNC - 100Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
114	Netbond Standard VNC - 155Mb	NBOND7	Netbond Standard VNC - 155Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
115	Netbond Standard VNC - 300Mb	NBOND8	Netbond Standard VNC - 300Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
116	Netbond Standard VNC - 600Mb	NBOND9	Netbond Standard VNC - 600Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
117	Netbond Standard VNC - 800Mb	NBOND10	Netbond Standard VNC - 800Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
118	Netbond Standard VNC - 1,000Mb	NBOND11	Netbond Standard VNC - 1,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
119	Netbond Standard VNC - 2,000Mb	NBOND12	Netbond Standard VNC - 2,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
120	Netbond Standard VNC - 3,000Mb	NBOND13	Netbond Standard VNC - 3,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
121	Netbond Standard VNC - 4,000Mb	NBOND14	Netbond Standard VNC - 4,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
122	Netbond Standard VNC - 5,000Mb	NBOND15	Netbond Standard VNC - 5,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network

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			transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.
123	Netbond Standard VNC Overage - 1Mb	NBOND16	Netbond Standard VNC Overage - 1Mb. Calculated usage over the Minimum Bandwidth Commitment.
124	Netbond Standard VNC Overage - 3Mb	NBOND17	Netbond Standard VNC Overage - 3Mb. Calculated usage over the Minimum Bandwidth Commitment.
125	Netbond Standard VNC Overage - 10Mb	NBOND18	Netbond Standard VNC Overage - 10Mb. Calculated usage over the Minimum Bandwidth Commitment.
126	Netbond Standard VNC Overage - 25Mb	NBOND19	Netbond Standard VNC Overage - 25Mb. Calculated usage over the Minimum Bandwidth Commitment.
127	Netbond Standard VNC Overage - 40Mb	NBOND20	Netbond Standard VNC Overage - 40Mb. Calculated usage over the Minimum Bandwidth Commitment.
128	Netbond Standard VNC	NBOND21	Netbond Standard VNC Overage - 100Mb. Calculated usage over the Minimum Bandwidth Commitment.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	Overage - 100Mb		
129	Netbond Standard VNC Overage - 155Mb	NBOND22	Netbond Standard VNC Overage - 155Mb. Calculated usage over the Minimum Bandwidth Commitment.
130	Netbond Standard VNC Overage - 300Mb	NBOND23	Netbond Standard VNC Overage - 300Mb. Calculated usage over the Minimum Bandwidth Commitment.
131	Netbond Standard VNC Overage - 600Mb	NBOND24	Netbond Standard VNC Overage - 600Mb. Calculated usage over the Minimum Bandwidth Commitment.
132	Netbond Standard VNC Overage - 800Mb	NBOND25	Netbond Standard VNC Overage - 800Mb. Calculated usage over the Minimum Bandwidth Commitment.
133	Netbond Standard VNC Overage - 1000Mb	NBOND26	Netbond Standard VNC Overage - 1000Mb. Calculated usage over the Minimum Bandwidth Commitment.
134	Netbond Standard VNC Overage - 2000Mb	NBOND27	Netbond Standard VNC Overage - 2000Mb. Calculated usage over the Minimum Bandwidth Commitment.
135	Netbond Standard VNC Overage - 3000Mb	NBOND28	Netbond Standard VNC Overage - 3000Mb. Calculated usage over the Minimum Bandwidth Commitment.
136	Netbond Standard VNC Overage - 4000Mb	NBOND29	Netbond Standard VNC Overage - 4000Mb. Calculated usage over the Minimum Bandwidth Commitment.
137	Netbond Standard VNC Overage - 5000Mb	NBOND30	Netbond Standard VNC Overage - 5000Mb. Calculated usage over the Minimum Bandwidth Commitment.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
138	Netbond Premium VNC - 1Mb	NBOND31	Netbond Premium VNC - 1Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
139	Netbond Premium VNC - 3Mb	NBOND32	Netbond Premium VNC - 3Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
140	Netbond Premium VNC - 10Mb	NBOND33	Netbond Premium VNC - 10Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
141	Netbond Premium VNC - 25Mb	NBOND34	Netbond Premium VNC - 25Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
142	Netbond Premium VNC - 40Mb	NBOND35	Netbond Premium VNC - 40Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
143	Netbond Premium VNC - 100Mb	NBOND36	Netbond Premium VNC - 100Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
144	Netbond Premium VNC - 155Mb	NBOND37	Netbond Premium VNC - 155Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
145	Netbond Premium VNC - 300Mb	NBOND38	Netbond Premium VNC - 300Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
146	Netbond Premium VNC - 600Mb	NBOND39	Netbond Premium VNC - 600Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
147	Netbond Premium VNC - 800Mb	NBOND40	Netbond Premium VNC - 800Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
148	Netbond Premium VNC - 1,000Mb	NBOND41	Netbond Premium VNC - 1,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
149	Netbond Premium VNC - 2,000Mb	NBOND42	Netbond Premium VNC - 2,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
150	Netbond Premium VNC - 3,000Mb	NBOND43	Netbond Premium VNC - 3,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
151	Netbond Premium VNC - 4,000Mb	NBOND44	Netbond Premium VNC - 4,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&TNetbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
152	Netbond Premium VNC - 5,000Mb	NBOND45	Netbond Premium VNC - 5,000Mb. AT&T NetBond Service provides a private virtual IP network connection between a supported cloud service and a supported AT&T network service using Virtual Network Connections (VNCs) provided by AT&T. The primary service component of AT&T NetBond are Virtual Network Connections. Virtual Network Connections (VNCs) are dynamically provisioned VLAN-based connections between a supported AT&T network service and supported cloud services. A VNC provides a logical data path within a shared IP-based network transport infrastructure, connecting the Customer AT&T network service to supported cloud service resources assigned by the supported cloud service provider. The VNC supports any-to-any connectivity associated with the supported AT&T network service to the supported cloud service provider platform. Only connections between a supported AT&T network service and supported cloud services (not part of Netbond Service) are available. Orders for AT&T NetBond Service are requested using the AT&T Netbond Portal. Service Activation for AT&T NetBond Service occurs upon notice by AT&T to Customer that the VNC is available for use by Customer.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
153	Netbond Premium VNC Overage - 1Mb	NBOND46	Netbond Premium VNC Overage - 1Mb. Calculated usage over the Minimum Bandwidth Commitment.
154	Netbond Premium VNC Overage - 3Mb	NBOND47	Netbond Premium VNC Overage - 3Mb. Calculated usage over the Minimum Bandwidth Commitment.
155	Netbond Premium VNC Overage - 10Mb	NBOND48	Netbond Premium VNC Overage - 10Mb. Calculated usage over the Minimum Bandwidth Commitment.
156	Netbond Premium VNC Overage - 25Mb	NBOND49	Netbond Premium VNC Overage - 25Mb. Calculated usage over the Minimum Bandwidth Commitment.
157	Netbond Premium VNC Overage - 40Mb	NBOND50	Netbond Premium VNC Overage - 40Mb. Calculated usage over the Minimum Bandwidth Commitment.
158	Netbond Premium VNC Overage - 100Mb	NBOND51	Netbond Premium VNC Overage - 100Mb. Calculated usage over the Minimum Bandwidth Commitment.
159	Netbond Premium VNC Overage - 155Mb	NBOND52	Netbond Premium VNC Overage - 155Mb. Calculated usage over the Minimum Bandwidth Commitment.
160	Netbond Premium VNC Overage - 300Mb	NBOND53	Netbond Premium VNC Overage - 300Mb. Calculated usage over the Minimum Bandwidth Commitment.
161	Netbond Premium VNC Overage - 600Mb	NBOND54	Netbond Premium VNC Overage - 600Mb. Calculated usage over the Minimum Bandwidth Commitment.
162	Netbond Premium VNC Overage - 800Mb	NBOND55	Netbond Premium VNC Overage - 800Mb. Calculated usage over the Minimum Bandwidth Commitment.
163	Netbond Premium VNC Overage - 1000Mb	NBOND56	Netbond Premium VNC Overage - 1000Mb. Calculated usage over the Minimum Bandwidth Commitment.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
164	Netbond Premium VNC Overage - 2000Mb	NBOND57	Netbond Premium VNC Overage - 2000Mb. Calculated usage over the Minimum Bandwidth Commitment.
165	Netbond Premium VNC Overage - 3000Mb	NBOND58	Netbond Premium VNC Overage - 3000Mb. Calculated usage over the Minimum Bandwidth Commitment.
166	Netbond Premium VNC Overage - 4000Mb	NBOND59	Netbond Premium VNC Overage - 4000Mb. Calculated usage over the Minimum Bandwidth Commitment.
167	Netbond Premium VNC Overage - 5000Mb	NBOND60	Netbond Premium VNC Overage - 5000Mb. Calculated usage over the Minimum Bandwidth Commitment.
168	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 256 kbps duplex	VSAT1	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
169	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 512 kbps duplex	VSAT2	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
170	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 1Mbps duplex	VSAT3	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
171	Private Contention or Dedicated VSAT Service (Layer 2	VSAT4	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	or Layer 3)1.5 Mbps duplex		
172	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 2Mbps duplex	VSAT5	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
173	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 5Mbps duplex	VSAT6	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
174	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) 10Mbps duplex	VSAT7	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
175	10:1 Contention VSAT Service (Layer 2 or Layer 3) 256 kbps duplex burst	VSAT8	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
176	10:1 Contention VSAT Service (Layer 2 or Layer 3) 512 kbps duplex burst	VSAT9	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
177	10:1 Contention VSAT Service (Layer 2 or Layer 3) 1Mbps duplex burst	VSAT10	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
178	10:1 Contention VSAT Service (Layer 2 or Layer	VSAT11	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	3)1.5 Mbps duplex burst		
179	10:1 Contention VSAT Service (Layer 2 or Layer 3) 2Mbps duplex burst	VSAT12	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
180	10:1 Contention VSAT Service (Layer 2 or Layer 3) 5Mbps duplex burst	VSAT13	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
181	10:1 Contention VSAT Service (Layer 2 or Layer 3) 10Mbps duplex burst	VSAT14	Private Contention or Dedicated VSAT Service to WAN. May require additional managed router or port depending on configuration
182	Private Contention Monthly per site in private route	VSAT15	Remote monthly fee for private satellite networks
183	Private Contention per site Unlmited on site support	VSAT16	Customer may opt for per event support charges
184	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) Custom (up to 10Mbps duplex)	VSAT17	Private Contention or Dedicated VSAT Service. May require additional managed router or port depending on configuration
185	Private Contention or Dedicated VSAT Service (Layer 2 or Layer 3) Custom (up to	VSAT18	Private Contention or Dedicated VSAT Service. May require additional managed router or port depending on configuration

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	100Mbps duplex)		
186	1.2m Ku Dish Tier 2	VSAT19	VSAT Dish
187	1.2m Ku Dish Tier 3	VSAT20	Premium VSAT Dish
188	1.2m Ku dish High Wind (150Mph survivability)	VSAT21	Requires customer mount to surface that can survive high wind
189	1.8m Ku Dish Tier 2	VSAT22	VSAT Dish
190	1.8m Ku Dish Tier 3	VSAT23	Premium VSAT Dish
191	Factory Installed Deice for Antenna	VSAT24	For areas with snow or ice build up
192	Passive Snow Shield	VSAT25	For areas with snow or ice build up
193	Pole Mount	VSAT26	Pole Mount
194	Pedestal Mount	VSAT27	Pedestal Mount
195	Non Pen Mount	VSAT28	Non Pen Mount
196	Wall Mount	VSAT29	Wall Mount
197	High Wind Mount	VSAT30	High Wind Mount
198	LNB	VSAT31	Low Noise Block Downconverter, one per remote
199	6W BUC (Typically up to 4Mbps)	VSAT32	Satellite remote amplifier
200	8W BUC with power supply (4-6Mbps)	VSAT33	Satellite remote amplifier
201	40-55W BUC (6-10Mbps)	VSAT34	Satellite remote amplifier
202	IQ Desktop Satellite Router with 90W supply	VSAT35	Satellite modem

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	(power up to 6W BUC) (includes 5Mbps burst license)		
203	IQ Desktop Satellite Router with 90W supply (power up to 6W BUC) (includes 10Mbps burst license)	VSAT36	Satellite modem
204	Site survey without installation (includes dispatch)	VSAT37	Site survey without installation (includes dispatch)
205	Dispatch - Includes first two hours on site	VSAT38	Dispatch - Includes first two hours on site
206	Additional hour on site	VSAT39	Additional hour on site
207	6' pole mount (10' pole, 4' in ground) + pole erection + installation of 1.2m antenna	VSAT40	Includes 100' of coaxial cable and basic power connection. No electrical work
208	10' pole mount + pole erection + antenna installation for 1.2m antenna	VSAT41	Includes 100' of coaxial cable and basic power connection. No electrical work
209	10'1" – 15' pole mount + pole erection + antenna installation for 1.2m antenna	VSAT42	Includes 100' of coaxial cable and basic power connection. No electrical work

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
210	15'1" – 20' pole mount + pole erection + antenna installation for 1.2m antenna	VSAT43	Includes 100' of coaxial cable and basic power connection. No electrical work
211	20'1" – 25' pole mount + pole erection + antenna installation for 1.2m antenna	VSAT44	Includes 100' of coaxial cable and basic power connection. No electrical work
212	10' No-Hole Pole mount (incl. side braces) + pole erection + antenna installation for 1.2m antenna	VSAT45	Includes 100' of coaxial cable and basic power connection. No electrical work
213	1.8m antenna + non-penetrating mount & installation	VSAT46	Includes 100' of coaxial cable and basic power connection. No electrical work
214	1.8m de-ice antenna + installation	VSAT47	Includes 100' of coaxial cable and basic power connection. No electrical work
215	6' pole mount + pole erection + antenna installation for 1.8m antenna	VSAT48	Includes 100' of coaxial cable and basic power connection. No electrical work
216	10' pole mount + pole erection + antenna installation for 1.8m antenna	VSAT49	Includes 100' of coaxial cable and basic power connection. No electrical work
217	Roof Install/Build-Up, 1.2m VSAT Kit	VSAT50	Includes 100' of coaxial cable and basic power connection. No electrical work

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
218	Roof Install/Buildup, 1.8m VSAT Kit	VSAT51	Includes 100' of coaxial cable and basic power connection. No electrical work
219	High Wind Install Site Survey	VSAT52	AT&T tech visits site with customer for custom install planning
220	AT&T Professional Satellite Services (on site engineering support)	VSAT53	Used for custom installs or planning
221	AT&T FRMZ (First Responder Mobility Zone satellite kit with LTE,Cradlepoint and mast)	VSAT54	First responder exclusive LTE and satellite kit
222	FRMZ basic LTE service	VSAT55	LTE Support for FRMZ
223	AT&T FRMZ 512/512Kbps low contention service 20:1 with 10Mbps or higher duplex burst rate	VSAT56	FRMZ service
224	AT&T FRMZ 1/1Mbps very low contention service 10:1 with 10Mbps or higher duplex burst rate	VSAT57	FRMZ service
225	AT&T FRMZ 2/2Mbps ultra low contention service 5:1 with 10Mbps or	VSAT58	FRMZ service

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
	higher duplex burst rate		
226	AT&T MRS Implementation 1-24 sites	MRSIM1	AT&T MRS Implementation Service 1-24 sites. Implementation Non-Recurring Charges per Site (for up to 25 Sites per week during Standard Business Hours; Monday - Friday, 8:00 am - 5:00 p.m., local time. Can only be used in conjunction with MRS services in this Category.
227	AT&T MRS Implementation 25-99 sites	MRSIM2	AT&T MRS Implementation Service 25-99 sites. Implementation Non-Recurring Charges per Site (for up to 25 Sites per week during Standard Business Hours; Monday - Friday, 8:00 am - 5:00 p.m., local time. Can only be used in conjunction with MRS services in this Category.
228	AT&T MRS Implementation 100-399 sites	MRSIM3	AT&T MRS Implementation Service 100-399 sites. Implementation Non-Recurring Charges per Site (for up to 25 Sites per week during Standard Business Hours; Monday - Friday, 8:00 am - 5:00 p.m., local time. Can only be used in conjunction with MRS services in this Category.
229	AT&T MRS Implementation 400-999 sites	MRSIM4	AT&T MRS Implementation Service 400-999 sites. Implementation Non-Recurring Charges per Site (for up to 25 Sites per week during Standard Business Hours; Monday - Friday, 8:00 am - 5:00 p.m., local time. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
230	AT&T MRS Implementation 1000+ sites	MRSIM5	AT&T MRS Implementation Service 1000+ sites. Implementation Non-Recurring Charges per Site (for up to 25 Sites per week during Standard Business Hours; Monday - Friday, 8:00 am - 5:00 p.m., local time. Can only be used in conjunction with MRS services in this Category.
231	MRS Equip Install - Low	MRSISLC	AT&T MRS Equipment Installation-Low Complexity routers. Can only be used in conjunction with MRS services in this Category.
232	AT&T MRS Equip Install- Medium	MRSISMC	AT&T MRS Equipment Installation-Medium Complexity routers. Can only be used in conjunction with MRS services in this Category.
233	AT&T MRS Equip Install- High	MRSISHC	AT&T MRS Equipment Installation - High Complexity routers. Can only be used in conjunction with MRS services in this Category.
234	MRS Inside relocate same floor – Low	13092L	MRS Inside relocate same floor – Low Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be used in conjunction with MRS services in this Category.
235	MRS inside relocate different floor – Low	13093L	MRS inside relocate different floor – Low Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
236	MRS inside relocate same floor – Medium	13092M	MRS inside relocate same floor – Medium Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			the lifecycle charges. Can only be used in conjunction with MRS services in this Category.
237	MRS inside relocate different floor – Medium	13093M	MRS inside relocate different floor – Medium Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			the lifecycle charges. Can only be used in conjunction with MRS services in this Category.
238	MRS inside relocate same floor – High	13092H	MRS inside relocate same floor – High Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
239	MRS inside relocate different floor – High	13093H	MRS inside relocate different floor – High Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
240	Router Site Add-Low	13118L	Router Site Add- Low Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
241	Router Site Add-Medium	13118M	Router Site Add- Medium Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
242	Router Site Add-High	13118H	Router Site Add- High Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
243	Add/Delete Router Boards – Low	13127L	Add/Delete Router Boards – Low Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
244	Add/Delete Router Boards – Medium	13127M	Add/Delete Router Boards – Medium Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			the lifecycle charges. Can only be used in conjunction with MRS services in this Category.
245	Add/Delete Router Boards – High	13127H	Add/Delete Router Boards – High Complexity Router. Moves, Adds, Changes and Deletes consist of: Addition, Deletion or Moves of hardware at a Customer site, modifying routing tables, adding, deleting or modifying protocols or protocol prioritization schemes, Software Additions/Modifications of Serial and/or LAN connections. The AT&T Work Center will perform such work. Moves, Adds and Changes are provided on a per network, per transaction and/or per event basis as set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Features." Any movement that is not an Inside Move is billed as a new order. All rates for Lifecycle activity assume that work will be performed and completed during Standard Business Hours. In the event work is performed during non-Standard Business Hours, the applicable hourly rate will apply in addition to the lifecycle charges. Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
246	MRS Configuration Changes-Simple	14158S	AT&T Managed Router Solution Router Configuration Changes - Simple. Configuration changes will be performed as requested by Customer and will be billed at the rates set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Changes." Can only be used in conjunction with MRS services in this Category.
247	MRS Configuration Changes-Complex	14158C	AT&T Managed Router Solution Router Configuration Changes - Complex. Configuration changes will be performed as requested by Customer and will be billed at the rates set forth in the Pricing Schedule, in the table entitled "Life Cycle Management Changes." Can only be used in conjunction with MRS services in this Category.
248	Site Insufficiently Prepared/ Vendor Turn-Away	14570	Site Insufficiently Prepared to Receive On-Site Services / Vendor Turn-Away. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
249	Cancellation Less than Five Bus Days	13109A	Cancellation to Receive On-Site Services with Less than Five Business Days notice to AT&T. Can only be used in conjunction with MRS services in this Category.
250	Site Delete for AT&T Provided Equipment	13119	Site Delete for AT&T Provided Equipment. This product line item is for ordering purpose only and provided at no cost to the customer. Can only be used in conjunction with MRS services in this Category.
251	MRS Support Stand Hrs	13109B	MRS Support Standard Hours (8am – 5pm local time) . AT&T will provide supplementary engineering and technical activities, including but not limited to network re-design and re-configuration to support additional protocols, re-addressing of the network and other agreed upon changes. These activities will be defined on a per Customer basis (detailed Scope of Work required) and will be priced according to the Professional services rates and charges as defined in the Pricing Schedule, in the section entitled "Supplementary Professional, Engineering and Technical Services." Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
252	MRS Support Non-StandHrs	13109D	MRS Support Non-Standard Hours.AT&T will provide supplementary engineering and technical activities, including but not limited to network re-design and re-configuration to support additional protocols, re-addressing of the network and other agreed upon changes. These activities will be defined on a per Customer basis (detailed Scope of Work required) and will be priced according to the Professional services rates and charges as defined in the Pricing Schedule, in the section entitled "Supplementary Professional, Engineering and Technical Services." Can only be used in conjunction with MRS services in this Category.
253	MRS (POTS) Dial Backup Manage	13060A	AT&T Managed Router Solution Analog (POTS) Dial Backup Management. The Dial Backup feature offers Customers the ability to backup their primary Wide Area Network (WAN) circuits with secondary switched circuits in order to protect against network and/or access failures. The managed ISDN and Analog Dial back up features requires Customer to obtain ISDN line (BRI or PRI) or Analog Dial line. Analog dial backup provides for individual telephone lines at remote sites to access a dial line at speeds up to 56k in case of primary transport failure. HUB sites may be configured with multiple, bonded

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			analog lines to backup the primary transport in increments of 56k. Can only be used in conjunction with MRS services in this Category.
254	MRS (BRI) Dial Backup Manage	13060B	AT&T Managed Router Solution ISDN Basic Rate Interface (BRI) Dial Backup Management. The Dial Backup feature offers Customers the ability to backup their primary Wide Area Network (WAN) circuits with secondary switched circuits in order to protect against network and/or access failures. The managed ISDN and Analog Dial back up features requires Customer to obtain ISDN line (BRI or PRI) or Analog Dial line. BRI ports for ISDN may be added to a site router. Up to 4 BRI ports per site router are allowed, subject to capability constraints of the site router. Can only be used in conjunction with MRS services in this Category.
255	MRS (PRI) Dial Backup Manage	13060C	AT&T Managed Router Solution ISDN Primary Rate Interface (PRI) Dial Backup Management The Dial Backup feature offers Customers the ability to backup their primary Wide Area Network (WAN) circuits with secondary switched circuits in order to protect against network and/or access failures. The managed ISDN and Analog Dial back up features requires Customer

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			to obtain ISDN line (BRI or PRI) or Analog Dial line. PRI port for ISDN may be added to a site router, subject to capability constraints of the site router. Can only be used in conjunction with MRS services in this Category.
256	MRS TACACS Read Only Access- Router	TACE	AT&T Managed Router Solution TACACS Read Only Access - Router TACACS (Terminal Access Controller Access Control System) Read Only Access Provides secure remote access to AT&T Managed router using an authentication protocol that allows a remote (customer) access server to forward a customer user's logon password to an AT&T server to determine whether access can be allowed to a router. Can only be used in conjunction with MRS services in this Category.
257	MRS TACACS Read Only Access- Support	TACS	AT&T Managed Router Solution TACACS Read Only Access-Support TACACS (Terminal Access Controller Access Control System) Read Only Access. Provides secure remote access to AT&T Managed router using an authentication protocol that allows a remote (customer) access server to forward a customer user's logon password to an AT&T server to determine whether access can be allowed to a router. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
258	MRS TACACS Read Only Access- 1 to 6	TACACS1	AT&T Managed Router Solution TACACS Read Only Access - Enablement 1 to 6 Enabled Employees A user will be authorized to execute simple router commands, extended ping, extended trace route, show tech-support commands to view basic router features, interface status and router configuration information. *TACACS Read Only Access is not available for more than 25 Enabled Employees for a defined customer entity. Can only be used in conjunction with MRS services in this Category.
259	MRS TACACS Read Only Access- 7 to 12	TACACS2	AT&T Managed Router Solution TACACS Read Only Access - Enablement 7 to 12 Enabled Employees A user will be authorized to execute simple router commands, extended ping, extended trace route, show tech-support commands to view basic router features, interface status and router configuration information. *TACACS Read Only Access is not available for more than 25 Enabled Employees for a defined customer entity. Can only be used in conjunction with MRS services in this Category.
260	MRS TACACS Read Only Access- 13 to 25	TACACS3	AT&T Managed Router Solution TACACS Read Only Access - Enablement 13 to 25 Enabled Employees A user will be authorized to execute simple router commands, extended ping, extended trace route, show tech-

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			support commands to view basic router features, interface status and router configuration information. *TACACS Read Only Access is not available for more than 25 Enabled Employees for a defined customer entity. Can only be used in conjunction with MRS services in this Category.
261	Data IOS Svc for Cisco 19XX	MRU01	Data IOS Service for Cisco 19XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
262	Security IOS Svc for Cisco 19XX	MRU02	Security IOS Service for Cisco 19XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
263	Data IOS Svc for Cisco 29XX	MRU03	Data IOS Service for Cisco 29XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
264	Security IOS Svc for Cisco 29XX	MRU04	Security IOS Service for Cisco 29XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
265	Data IOS Svc for Cisco 39XX	MRU05	Data IOS Service for Cisco 39XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
266	Security IOS Svc for Cisco 39XX	MRU06	Security IOS Service for Cisco 39XX Series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
267	2 - Port SPA Svc Cisco ASR 1000 Module	MRU10	Copper SFP - SX Cisco 2-Port Gigabit Ethernet Shared Port Adapter (SPA) Service for ASR1000 series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
268	4 - Port SPA Svc Cisco ASR 1000	MRU11	100M Ethernet Cisco 4-Port Fast Ethernet (TX) Shared Port Adapter (SPA) Service for ASR1000 series managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
269	LX/LH SFP Svc	MRU12	GE SFP, LC connector LX/LH transceiver Service managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
270	SX SFP Svc	MRU13	GE SFP, LC connector SX transceiver Service managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
271	1000 Base-T SFP Svc	MRU14	1000 BASE-T SFP Service managed router feature upgrade Can only be used in conjunction with MRS services in this Category.
272	4320 Security Svc	MRU57	SL-4320-SEC-K9 Security License Service for Cisco ISR 4320 Series Can only be used in conjunction with MRS services in this Category.
273	4330 Security Svc	MRU58	SL-4330-SEC-K9 Security License Service for Cisco ISR 4330 Series Can only be used in conjunction with MRS services in this Category.
274	4330E Security Svc	MRU59	FL-4330-HSEC-K9 U.S. Export Restriction Compliance license Service for 4330 series Can only be

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			used in conjunction with MRS services in this Category.
275	4350 Security Svc	MRU60	SL-4350-SEC-K9 Security License Service for Cisco ISR 4350 Series Can only be used in conjunction with MRS services in this Category.
276	4350E Security License	MRU61	FL-4350-HSEC-K9 U.S. Export Restriction Compliance license Service for 4350 series Can only be used in conjunction with MRS services in this Category.
277	4400 Security Svc	MRU62	SL-44-SEC-K9 Security License Service for Cisco ISR 4400 Series Can only be used in conjunction with MRS services in this Category.
278	4400E Security Svc	MRU63	FL-44-HSEC-K9 U.S. Export Restriction Compliance license Service for 4350 series Can only be used in conjunction with MRS services in this Category.
279	1GE NIM Svc	MRU64	NIM-1GE-CU-SFP 1-port GE WAN NIM, dual-mode RJ45 & SFP Network Interface Module (NIM) Service Can only be used in conjunction with MRS services in this Category.
280	2GE NIM Svc	MRU65	NIM-2GE-CU-SFP 2-port GE WAN NIM, dual-mode RJ45 & SFP Network Interface Module (NIM) Service Can only be used in conjunction with MRS services in this Category.
281	6-Port WAN SM	MRU66	SM-X module with 6-port dual-mode GE / SFP (not valid for 4321) WAN Service Module (SM) Service Can only be used in conjunction with MRS services in this Category.
282	GLC-T SFP Svc	MRU67	GLC-T 1000 BASE-T Small Form Factor Pluggable (SFP) Service

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Can only be used in conjunction with MRS services in this Category.
283	MRS Router - Cisco 2911	C2911	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Ethernet Configuration Cisco 2911 Ethernet model. Supports up to 10 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
284	MRS Router - Cisco 2921	C2921	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Ethernet Configuration, Cisco 2921 Ethernet model. Supports up to 20 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
285	MRS Router - Cisco 3925	C3925	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 3925 Ethernet model. Supports up to 50 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			only be used in conjunction with MRS services in this Category.
286	MRS Router - Cisco 3945	C3945	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 3945 Ethernet model. Supports up to 100 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
287	MRS Router - Cisco ASR1002	ASR1	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco ASR1002 model. Supports up to 1 Gbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
288	MRS Router - Cisco 7604	7604	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 7604 omodel. Supports up to 10 Gbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			only be used in conjunction with MRS services in this Category.
289	MRS Router - Cisco 1921	T1921	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 1921 - T1 PPP model. Supports up to 1.5 Mbps throughput Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
290	MRS Router - Cisco 2911 - T1 PPP	T2911	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed T1 PPP. Cisco 2911 model. Supports up to 1.5 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
291	MRS Router - Cisco 2911 - 2xT1 PPP	2T291	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed 2xT1 PPP Cisco 2911 model. Supports up to 3 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
292	MRS Router - Cisco 2911 - 4xT1 PPP	4T291	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed 2xT1 PPP Configuration Cisco 2911 model. Supports up to 6 Mbps throughput. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
293	MRS Router - Cisco 2921 - 6xT1 PPP	6T292	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed 6xT1 PPP. Cisco 2921 model . Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new orders. Can only be used in conjunction with MRS services in this Category.
294	MRS Router - Cisco 2921 - 8xT1 PPP	8T292	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed 8xT1 PPP. Cisco 2921 model. Requires phone line provided separately for maintenance. To support existing customers with MRS router in service today. Not for new

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			orders. Can only be used in conjunction with MRS services in this Category.
295	MRS Router - 4321 - T1	T4321	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4321 - T1 PPP model or successor model. Supports up to 1.5 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
296	MRS Router - 4321 - 2T1	2T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 2xT1 PPP model or successor model. Supports up to 3 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
297	MRS Router - 4321 - 3T1	3T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 3xT1 PPP model or successor model. Supports up to 4.5 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
298	MRS Router - 4321 - 4T1	4T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 4xT1 PPP model or successor model. Supports up to 6 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
299	MRS Router - 4321 - 5T1	5T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 5xT1 PPP model or successor model. Supports up to 7.5 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
300	MRS Router - 4321 - 6T1	6T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 6xT1 PPP model or successor model. Supports up to 9 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
301	MRS Router - 4321 - 8T1	8T432	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Low speed Cisco 4321 - 8xT1 PPP model or successor model. Supports up to 12

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
302	MRS Router - ISR4331 (DS3)	D4331	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco ISR4331 - T3 PPP model or successor model. Supports up to 45 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
303	MRS Router 4321(20Mb)	A4321	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4321 Ethernet model or successor model. Supports up to 20 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
304	MRS Router - 4331(50Mb)	A4331	AT&T owned and managed router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4331 Ethernet model or successor model. Supports up to 50 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
305	MRS Router - 4331(150Mb)	B4331	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4331 Ethernet model or successor model. Supports up to 150 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
306	MRS Router - 4351(200Mb)	A4351	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4351 Ethernet model or successor model. Supports up to 200 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
307	MRS Router - 4431(250Mb)	A4431	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4431 Ethernet model or successor model. Supports up to 250 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
308	MRS Router - 4431(500Mb)	B4431	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4431 Ethernet model or successor model. Supports up to 500 Mbps

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
309	MRS Router - 4451 (500Mb)	A4451	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4451 Ethernet model or successor model. Supports up to 500 Mbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
310	MRS Router - 4451 (1Gb)	B4451	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco 4451 Ethernet model or successor model. Supports up to 1 Gbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
311	MRS Router - ASR1001X	ASR1X	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco ASR1001X Ethernet model or successor model. Supports up to 1 Gbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
312	MRS Router - ASR1002X	ASR2X	AT&T owned and anaged Router. Includes installation, configuration, life-cycle maintenance and diagnostic monitoring. Cisco ASR1002X Ethernet model or successor model. Supports up to 10 Gbps throughput. Requires phone line provided separately for maintenance. Can only be used in conjunction with MRS services in this Category.
313	WAS - Small Site Appliance - Type 1 – Set up	WAS201	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
314	WAS - Small Site Appliance - Type 1 – Management	WAS211	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
315	WAS - Small Site Appliance - Type 2 – Set up	WAS202	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
316	WAS - Small Site Appliance - Type 2 – Management	WAS212	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
317	WAS - Small Site Appliance - Type 3 – Set up	WAS203	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
318	WAS - Small Site Appliance - Type 3 – Management	WAS213	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
319	WAS- Medium Site – Set up	WAS204	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
320	WAS- Medium Site – Management	WAS214	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
321	WAS- Large Site – Set Up	WAS205	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
322	WAS- Large Site – Management	WAS215	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
323	WAS- XL Data Center Site – Set Up	WAS206	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
324	WAS- XL Data Center Site – Management	WAS216	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
325	WAS- Central Manager – Set Up	WAS207	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
326	WAS- Central Manager – Management	WAS217	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
327	WAS- Move, Add, or Change	WAS208	AT&T Owned Riverbed Devices. WAN Acceleration offers a hardware and software based solution to improve application performance by better utilization of WAN bandwidth. Enables the customer to be SDWAN Ready. WAN Acceleration requires an approved Appliance at both ends of the network. Each customer must order a Central Manager device to configure and manage the WAN Acceleration service. AT&T will configure each designated WAN Acceleration Appliance using either inline or Web Cache Control Protocol ("WCCP") WAN acceleration, at AT&T's option. For inline WAN acceleration, the Appliance is directly in line or in the path of the network traffic; all traffic flows through the acceleration Appliance, and is accelerated based on the configurations of the Appliance. For WCCP WAN acceleration, AT&T configures the Underlying Service routers with IP Access Control lists or other traffic redirect instructions designed to redirect select traffic to the acceleration Appliance. WAN Acceleration Service is available for use only on Underlying Services; that is, only on AT&T network managed services approved by AT&T for use with the APM Service. Approved Underlying Services are; Managed AT&T VPN; AT&T

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			Managed Router Solution ("MRS"), Essential or Complete, using either IPeFR or AT&T VPN as transport. Not all Services' features or capabilities are fully compatible with APM, including for example but without limitation, VoIP, Multicast, IP v6, and CoS effectiveness. For instance, there may be service degradation risks to Customers using Voice over IP, including to VoEVPN Customers. All customers should carefully evaluate their network prior to ordering APM for use with potentially incompatible services. Can only be used in conjunction with services in this Category.
328	AT&T Business WiFi Service		All Sites require at least one Access Point (AP), and Sites of any significant size generally require multiple APs to ensure appropriate coverage. The AP connects to the LAN infrastructure providing the Wi-Fi Network signal.
329	AT&T Business Wi-Fi SMALL (1-7 APs)		AT&T Business Wi-Fi SMALL deployment supports up to 7 Access Points(AP).
330	AT&T Business WiFi Small 8 Port Switch	MWSMSW	Aruba 2930F 8 Port Switch or successor model. Includes power cord. Requires AT&T Professional installation.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
331	AT&T Business WiFi Small Access Point	MWSMAP	Aruba AP-305/AP-304 or successor model. Includes mount bracket, console cable. Requires AT&T Professional installation.
332	AT&T Business WiFi Small AP antenna option 1	MWSMAN1	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.
333	AT&T Business WiFi Small AP antenna option 2	MWSMAN2	MIMO technology Antenna option 2 for MWSMAP. Required for AP-304. Accessory available only as required for installation of AT&T Business Wi-Fi network.
334	AT&T Business Wi-Fi MEDIUM (8-23 APs)		AT&T Business Wi-Fi MEDIUM deployment supports between 8 and 23 Access Points(AP).
335	AT&T Business WiFi Medium 24 Port Switch	MWMDSW	Aruba 2930F 24 Port Switch or successor model. Includes power cord. Requires AT&T Professional installation.
336	AT&T Business WiFi Medium Access Point	MWMDAP	Aruba AP-515/AP-514 or successor model. Includes mount bracket & console cable. Requires AT&T Professional installation.
337	AT&T Business WiFi Medium AP antenna option 1	MWMDAN1	Antenna option 1 for MWMDAP. Four required for AP-514. Accessory available only as required for installation of AT&T Business Wi-Fi network.
338	AT&T Business WiFi Medium AP antenna option 2	MWMDAN2	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.
339	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	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
340	AT&T Business Wi-Fi Large 24 Port Switch	MWLGSW	Aruba 2930M 24 Port Switch or successor model. Includes dual power supply and power plugs. Requires AT&T Professional installation.
341	AT&T Business Wi-Fi Large Access Point	MWLGAP	Aruba AP-535/AP-534 or successor model. Includes mount bracket & console cable. Requires AT&T Professional installation.
342	AT&T Business Wi-Fi Large AP antenna option 1	MWLGAN1	Antenna option 1 for MWLGAP. Four required for AP-534. Accessory available only as required for installation of AT&T Business Wi-Fi network.
343	AT&T Business Wi-Fi Large AP antenna option 2	MWLGAN2	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.
344	AT&T Business Wi-Fi Large 2-port Stacking Module	MWLGSM	Aruba 2930 2-port Stacking Module. Accessory available only as required for installation of AT&T Business Wi-Fi network.
345	AT&T Business Wi-Fi Large 0.5m Stacking Cable	MWLGSC1	Aruba 2920/2930M 0.5m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.
346	AT&T Business Wi-Fi Large 1m Stacking Cable	MWLGSC2	Aruba 2920/2930M 1m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.
347	AT&T Business Wi-Fi Large 3m Stacking Cable	MWLGSC3	Aruba 2920/2930M 3m Stacking Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.
348	AT&T Business Wi-Fi Additional Features		AT&T Business Wi-Fi Additional Features

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
349	AT&T Business Wi-Fi 10G SFP+ LC SR 300m MMF Transceiver	MWTR1	Aruba 10G SFP+ LC SR 300m MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
350	AT&T Business Wi-Fi 10G SFP+ LC LR 10km SMF Transceiver	MWTR2	Aruba 10G SFP+ LC LR 10km SMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
351	AT&T Business Wi-Fi 100M SFP LC FX 2km MMF Transceiver	MWTR3	Aruba 100M SFP LC FX 2km MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
352	AT&T Business Wi-Fi 10G SFP+ to SFP+ 1m DAC Cable	MWTR4	Aruba 10G SFP+ to SFP+ 1m DAC Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.
353	AT&T Business Wi-Fi 10G SFP+ to SFP+ 3m DAC Cable	MWTR5	Aruba 10G SFP+ to SFP+ 3m DAC Cable. Accessory available only as required for installation of AT&T Business Wi-Fi network.
354	AT&T Business Wi-Fi 1G SFP RJ45 T 100m Cat5e Transceiver	MWTR6	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
355	AT&T Business Wi-Fi 1G SFP LC SX 500m MMF Transceiver	MWTR7	Aruba 1G SFP LC SX 500m MMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
356	AT&T Business Wi-Fi 1G SFP LC LX 10km SMF Transceiver	MWTR8	Aruba 1G SFP LC LX 10km SMF Transceiver. Accessory available only as required for installation of AT&T Business Wi-Fi network.
357	AT&T Business WiFi Sensor	MWUXI	Aruba UXI Service Level Sensor. Requires AT&T Professional installation.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
358	AT&T Business Wi-Fi Installation charge for first AP	MWIN1	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 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.
359	Installation charge for each additional AP	MWIN2	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.
360	AP Mounting Bracket: suspended ceiling rail, flat 9/16	MWBR1	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.
361	AP Mounting Bracket: suspended ceiling rail, flat 15/16	MWBR2	AP Mounting Bracket: suspended ceiling rail, flat 15/16. Accessory available only as required for installation of AT&T Business Wi-Fi network. Only to be used in

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			conjunction with AT&T Business Wi-Fi.
362	AP Mounting Bracket: suspended ceiling rail, profile 9/16	MWBR3	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.
363	AP Mounting Bracket: solid surface	MWBR4	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.
364	AP Mounting Bracket: wall-box	MWBR5	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.
365	AT&T Business WiFi On-site survey, 1 day max	MWSS1	On-Site Survey, 1 day max. Generally covers sites up to ~25,000 sq ft depending on site complexity. On-Site Survey requires the Customer to provide scalable floor plans before the Site visit. Customer must provide access to all areas where coverage is required including restricted areas, which may require an escort. Deliverables include a heat map, fully measured Service network design, and an associated bill of materials. Only to be used in conjunction with AT&T Business Wi-Fi.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
366	AT&T Business WiFi On-site survey, 2 day max	MWSS2	On-Site Survey, 2 day max. Generally covers sites up to ~50,000 sq ft depending on site complexity. On-Site Survey requires the Customer to provide scalable floor plans before the Site visit. Customer must provide access to all areas where coverage is required including restricted areas, which may require an escort. Deliverables include a heat map, fully measured Service network design, and an associated bill of materials. Only to be used in conjunction with AT&T Business Wi-Fi.
367	AT&T Business WiFi On-site survey, 3 day max	MWSS3	On-Site Survey, 3 day max. Generally covers sites up to ~75,000 sq ft depending on site complexity. On-Site Survey requires the Customer to provide scalable floor plans before the Site visit. Customer must provide access to all areas where coverage is required including restricted areas, which may require an escort. Deliverables include a heat map, fully measured Service network design, and an associated bill of materials. Only to be used in conjunction with AT&T Business Wi-Fi.
368	AT&T Professional and Technical Services		Supplemental Engineering and Technical activities, including but not limited to training, ingress porting, network re-design and re-configuration to support additional protocols, re-addressing of the network and other agreed upon network changes. These activities will be defined on a per Customer

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			basis (detailed Scope of Work required) with the defined deliverable being a design/configuration document. Pricing is based on the below Professional services rates. These services do not include physical or logical changes to a managed network device. Can only be sold in conjunction with services supported on CALNET.
369	AT&T Technical Services Support I - Standard Hours/Regular Rate (8am - 5pm local time)	ATTFE1	Basic Network Skillset -Standard Hours: Pre or Post implementation site survey and network support. Provides basic Networking skills. For Example: Installs equipment, powers up equipment. Performs Cross Connects. Places Phone sets. Inventory equipment. Can only be sold in conjunction with services supported on CALNET.
370	AT&T Technical Services Support I - Non-Standard Hours	ATTFE12	Basic Network Skillset -Non Standard Hours Pre or Post implementation site survey and network support. Provides basic Networking skills. For Example: Installs equipment, powers up equipment. Performs Cross Connects. Places Phone sets. Inventory equipment. Can only be sold in conjunction with services supported on CALNET.
371	AT&T Technical Services Support II - Standard Hours/Regular Rate (8am - 5pm local time)	ATTFE2	Basic Plus Network Skillset - Standard Hours: Pre or Post-implementation site survey and network design. Provides advanced networking skills. For example Conducts assessments for complex installations or network

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
			solutions. Network configurations of router, switches and firewalls. Can only be sold in conjunction with services supported on CALNET.
372	AT&T Technical Services Support II - Non-Standard Hours	ATTFE22	Basic Plus Network Skillset -Non Standard Hours: Pre or Post-implementation site survey and network design. Provides advanced networking skills. For example Conducts assessments for complex installations or network solutions. Network configurations of router, switches. Can only be sold in conjunction with services supported on CALNET.
373	AT&T Network Engineer - Standard Hours/Regular Rate (8am - 5pm local time)	ATTNC1	Advanced Network Engineering Skillset- Standard Hours: Pre or Post-implementation site survey and network design. Performs advanced on-site installation and tests interoperability with other products For example Network configurations of router, switches, Firewall & VoIP. Can only be sold in conjunction with services supported on CALNET.
374	AT&T Network Engineer - Non-Standard Hours	ATTNC12	Advanced Network Engineering Skillset- Non-Standard Hours: Pre or Post-implementation site survey and network design. Performs advanced on-site installation and tests interoperability with other products For example Network configurations of router, switches, Firewall & VoIP. Can only be sold in conjunction with services supported on CALNET.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
375	AT&T Network Engineer II - Standard Hours/Regular Rate (8am - 5pm local time)	ATTNC2	Advanced Plus Network Engineering Skillset - Standard Hours: Pre or Post-implementation site survey and network design. Performs advanced on-site installation and tests interoperability with other products For example Complex Network configurations of router, switches, Firewall & VoIP. Skillset to understand MPLS and SDN. Can only be sold in conjunction with services supported on CALNET.
376	AT&T Network Engineer II - Non-Standard Hours	ATTNC22	Advanced Plus Network Engineering Skillset - Non-Standard Hours: Pre or Post-implementation site survey and network design. Performs advanced on-site installation and tests interoperability with other products For example Complex Network configurations of router, switches, Firewall & VoIP. Skillset to understand MPLS and SDN. Can only be sold in conjunction with services supported on CALNET.
377	AT&T Professional Services - Senior Engineer - Standard Hours/Regular Rate (8am - 5pm local time)	ATTSC	Professional Network Engineer: Person may hold a degree or industry certifications in specific specialization. Security, cyber security, disaster recovery and business continuity and Advanced networking specific to manufacturer. Can only be sold in conjunction with services supported on CALNET.

Line Item	Feature Name	Bidder's Product Identifier	Bidder's Product Description, Restrictions and Limitations
378	AT&T Professional Services Principle Architect I - Standard Hours/Regular Rate (8am - 5pm local time)	ATTPA	Multi-Skillset Individual providing Network oversight: Pre or Post-implementation site survey and network design. Provides highly advanced consulting skills across multiple disciplines. For Example, Security, Networking, MPLS, Standards and best practices Conducts assessments, design, and overall technical oversight for highly complex installations involving multiple technologies. Can only be sold in conjunction with services supported on CALNET.
379	AT&T Professional Services - Principal Architect II - Standard Hours/Regular Rate (8am - 5pm local time)	ATTPA2	Multi-Skillset Individual providing network design function and oversight. Pre or Post-implementation site survey and network design. Provides highly advanced consulting skills across multiple disciplines. For Example, Security, Networking, MPLS, Standards and best practices. Works with customer to integrate legacy technology, Conducts assessments, design, and overall technical oversight for highly complex installations involving multiple technologies. Can only be sold in conjunction with services supported on CALNET.

20.3 OTHER SERVICES

20.3.1 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 this Requirement and shall meet or exceed it? Yes

20.3.2 Services Related Infrastructure (SRI)

The Contractor shall offer infrastructure service as defined below.

20.3.2.1 Extended Demarcation Wiring Services

The Contractor shall provide Extended Demarcation (Extended Demarc) wiring to support the services covered by this IFB 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 Minimum Point of Entry (MPOE).

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

Bidder shall provide the Extended Demarcation Wiring Services described in Table 20.3.2.1

Table 20.3.2.1 – 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

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
5	Extended Demarcation -Copper 25 Pair –	Wiring services to extend Facilities from the Customer's MPOE to the	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
	Overtime Hours	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.			

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
7	Extended Demarcation - Optical Fiber Link –	Wiring services to extend Facilities from the Customer's MPOE to the	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
	Regular Hours	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.			

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
9	Extended Demarcation - Optical Fiber Link –	Wiring services to extend Facilities from the Customer's	AT&T assumes customer has adequate pathways.	EDOH	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
	Sunday and Holiday Hours	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.			

20.3.2.2 Unsolicited Services Related Infrastructure

Bidder may offer additional unsolicited Services Related Infrastructure in Table 20.3.2.2.

Table 20.3.2.2 – Unsolicited Services Related Infrastructure

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

20.3.3 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 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 this Requirement and shall meet or exceed it? Yes

In Cost Worksheet 20.3.3, 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 this Requirement and shall meet or exceed it? Yes

The Contractor shall offer emergency restoration services as detailed in Table 20.3.3

Table 20.3.3 – 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

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

20.4 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.

20.4.1 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 a 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 this Requirement and shall meet or exceed it? Yes

20.4.2 Technical Requirements versus SLA Objectives

Sections 20.2 (MPLS Services) and 20.3 (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 this Requirement and shall meet or exceed it? Yes

20.4.3 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 this Requirement and shall meet or exceed it? Yes

20.4.4 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 this Requirement and shall meet or exceed it? Yes

20.4.5 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 this Requirement and shall meet or exceed it? Yes

20.4.6 Technical SLA General Requirements

The Contractor shall adhere to the following general requirements which apply to all CALNET Technical SLAs (Section 20.4.8):

1. With the exception of the Provisioning SLA (Section 20.4.8.9), 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 this requirement and shall meet or exceed it? Yes

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

Bidder understands this 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 this 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;
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;
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 this 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 (Billing and Invoicing);

Bidder understands this 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 requirements and shall meet or exceed them? Yes

20.4.7 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 20.4.7.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 this 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 this 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 this 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 20.4.7.a – 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.

Line Item	Stop Clock Condition (SCC)	SCC Definition
		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.
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.

Line Item	Stop Clock Condition (SCC)	SCC Definition
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.
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 requirements and shall meet or exceed them? Yes

The Contractor shall provide and manage the following Technical SLAs.

20.4.8 Technical Service Level Agreements (SLAs)

20.4.8.1 Availability (M-S)

SLA Name: Availability

Definition:

The percentage of time a CALNET MPLS Data Networks 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:

MPLS

Objective A:

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

Service Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
DS1	≥ 99.2%	≥ 99.5%	≥ 99.8%	S
DS3	≥ 99.7%	≥ 99.8%	≥ 99.9%	S
Ethernet	≥ 99.2%	≥ 99.5%	≥ 99.8%	S

Rights and Remedies:

1. Per Occurrence:
    - N/A
2. Monthly Aggregated Measurements:
    - First month to fail 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 this requirement and shall meet or exceed it? Yes

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

SLA Name: Catastrophic Outage 1 (CAT 1)

Definition:

The total loss of service at a single address based on a common cause resulting in one or more of the following:

Failure of two or more service types, or
Failure of ten access circuits, or
Failure of a single MPLS port or access circuit with a transport speed greater than or equal to 200 Mbps.

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:

MPLS
ANIRA
Network Based Firewall
Netbond
VSAT
Managed Router Service
WAN Acceleration Service
AT&T Business WiFi Service

Objectives:

The objective restoral time will be:

Access Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B, S or P)**
MPLS	≤ 3 hours	≤ 2 hours	≤ 1 hour	S
ANIRA		≤ 2 hours		S
Network Based Firewall		≤ 2 hours		S
Netbond		≤ 2 hours		S
VSAT		≤ 2 hours		S
Managed Router Service		≤ 2 hours		S
WAN Acceleration Service		≤ 2 hours		S
AT&T Business WiFi Service		≤ 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 this requirement and shall meet or exceed it? Yes

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

SLA Name: Catastrophic Outage 2 (CAT 2)

Definition:

Any service affecting failure in the Contractor's (or Subcontractor's or Affiliate's) network up to and including the Provider Edge (PE) equipment.

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:

MPLS
ANIRA
Network Based Firewall
Netbond
VSAT
Managed Router Service
WAN Acceleration Service
AT&T Business WiFi Service

Objectives:

The objective restoral time will be:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
MPLS	≤ 1 Hour	≤ 30 Minutes	≤ 15 Minutes	P
ANIRA			≤ 15 Minutes	P
Network Based Firewall			≤ 15 Minutes	P
Netbond			≤ 15 Minutes	P
VSAT			≤ 15 Minutes	P
Managed Router Service			≤ 15 Minutes	P
WAN Acceleration Service			≤ 15 Minutes	P
AT&T Business WiFi Service			≤ 15 Minutes	P

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 2 fault.
2. Monthly Aggregated Measurements:
    - N/A

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

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

SLA Name*:* Catastrophic Outage 3 (CAT 3)

Definition:

The total loss of more than one CALNET DNCS service type in a central office, or the loss of any service type 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:

MPLS
ANIRA
Network Based Firewall
Netbond
VSAT
Managed Router Service
WAN Acceleration Service
AT&T Business WiFi Service

Objectives:

The objective restoral time will be:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
MPLS	≤ 30 Minutes	N/A	≤ 15 Minutes	P
ANIRA			≤ 15 Minutes	P
Network Based Firewall			≤ 15 Minutes	P
Netbond			≤ 15 Minutes	P
VSAT			≤ 15 Minutes	P
Managed Router Service			≤ 15 Minutes	P
WAN Acceleration Service			≤ 15 Minutes	P
AT&T Business WiFi Service			≤ 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 this requirement and shall meet or exceed it? Yes

20.4.8.5 Delay – Round Trip Transmission for MPLS Services (M-S)

SLA Name: Delay – Round Trip Transmission for MPLS Services

Definition:

The average round trip transfer delay measured from the Customer Edge (CE) to the remote CE back to CE (Site A to Site Z to Site A) within the geographic confines of the state of California.

Measurement Process:

The End-User/Customer is responsible for opening a trouble ticket with the Contractor's Customer Service Center (helpdesk) when the Customer suspects the delay is not meeting the committed level. CALNET CMO shall determine the sample interval, provided that a minimum of 100 pings or more shall constitute a test. The Contractor shall provide timely verification, consistent with industry standards. Trouble tickets opened as Delay – Round Trip Transmission for MPLS Services shall not count in availability or Time to Repair measurements unless and until the End-User reports service as unusable.

Service(s):

MPLS

Objective(s):

Based on a 1,000 byte ping:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B or P)
MPLS ≥ 1.536 Mbps to < 10 Mbps	< 400ms	N/A	< 340ms	P
MPLS ≥ 11 Mbps to < 100 Mbps	< 400ms	N/A	< 340ms	P
MPLS ≥ 100 Mbps	< 400ms	N/A	< 340ms	P

Rights and Remedies:

1. Per Occurrence:
    - N/A

2. Monthly Aggregated Measurements:
    - 25% credit or refund of the TMRC per occurrence for the reported service.
    - The second consecutive month service fails to meet the committed SLA objectives shall result in a 35% rebate of TMRC.
    - Each additional consecutive month service fails to meet the committed SLA objective shall result in a 50% rebate of the TMRC.

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

20.4.8.6 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:

MPLS
ANIRA
Network Based Firewall
Netbond
VSAT
Managed Router Service
WAN Acceleration Service
AT&T Business WiFi Service

Objectives:

The Unavailable Time objective shall not exceed:

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
MPLS	16 Hours	12 Hours	8 Hours	S
ANIRA		12 Hours		S
Network Based Firewall		12 Hours		S
Netbond		12 Hours		S
VSAT		12 Hours		S
Managed Router Service		12 Hours		S
WAN Acceleration Service		12 Hours		S
AT&T Business WiFi Service		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 this requirement and shall meet or exceed it? Yes

20.4.8.7 Managed Service Proactive Notification (M-S)

SLA Name: Managed Service Proactive Notification

Definition:

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

An Outage is defined as an unscheduled period in which the managed router 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 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:

MPLS Access Transport Speeds
MPLS Port Transport Speeds
MPLS Port, Access and Layer 3 Bundled Transport Speeds

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 this requirement and shall meet or exceed it? Yes

20.4.8.8 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 stakeholder when information is available for dissemination to the Customers.

Services:

All services

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 this requirement and shall meet or exceed it? Yes

20.4.8.9 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 (Features must be installed with service except when listed below.	**Committed Interval Days**	**Coordinated/Managed Project**
MPLS Access Transport Speeds	35	Coordinated/Managed Project
MPLS Port Transport Speeds	35	Coordinated/Managed Project
MPLS Port, Access and Layer 3 Bundled Transport Speeds	45	Coordinated/Managed Project
ANIRA	45	Coordinated/Managed Project
Network Based Firewall	45	Coordinated/Managed Project
Netbond	45	Coordinated/Managed Project
VSAT	45	Coordinated/Managed Project
Managed Router Service	45	Coordinated/Managed Project
WAN Acceleration Service	45	Coordinated/Managed Project
AT&T Business WiFi Service	45	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)
MPLS Access Transport Speeds	≥ 90%	N/A	≥ 95%	P
MPLS Port Transport Speeds	≥ 90%	N/A	≥ 95%	P
MPLS Port, Access and Layer 3 Bundled Transport Speeds	≥ 90%	N/A	≥ 95%	P
ANIRA			≥ 95%	P
Network Based Firewall			≥ 95%	P
Netbond			≥ 95%	P
VSAT			≥ 95%	P
Managed Router Service			≥ 95%	P
WAN Acceleration Service			≥ 95%	P
AT&T Business WiFi Service			≥ 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 this requirement and shall meet or exceed it? Yes

20.4.8.10 Time to Repair (TTR)(M-S)

SLA Name: Time To Repair (TTR)

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:

MPLS
ANIRA
Network Based Firewall
Netbond
VSAT
Managed Router Service
WAN Acceleration Service
AT&T Business WiFi Service

Objectives:

The Unavailable Time objective shall not exceed:

Access Type	**Basic (B)**	**Standard (S)**	**Premier (P)**	**Bidder's Objective Commitment (B, S or P)**
MPLS	6 Hours	5 Hours	4 Hours	P
ANIRA			4 Hours	P

Access Type	Basic (B)	Standard (S)	Premier (P)	Bidder's Objective Commitment (B, S or P)
Network Based Firewall			4 Hours	P
Netbond			4 Hours	P
VSAT			4 Hours	P
Managed Router Service			4 Hours	P
WAN Acceleration Service			4 Hours	P
AT&T Business WiFi Service			4 Hours	P

Rights and Remedies:

1. Per Occurrence:
    - First month the service fails to meet the committed SLA objective shall result in a 25% credit or refund of 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 this requirement and shall meet or exceed it? Yes

20.4.8.11 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 this requirement and shall meet or exceed it? Yes

20.4.8.12 Proposed Unsolicited Offerings

The Contractor shall provide SLAs as defined in SLA Section 20.3.8 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 this requirement and shall meet or exceed it? Yes

20.4.8.13 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 20.4.8.

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