

IFB C4DNCS19
Data Networks and Communications Services
CATEGORY 20 – MPLS Data Network

NWN Corporation

CATALOG B

August 28, 2026

Issued by:

STATE OF CALIFORNIA

California Department of Technology Statewide
Procurement

PO Box 1810

Rancho Cordova, CA 95741

Catalog products and services in this category may contain Generative Artificial Intelligence (GenAI). Prior to ordering, Executive Branch State Entities shall work with CALNET NWN Corporation to determine whether products or services to be ordered contain GenAI and comply with the requirements set forth in State Administrative Manual section 4986.9 GenAI PROCUREMENT, including but not limited to performing GenAI Risk Assessment (SIMM 5305-F).

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Category 20 –MPLS Data Network

20.2.9 MPLS Transport Speeds

20.2.9.1 MPLS Port Transport Speeds

Contractor’s Description of Service:

NWN's MPLS service is a network based solution enabled by Multiprotocol Label Switching (MPLS) technology. This is a Port Only service.

Geographic Availability:

Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code
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2	West Hollywood	142	Imperial Beach	282	Tustin	422	Mountain View	562	Santa Rosa
3	Playa Vista	143	Jamul	283	Anaheim	423	Pacifica	563	Cazadero
4	Bell Gardens	144	La Mesa	284	Brea	424	Redwood City	564	Clearlake
5	Beverly Hills	145	Lemon Grove	285	Fullerton	425	San Bruno	565	Cloverdale
6	Compton	146	National City	286	Garden Grove	426	San Carlos	566	Forestville
7	Culver City	147	Spring Valley	287	Norco	427	South San Francisco	567	Fort Bragg
8	Downey	148	Tecate	288	Orange	428	Sunnyvale	568	Geyserville
9	El Segundo	149	Bonsall	289	Placentia	429	San Francisco	569	Glen Ellen
10	Gardena	150	Cardiff By The Sea	290	Corona	430	Palo Alto	570	Gualala
11	Hawthorne	151	Carlsbad	291	Yorba Linda	431	Stanford	571	Guerneville
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13	Huntington Park	153	El Cajon	293	Camarillo	433	Alameda	573	Kelseyville
14	Lawndale	154	Encinitas	294	Carpinteria	434	American Canyon	574	Kenwood
15	Lynwood	155	Escondido	295	Fillmore	435	Danville	575	Lakeport
16	Malibu	156	Fallbrook	296	Moorpark	436	Alamo	576	Lower Lake
17	Manhattan Beach	157	Julian	297	Oak View	437	Angwin	577	Middletown
18	Maywood	158	La Jolla	298	Ojai	438	Antioch	578	Monte Rio
19	Pacific Palisades	159	Lakeside	299	Oxnard	439	Benicia	579	Occidental

20	Palos Verdes Peninsula	160	Oceanside	300	Piru	440	Brentwood	580	Philo
21	Rancho Palos Verdes	161	Camp Pendleton	301	Port Hueneme	441	Byron	581	Hidden Valley Lake
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23	South Gate	163	Pauma Valley	303	Simi Valley	443	Concord	583	Sebastopol
24	Topanga	164	Poway	304	Brandeis	444	Pleasant Hill	584	Sonoma
25	Venice	165	Ramona	305	Somis	445	Crockett	585	Ukiah
26	Marina Del Rey	166	Rancho Santa Fe	306	Santa Barbara	446	El Cerrito	586	Upper Lake
27	Playa Del Rey	167	San Marcos	307	Goleta	447	Fairfield	587	Willits
28	Inglewood	168	Santa Ysabel	308	Armona	448	Fremont	588	Windsor
29	Santa Monica	169	Santee	309	Arvin	449	Hayward	589	Eureka
30	Torrance	170	Solana Beach	310	Avenal	450	Castro Valley	590	Mckinleyville
31	Whittier	171	Vista	311	Coalinga	451	Hercules	591	Arcata
32	Buena Park	172	Valley Center	312	Corcoran	452	Lafayette	592	Crescent City
33	La Palma	173	San Diego	313	Delano	453	Livermore	593	Fortuna
34	Cypress	174	Coronado	314	Ducor	454	Martinez	594	Garberville
35	La Habra	175	San Ysidro	315	Earlimart	455	Moraga	595	Loleta
36	La Mirada	176	Indio	316	Exeter	456	Napa	596	Redway
37	Montebello	177	Indian Wells	317	Pine Mountain Club	457	Newark	597	Scotia
38	Norwalk	178	Palm Desert	318	Farmersville	458	Oakley	598	Smith River
39	Pico Rivera	179	Banning	319	Frazier Park	459	Orinda	599	Trinidad
40	Santa Fe Springs	180	Beaumont	320	Hanford	460	Pinole	600	Auburn
41	Stanton	181	Blythe	321	Kettleman City	461	Pittsburg	601	West Sacramento
42	Artesia	182	Brawley	322	Lake Isabella	462	Pleasanton	602	Brooks
43	Cerritos	183	Cabazon	323	Lamont	463	Dublin	603	Carmichael
44	Avalon	184	Calexico	324	Lebec	464	Rio Vista	604	Citrus Heights
45	Bellflower	185	Calipatria	325	Lemoore	465	Rodeo	605	Clarksburg
46	Harbor City	186	Cathedral City	326	Lindsay	466	Rutherford	606	Coloma
47	Lakewood	187	Coachella	327	Mc Farland	467	Saint Helena	607	Davis
48	Hawaiian Gardens	188	Desert Hot Springs	328	Porterville	468	Deer Park	608	Diamond Springs
49	Lomita	189	El Centro	329	Richgrove	469	San Leandro	609	Dixon
50	Los Alamitos	190	Heber	330	Shafter	470	San Lorenzo	610	Elk Grove
51	Paramount	191	Holtville	331	Stratford	471	San Ramon	611	Fair Oaks

52	San Pedro	192	Imperial	332	Strathmore	472	Suisun City	612	Folsom
53	Seal Beach	193	Joshua Tree	333	Taft	473	Sunol	613	Galt
54	Sunset Beach	194	La Quinta	334	Three Rivers	474	Union City	614	Garden Valley
55	Wilmington	195	Mecca	335	Tulare	475	Vallejo	615	Georgetown
56	Carson	196	Niland	336	Visalia	476	Walnut Creek	616	Herald
57	Signal Hill	197	North Palm Springs	337	Wasco	477	Yountville	617	Ione
58	Long Beach	198	Palm Springs	338	Woodlake	478	Oakland	618	Jackson
59	Altadena	199	Rancho Mirage	339	Bakersfield	479	Emeryville	619	Lincoln
60	Arcadia	200	Thermal	340	San Luis Obispo	480	Berkeley	620	Loomis
61	Duarte	201	Salton City	341	Los Osos	481	Albany	621	Mcclellan
62	La Canada Flintridge	202	Thousand Palms	342	Arroyo Grande	482	Richmond	622	Madison
63	Monrovia	203	Twentynine Palms	343	Atascadero	483	El Sobrante	623	Mather
64	Montrose	204	Whitewater	344	Buellton	484	San Pablo	624	Newcastle
65	Sierra Madre	205	Winterhaven	345	Cambria	485	San Rafael	625	North Highlands
66	South Pasadena	206	Yucca Valley	346	Cayucos	486	Greenbrae	626	Roseville
67	Sunland	207	Adelanto	347	Grover Beach	487	Belvedere Tiburon	627	Orangevale
68	Tujunga	208	Apple Valley	348	Guadalupe	488	Corte Madera	628	Placerville
69	Pasadena	209	Baker	349	Lompoc	489	Rohnert Park	629	Pleasant Grove
70	San Marino	210	Barstow	350	Los Alamos	490	Dillon Beach	630	Rancho Cordova
71	Glendale	211	Grand Terrace	351	Los Olivos	491	Cotati	631	Rescue
72	La Crescenta	212	Big Bear Lake	352	Morro Bay	492	Larkspur	632	Rio Linda
73	Agoura Hills	213	Bloomington	353	Nipomo	493	Marshall	633	Rocklin
74	Calabasas	214	Blue Jay	354	Paso Robles	494	Mill Valley	634	Shingle Springs
75	Canoga Park	215	Calimesa	355	Pismo Beach	495	Novato	635	Sloughhouse
76	Winnetka	216	Cedar Glen	356	San Ardo	496	Nicasio	636	Vacaville
77	West Hills	217	Cedarpines Park	357	Santa Margarita	497	Petaluma	637	Wheatland
78	Chatsworth	218	Colton	358	Santa Maria	498	Point Reyes Station	638	Winters
79	Encino	219	Crestline	359	Santa Ynez	499	Ross	639	Woodland
80	Newbury Park	220	Daggett	360	Shandon	500	San Anselmo	640	Camino
81	Newhall	221	Essex	361	Solvang	501	Sausalito	641	Colfax
82	Northridge	222	Fontana	362	Templeton	502	Woodacre	642	Pollock Pines
83	Porter Ranch	223	Hesperia	363	Mojave	503	Alviso	643	Granite Bay
84	Pacoima	224	Highland	364	California City	504	Aptos	644	El Dorado Hills

85	Reseda	225	Lake Arrowhead	365	Acton	505	Boulder Creek	645	Sacramento
86	San Fernando	226	Loma Linda	366	Bishop	506	Campbell	646	Antelope
87	Sylmar	227	Lucerne Valley	367	Boron	507	Capitola	647	Marysville
88	North Hills	228	Lytle Creek	368	Bridgeport	508	Castroville	648	Beale Afb
89	Granada Hills	229	Mentone	369	Edwards	509	Cupertino	649	Alleghany
90	Mission Hills	230	Needles	370	Independence	510	Felton	650	Arbuckle
91	Santa Clarita	231	Nipton	371	Keene	511	Freedom	651	Chico
92	Canyon Country	232	Oro Grande	372	Lancaster	512	Gilroy	652	Colusa
93	Sun Valley	233	Phelan	373	Littlerock	513	Hollister	653	Dunnigan
94	Valencia	234	Redlands	374	Llano	514	Los Gatos	654	Durham
95	Tarzana	235	Rialto	375	Lone Pine	515	Milpitas	655	Grass Valley
96	Thousand Oaks	236	Skyforest	376	Mammoth Lakes	516	Morgan Hill	656	Penn Valley
97	Westlake Village	237	Victorville	377	Palmdale	517	San Juan Bautista	657	Gridley
98	Woodland Hills	238	Yermo	378	Ridgecrest	518	San Martin	658	Live Oak
99	Stevenson Ranch	239	Yucaipa	379	Rosamond	519	Santa Clara	659	Magalia
100	Castaic	240	San Bernardino	380	Tehachapi	520	Santa Cruz	660	Nevada City
101	Van Nuys	241	Riverside	381	Chowchilla	521	Scotts Valley	661	Olivehurst
102	Panorama City	242	March Air Reserve Base	382	Clovis	522	Saratoga	662	Orland
103	Sherman Oaks	243	Lake Elsinore	383	Cutler	523	Soquel	663	Oroville
104	Burbank	244	Aguanga	384	Dinuba	524	Watsonville	664	Paradise
105	North Hollywood	245	Anza	385	Dos Palos	525	San Jose	665	Princeton
106	Studio City	246	Hemet	386	Firebaugh	526	Stockton	666	Quincy
107	Valley Village	247	Moreno Valley	387	Five Points	527	Acampo	667	Sutter
108	Universal City	248	Murrieta	388	Fowler	528	Angels Camp	668	Williams
109	Rancho Cucamonga	249	Nuevo	389	Friant	529	French Camp	669	Willows
110	Azusa	250	Perris	390	Kerman	530	Linden	670	Yuba City
111	Baldwin Park	251	San Jacinto	391	Kingsburg	531	Lodi	671	Redding
112	Chino	252	Menifee	392	Los Banos	532	San Andreas	672	Anderson
113	Chino Hills	253	Sun City	393	Madera	533	Atwater	673	Burney
114	Claremont	254	Temecula	394	Orange Cove	534	Tracy	674	Canby
115	Covina	255	Wildomar	395	Parlier	535	Ceres	675	Corning
116	El Monte	256	Irvine	396	Fresno	536	Crows Landing	676	Fall River Mills
117	South El Monte	257	Foothill Ranch	397	Reedley	537	Delhi	677	Fort Jones

118	Glendora	258	Capistrano Beach	398	Riverdale	538	Escalon	678	Mcarthur
119	La Puente	259	Corona Del Mar	399	Sanger	539	Groveland	679	Mount Shasta
120	Hacienda Heights	260	Costa Mesa	400	Selma	540	Gustine	680	Red Bluff
121	Rowland Heights	261	Dana Point	401	Salinas	541	Hilmar	681	Weaverville
122	La Verne	262	Lake Forest	402	Big Sur	542	Hughson	682	Weed
123	Mira Loma	263	Laguna Woods	403	Carmel	543	Jamestown	683	Yreka
124	Monterey Park	264	Huntington Beach	404	Gonzales	544	Lathrop	684	Alturas
125	Ontario	265	Laguna Beach	405	Greenfield	545	Le Grand	685	Cedarville
126	Montclair	266	Laguna Hills	406	King City	546	Livingston	686	Markleeville
127	Diamond Bar	267	Midway City	407	Marina	547	Manteca	687	Susanville
128	Pomona	268	Aliso Viejo	408	Monterey	548	Mariposa	688	Tahoma
129	Rosemead	269	Newport Coast	409	Pacific Grove	549	Merced	689	Kings Beach
130	San Dimas	270	Newport Beach	410	Pebble Beach	550	Modesto	690	Tahoe City
131	San Gabriel	271	San Clemente	411	Seaside	551	Newman	691	South Lake Tahoe
132	Temple City	272	San Juan Capistrano	412	Soledad	552	Oakdale	692	Truckee
133	Upland	273	Silverado	413	Belmont	553	Patterson		
134	Walnut	274	Laguna Niguel	414	Brisbane	554	Ripon		
135	West Covina	275	Trabuco Canyon	415	Burlingame	555	Riverbank		
136	Alhambra	276	Westminster	416	Daly City	556	Salida		
137	Alpine	277	Rancho Santa Margarita	417	Los Altos	557	Sonora		
138	Bonita	278	Mission Viejo	418	Menlo Park	558	Tuolumne		
139	Boulevard	279	Ladera Ranch	419	Atherton	559	Turlock		
140	Campo	280	Santa Ana	420	Portola Valley	560	Waterford		

State Associated Administrative Fee Charge: All services in this catalog will have a 2% fee applied. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

Table 20.2.9.1.a – MPLS Port Transport Speeds

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	MPLS Port Service at 1 Mbps	ATS-MSR-MPLS-P1M	MPLS Port service at minimum line rate of 1 Mbps			\$81.50	Port	Yes	Required
2	MPLS Port service at 3 Mbps	ATS-MSR-MPLS-P3M	MPLS Port service at minimum line rate of 3 Mbps			\$163.00	Port	Yes	Required
3	MPLS Port service at 4 Mbps	ATS-MSR-MPLS-P4M	MPLS Port service at minimum line rate of 4 Mbps			\$163.00	Port	Yes	Required
4	MPLS Port service at 5 Mbps	ATS-MSR-MPLS-P5M	MPLS Port service at minimum line rate of 5 Mbps			\$163.00	Port	Yes	Required
5	MPLS Port service at 7 Mbps	ATS-MSR-MPLS-P7M	MPLS Port service at minimum line rate of 7 Mbps			\$184.00	Port	Yes	Required
6	MPLS Port service at 9 Mbps	ATS-MSR-MPLS-P9M	MPLS Port service at minimum line rate of 9 Mbps			\$184.00	Port	Yes	Required
7	MPLS Port service at 10 Mbps	ATS-MSR-MPLS-P10M	MPLS Port service at minimum line rate of 10 Mbps			\$184.00	Port	Yes	Required
8	MPLS Port service at 12 Mbps	ATS-MSR-MPLS-P12M	MPLS Port service at minimum line rate of 12 Mbps			\$342.00	Port	Yes	Required
9	MPLS Port service at 15 Mbps	ATS-MSR-MPLS-P15M	MPLS Port service at minimum line rate of 15 Mbps			\$342.00	Port	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
10	MPLS Port service at 20 Mbps	ATS-MSR-MPLS-P20M	MPLS Port service at minimum line rate of 20 Mbps			\$342.00	Port	Yes	Required
11	MPLS Port service at 30 Mbps	ATS-MSR-MPLS-P30M	MPLS Port service at minimum line rate of 30 Mbps			\$440.00	Port	Yes	Required
12	MPLS Port service at 40 Mbps	ATS-MSR-MPLS-P40M	MPLS Port service at minimum line rate of 40 Mbps			\$440.00	Port	Yes	Required
13	MPLS Port service at 50 Mbps	ATS-MSR-MPLS-P50M	MPLS Port service at minimum line rate of 50 Mbps			\$440.00	Port	Yes	Required
14	MPLS Port service at 60 Mbps	ATS-MSR-MPLS-P60M	MPLS Port service at minimum line rate of 60 Mbps			\$464.00	Port	Yes	Required
15	MPLS Port service at 70 Mbps	ATS-MSR-MPLS-P70M	MPLS Port service at minimum line rate of 70 Mbps			\$464.00	Port	Yes	Required
16	MPLS Port service at 80 Mbps	ATS-MSR-MPLS-P80M	MPLS Port service at minimum line rate of 80 Mbps			\$464.00	Port	Yes	Required
17	MPLS Port service at 90 Mbps	ATS-MSR-MPLS-P90M	MPLS Port service at minimum line rate of 90 Mbps			\$464.00	Port	Yes	Required
18	MPLS Port service at 100 Mbps	ATS-MSR-MPLS-P100M	MPLS Port service at minimum line rate of 100 Mbps			\$464.00	Port	Yes	Required
19	MPLS Port service at 150 Mbps	ATS-MSR-MPLS-P150M	MPLS Port service at minimum line rate of 150 Mbps			\$689.00	Port	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
20	MPLS Port service at 200 Mbps	ATS-MSR-MPLS-P200M	MPLS Port service at minimum line rate of 200 Mbps			\$689.00	Port	Yes	Required
21	MPLS Port service at 250 Mbps	ATS-MSR-MPLS-P250M	MPLS Port service at minimum line rate of 250 Mbps			\$689.00	Port	Yes	Required
22	MPLS Port service at 300 Mbps	ATS-MSR-MPLS-P300M	MPLS Port service at minimum line rate of 300 Mbps			\$689.00	Port	Yes	Required
23	MPLS Port service at 400 Mbps	ATS-MSR-MPLS-P400M	MPLS Port service at minimum line rate of 400 Mbps			\$689.00	Port	Yes	Required
24	MPLS Port service at 500 Mbps	ATS-MSR-MPLS-P500M	MPLS Port service at minimum line rate of 500 Mbps			\$770.00	Port	Yes	Required
25	MPLS Port service at 600 Mbps	ATS-MSR-MPLS-P600M	MPLS Port service at minimum line rate of 600 Mbps			\$898.00	Port	Yes	Required
26	MPLS Port service at 700 Mbps	ATS-MSR-MPLS-P700M	MPLS Port service at minimum line rate of 700 Mbps			\$898.00	Port	Yes	Required
27	MPLS Port service at 1 Gbps	ATS-MSR-MPLS-P1G	MPLS Port service at minimum line rate of 1 Gbps			\$898.00	Port	Yes	Required
28	MPLS Port service at 2 Gbps	ATS-MSR-MPLS-P2G	MPLS Port service at minimum line rate of 2 Gbps			\$1,425.00	Port	Yes	Required
29	MPLS Port service at 3 Gbps	ATS-MSR-MPLS-P3G	MPLS Port service at minimum line rate of 3 Gbps			\$1,425.00	Port	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
30	MPLS Port service at 4 Gbps	ATS-MSR-MPLS-P4G	MPLS Port service at minimum line rate of 4 Gbps			\$1,425.00	Port	Yes	Required
31	MPLS Port service at 5 Gbps	ATS-MSR-MPLS-P5G	MPLS Port service at minimum line rate of 5 Gbps			\$2,845.00	Port	Yes	Required
32	MPLS Port service at 6 Gbps	ATS-MSR-MPLS-P6G	MPLS Port service at minimum line rate of 6 Gbps			\$2,845.00	Port	Yes	Required
33	MPLS Port service at 7 Gbps	ATS-MSR-MPLS-P7G	MPLS Port service at minimum line rate of 7 Gbps			\$2,845.00	Port	Yes	Required
34	MPLS Port service at 8 Gbps	ATS-MSR-MPLS-P8G	MPLS Port service at minimum line rate of 8 Gbps			\$2,845.00	Port	Yes	Required
35	MPLS Port service at 9 Gbps	ATS-MSR-MPLS-P9G	MPLS Port service at minimum line rate of 9 Gbps			\$2,845.00	Port	Yes	Required
36	MPLS Port service at 10 Gbps	ATS-MSR-MPLS-P10G	MPLS Port service at minimum line rate of 10 Gbps			\$2,845.00	Port	Yes	Required

20.2.9.2 MPLS Port and Access Bundled Transport Speeds

Contractor’s Description of Service:

NWN's MPLS service is a network based solution enabled by Multiprotocol Label Switching (MPLS) technology. This is a Port and Access Only service.

Geographic Availability:

Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code
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2	West Hollywood	142	Imperial Beach	282	Tustin	422	Mountain View	562	Santa Rosa
3	Playa Vista	143	Jamul	283	Anaheim	423	Pacifica	563	Cazadero
4	Bell Gardens	144	La Mesa	284	Brea	424	Redwood City	564	Clearlake
5	Beverly Hills	145	Lemon Grove	285	Fullerton	425	San Bruno	565	Cloverdale
6	Compton	146	National City	286	Garden Grove	426	San Carlos	566	Forestville
7	Culver City	147	Spring Valley	287	Norco	427	South San Francisco	567	Fort Bragg
8	Downey	148	Tecate	288	Orange	428	Sunnyvale	568	Geyserville
9	El Segundo	149	Bonsall	289	Placentia	429	San Francisco	569	Glen Ellen
10	Gardena	150	Cardiff By The Sea	290	Corona	430	Palo Alto	570	Gualala
11	Hawthorne	151	Carlsbad	291	Yorba Linda	431	Stanford	571	Guerneville
12	Hermosa Beach	152	Del Mar	292	Ventura	432	San Mateo	572	Healdsburg
13	Huntington Park	153	El Cajon	293	Camarillo	433	Alameda	573	Kelseyville
14	Lawndale	154	Encinitas	294	Carpinteria	434	American Canyon	574	Kenwood
15	Lynwood	155	Escondido	295	Fillmore	435	Danville	575	Lakeport
16	Malibu	156	Fallbrook	296	Moorpark	436	Alamo	576	Lower Lake
17	Manhattan Beach	157	Julian	297	Oak View	437	Angwin	577	Middletown
18	Maywood	158	La Jolla	298	Ojai	438	Antioch	578	Monte Rio
19	Pacific Palisades	159	Lakeside	299	Oxnard	439	Benicia	579	Occidental
20	Palos Verdes Peninsula	160	Oceanside	300	Piru	440	Brentwood	580	Philo
21	Rancho Palos Verdes	161	Camp Pendleton	301	Port Hueneme	441	Byron	581	Hidden Valley Lake
22	Redondo Beach	162	Pala	302	Santa Paula	442	Calistoga	582	Redwood Valley
23	South Gate	163	Pauma Valley	303	Simi Valley	443	Concord	583	Sebastopol
24	Topanga	164	Poway	304	Brandeis	444	Pleasant Hill	584	Sonoma
25	Venice	165	Ramona	305	Somis	445	Crockett	585	Ukiah
26	Marina Del Rey	166	Rancho Santa Fe	306	Santa Barbara	446	El Cerrito	586	Upper Lake
27	Playa Del Rey	167	San Marcos	307	Goleta	447	Fairfield	587	Willits
28	Inglewood	168	Santa Ysabel	308	Armona	448	Fremont	588	Windsor
29	Santa Monica	169	Santee	309	Arvin	449	Hayward	589	Eureka
30	Torrance	170	Solana Beach	310	Avenal	450	Castro Valley	590	Mckinleyville
31	Whittier	171	Vista	311	Coalinga	451	Hercules	591	Arcata

32	Buena Park	172	Valley Center	312	Corcoran	452	Lafayette	592	Crescent City
33	La Palma	173	San Diego	313	Delano	453	Livermore	593	Fortuna
34	Cypress	174	Coronado	314	Ducor	454	Martinez	594	Garberville
35	La Habra	175	San Ysidro	315	Earlimart	455	Moraga	595	Loleta
36	La Mirada	176	Indio	316	Exeter	456	Napa	596	Redway
37	Montebello	177	Indian Wells	317	Pine Mountain Club	457	Newark	597	Scotia
38	Norwalk	178	Palm Desert	318	Farmersville	458	Oakley	598	Smith River
39	Pico Rivera	179	Banning	319	Frazier Park	459	Orinda	599	Trinidad
40	Santa Fe Springs	180	Beaumont	320	Hanford	460	Pinole	600	Auburn
41	Stanton	181	Blythe	321	Kettleman City	461	Pittsburg	601	West Sacramento
42	Artesia	182	Brawley	322	Lake Isabella	462	Pleasanton	602	Brooks
43	Cerritos	183	Cabazon	323	Lamont	463	Dublin	603	Carmichael
44	Avalon	184	Calexico	324	Lebec	464	Rio Vista	604	Citrus Heights
45	Bellflower	185	Calipatria	325	Lemoore	465	Rodeo	605	Clarksburg
46	Harbor City	186	Cathedral City	326	Lindsay	466	Rutherford	606	Coloma
47	Lakewood	187	Coachella	327	Mc Farland	467	Saint Helena	607	Davis
48	Hawaiian Gardens	188	Desert Hot Springs	328	Porterville	468	Deer Park	608	Diamond Springs
49	Lomita	189	El Centro	329	Richgrove	469	San Leandro	609	Dixon
50	Los Alamitos	190	Heber	330	Shafter	470	San Lorenzo	610	Elk Grove
51	Paramount	191	Holtville	331	Stratford	471	San Ramon	611	Fair Oaks
52	San Pedro	192	Imperial	332	Strathmore	472	Suisun City	612	Folsom
53	Seal Beach	193	Joshua Tree	333	Taft	473	Sunol	613	Galt
54	Sunset Beach	194	La Quinta	334	Three Rivers	474	Union City	614	Garden Valley
55	Wilmington	195	Mecca	335	Tulare	475	Vallejo	615	Georgetown
56	Carson	196	Niland	336	Visalia	476	Walnut Creek	616	Herald
57	Signal Hill	197	North Palm Springs	337	Wasco	477	Yountville	617	Ione
58	Long Beach	198	Palm Springs	338	Woodlake	478	Oakland	618	Jackson
59	Altadena	199	Rancho Mirage	339	Bakersfield	479	Emeryville	619	Lincoln
60	Arcadia	200	Thermal	340	San Luis Obispo	480	Berkeley	620	Loomis
61	Duarte	201	Salton City	341	Los Osos	481	Albany	621	Mcclellan
62	La Canada Flintridge	202	Thousand Palms	342	Arroyo Grande	482	Richmond	622	Madison
63	Monrovia	203	Twentynine Palms	343	Atascadero	483	El Sobrante	623	Mather
64	Montrose	204	Whitewater	344	Buellton	484	San Pablo	624	Newcastle

65	Sierra Madre	205	Winterhaven	345	Cambria	485	San Rafael	625	North Highlands
66	South Pasadena	206	Yucca Valley	346	Cayucos	486	Greenbrae	626	Roseville
67	Sunland	207	Adelanto	347	Grover Beach	487	Belvedere Tiburon	627	Orangevale
68	Tujunga	208	Apple Valley	348	Guadalupe	488	Corte Madera	628	Placerville
69	Pasadena	209	Baker	349	Lompoc	489	Rohnert Park	629	Pleasant Grove
70	San Marino	210	Barstow	350	Los Alamos	490	Dillon Beach	630	Rancho Cordova
71	Glendale	211	Grand Terrace	351	Los Olivos	491	Cotati	631	Rescue
72	La Crescenta	212	Big Bear Lake	352	Morro Bay	492	Larkspur	632	Rio Linda
73	Agoura Hills	213	Bloomington	353	Nipomo	493	Marshall	633	Rocklin
74	Calabasas	214	Blue Jay	354	Paso Robles	494	Mill Valley	634	Shingle Springs
75	Canoga Park	215	Calimesa	355	Pismo Beach	495	Novato	635	Sloughhouse
76	Winnetka	216	Cedar Glen	356	San Ardo	496	Nicasio	636	Vacaville
77	West Hills	217	Cedarpines Park	357	Santa Margarita	497	Petaluma	637	Wheatland
78	Chatsworth	218	Colton	358	Santa Maria	498	Point Reyes Station	638	Winters
79	Encino	219	Crestline	359	Santa Ynez	499	Ross	639	Woodland
80	Newbury Park	220	Daggett	360	Shandon	500	San Anselmo	640	Camino
81	Newhall	221	Essex	361	Solvang	501	Sausalito	641	Colfax
82	Northridge	222	Fontana	362	Templeton	502	Woodacre	642	Pollock Pines
83	Porter Ranch	223	Hesperia	363	Mojave	503	Alviso	643	Granite Bay
84	Pacoima	224	Highland	364	California City	504	Aptos	644	El Dorado Hills
85	Reseda	225	Lake Arrowhead	365	Acton	505	Boulder Creek	645	Sacramento
86	San Fernando	226	Loma Linda	366	Bishop	506	Campbell	646	Antelope
87	Sylmar	227	Lucerne Valley	367	Boron	507	Capitola	647	Marysville
88	North Hills	228	Lytle Creek	368	Bridgeport	508	Castroville	648	Beale Afb
89	Granada Hills	229	Mentone	369	Edwards	509	Cupertino	649	Alleghany
90	Mission Hills	230	Needles	370	Independence	510	Felton	650	Arbuckle
91	Santa Clarita	231	Nipton	371	Keene	511	Freedom	651	Chico
92	Canyon Country	232	Oro Grande	372	Lancaster	512	Gilroy	652	Colusa
93	Sun Valley	233	Phelan	373	Littlerock	513	Hollister	653	Dunnigan
94	Valencia	234	Redlands	374	Llano	514	Los Gatos	654	Durham
95	Tarzana	235	Rialto	375	Lone Pine	515	Milpitas	655	Grass Valley
96	Thousand Oaks	236	Skyforest	376	Mammoth Lakes	516	Morgan Hill	656	Penn Valley
97	Westlake Village	237	Victorville	377	Palmdale	517	San Juan Bautista	657	Gridley

98	Woodland Hills	238	Yermo	378	Ridgecrest	518	San Martin	658	Live Oak
99	Stevenson Ranch	239	Yucaipa	379	Rosamond	519	Santa Clara	659	Magalia
100	Castaic	240	San Bernardino	380	Tehachapi	520	Santa Cruz	660	Nevada City
101	Van Nuys	241	Riverside	381	Chowchilla	521	Scotts Valley	661	Olivehurst
102	Panorama City	242	March Air Reserve Base	382	Clovis	522	Saratoga	662	Orland
103	Sherman Oaks	243	Lake Elsinore	383	Cutler	523	Soquel	663	Oroville
104	Burbank	244	Aguanga	384	Dinuba	524	Watsonville	664	Paradise
105	North Hollywood	245	Anza	385	Dos Palos	525	San Jose	665	Princeton
106	Studio City	246	Hemet	386	Firebaugh	526	Stockton	666	Quincy
107	Valley Village	247	Moreno Valley	387	Five Points	527	Acampo	667	Sutter
108	Universal City	248	Murrieta	388	Fowler	528	Angels Camp	668	Williams
109	Rancho Cucamonga	249	Nuevo	389	Friant	529	French Camp	669	Willows
110	Azusa	250	Perris	390	Kerman	530	Linden	670	Yuba City
111	Baldwin Park	251	San Jacinto	391	Kingsburg	531	Lodi	671	Redding
112	Chino	252	Menifee	392	Los Banos	532	San Andreas	672	Anderson
113	Chino Hills	253	Sun City	393	Madera	533	Atwater	673	Burney
114	Claremont	254	Temecula	394	Orange Cove	534	Tracy	674	Canby
115	Covina	255	Wildomar	395	Parlier	535	Ceres	675	Corning
116	El Monte	256	Irvine	396	Fresno	536	Crows Landing	676	Fall River Mills
117	South El Monte	257	Foothill Ranch	397	Reedley	537	Delhi	677	Fort Jones
118	Glendora	258	Capistrano Beach	398	Riverdale	538	Escalon	678	Mcarthur
119	La Puente	259	Corona Del Mar	399	Sanger	539	Groveland	679	Mount Shasta
120	Hacienda Heights	260	Costa Mesa	400	Selma	540	Gustine	680	Red Bluff
121	Rowland Heights	261	Dana Point	401	Salinas	541	Hilmar	681	Weaverville
122	La Verne	262	Lake Forest	402	Big Sur	542	Hughson	682	Weed
123	Mira Loma	263	Laguna Woods	403	Carmel	543	Jamestown	683	Yreka
124	Monterey Park	264	Huntington Beach	404	Gonzales	544	Lathrop	684	Alturas
125	Ontario	265	Laguna Beach	405	Greenfield	545	Le Grand	685	Cedarville
126	Montclair	266	Laguna Hills	406	King City	546	Livingston	686	Markleeville
127	Diamond Bar	267	Midway City	407	Marina	547	Manteca	687	Susanville
128	Pomona	268	Aliso Viejo	408	Monterey	548	Mariposa	688	Tahoma
129	Rosemead	269	Newport Coast	409	Pacific Grove	549	Merced	689	Kings Beach
130	San Dimas	270	Newport Beach	410	Pebble Beach	550	Modesto	690	Tahoe City

131	San Gabriel	271	San Clemente	411	Seaside	551	Newman	691	South Lake Tahoe
132	Temple City	272	San Juan Capistrano	412	Soledad	552	Oakdale	692	Truckee
133	Upland	273	Silverado	413	Belmont	553	Patterson		
134	Walnut	274	Laguna Niguel	414	Brisbane	554	Ripon		
135	West Covina	275	Trabuco Canyon	415	Burlingame	555	Riverbank		
136	Alhambra	276	Westminster	416	Daly City	556	Salida		
137	Alpine	277	Rancho Santa Margarita	417	Los Altos	557	Sonora		
138	Bonita	278	Mission Viejo	418	Menlo Park	558	Tuolumne		
139	Boulevard	279	Ladera Ranch	419	Atherton	559	Turlock		
140	Campo	280	Santa Ana	420	Portola Valley	560	Waterford		

State Associated Administrative Fee Charge: All services in this catalog will have a 2% fee applied. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

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

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	MPLS Port and Access service at 1 Mbps	ATS-MSR-MPLS-PA1M	MPLS Port and Access service at 1 Mbps			\$475.00	Each	Yes	Required
2	MPLS Port and Access service at 3 Mbps	ATS-MSR-MPLS-PA3M	MPLS Port and Access service at 3 Mbps			\$685.00	Each	Yes	Required
3	MPLS Port and Access service at 4 Mbps	ATS-MSR-MPLS-PA4M	MPLS Port and Access service at 4 Mbps			\$685.00	Each	Yes	Required
4	MPLS Port and Access service at 5 Mbps	ATS-MSR-MPLS-PA5M	MPLS Port and Access service at 5 Mbps			\$860.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
5	MPLS Port and Access service at 7 Mbps	ATS-MSR-MPLS-PA7M	MPLS Port and Access service at 7 Mbps			\$915.00	Each	Yes	Required
6	MPLS Port and Access service at 9 Mbps	ATS-MSR-MPLS-PA9M	MPLS Port and Access service at 9 Mbps			\$965.00	Each	Yes	Required
7	MPLS Port and Access service at 10 Mbps	ATS-MSR-MPLS-PA10M	MPLS Port and Access service at 10 Mbps			\$1,015.00	Each	Yes	Required
8	MPLS Port and Access service at 12 Mbps	ATS-MSR-MPLS-PA12M	MPLS Port and Access service at 12 Mbps			\$1,065.00	Each	Yes	Required
9	MPLS Port and Access service at 15 Mbps	ATS-MSR-MPLS-PA15M	MPLS Port and Access service at 15 Mbps			\$1,115.00	Each	Yes	Required
10	MPLS Port and Access service at 20 Mbps	ATS-MSR-MPLS-PA20M	MPLS Port and Access service at 20 Mbps			\$1,165.00	Each	Yes	Required
11	MPLS Port and Access service at 30 Mbps	ATS-MSR-MPLS-PA30M	MPLS Port and Access service at 30 Mbps			\$1,230.00	Each	Yes	Required
12	MPLS Port and Access service at 40 Mbps	ATS-MSR-MPLS-PA40M	MPLS Port and Access service at 40 Mbps			\$1,230.00	Each	Yes	Required
13	MPLS Port and Access service at 50 Mbps	ATS-MSR-MPLS-PA50M	MPLS Port and Access service at 50 Mbps			\$1,230.00	Each	Yes	Required
14	MPLS Port and Access service at 60 Mbps	ATS-MSR-MPLS-PA60M	MPLS Port and Access service at 60 Mbps			\$1,500.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
15	MPLS Port and Access service at 70 Mbps	ATS-MSR-MPLS-PA70M	MPLS Port and Access service at 70 Mbps			\$1,500.00	Each	Yes	Required
16	MPLS Port and Access service at 80 Mbps	ATS-MSR-MPLS-PA80M	MPLS Port and Access service at 80 Mbps			\$1,500.00	Each	Yes	Required
17	MPLS Port and Access service at 90 Mbps	ATS-MSR-MPLS-PA90M	MPLS Port and Access service at 90 Mbps			\$1,500.00	Each	Yes	Required
18	MPLS Port and Access service at 100 Mbps	ATS-MSR-MPLS-PA100M	MPLS Port and Access service at 100 Mbps			\$1,500.00	Each	Yes	Required
19	MPLS Port and Access service at 150 Mbps	ATS-MSR-MPLS-PA150M	MPLS Port and Access service at 150 Mbps			\$2,109.00	Each	Yes	Required
20	MPLS Port and Access service at 200 Mbps	ATS-MSR-MPLS-PA200M	MPLS Port and Access service at 200 Mbps			\$2,109.00	Each	Yes	Required
21	MPLS Port and Access service at 250 Mbps	ATS-MSR-MPLS-PA250M	MPLS Port and Access service at 250 Mbps			\$2,109.00	Each	Yes	Required
22	MPLS Port and Access service at 300 Mbps	ATS-MSR-MPLS-PA300M	MPLS Port and Access service at 300 Mbps			\$2,109.00	Each	Yes	Required
23	MPLS Port and Access service at 400 Mbps	ATS-MSR-MPLS-PA400M	MPLS Port and Access service at 400 Mbps			\$2,109.00	Each	Yes	Required
24	MPLS Port and Access service at 500 Mbps	ATS-MSR-MPLS-PA500M	MPLS Port and Access service at 500 Mbps			\$2,109.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
25	MPLS Port and Access service at 600 Mbps	ATS-MSR-MPLS-PA600M	MPLS Port and Access service at 600 Mbps			\$2,693.00	Each	Yes	Required
26	MPLS Port and Access service at 700 Mbps	ATS-MSR-MPLS-PA700M	MPLS Port and Access service at 700 Mbps			\$2,693.00	Each	Yes	Required
27	MPLS Port and Access service at 1 Gbps	ATS-MSR-MPLS-PA1G	MPLS Port and Access service at 1 Gbps			\$3,293.00	Each	Yes	Required
28	MPLS Port and Access service at 2 Gbps	ATS-MSR-MPLS-PA2G	MPLS Port and Access service at 2 Gbps			\$5,337.00	Each	Yes	Required
29	MPLS Port and Access service at 3 Gbps	ATS-MSR-MPLS-PA3G	MPLS Port and Access service at 3 Gbps			\$5,837.00	Each	Yes	Required
30	MPLS Port and Access service at 4 Gbps	ATS-MSR-MPLS-PA4G	MPLS Port and Access service at 4 Gbps			\$6,337.00	Each	Yes	Required
31	MPLS Port and Access service at 5 Gbps	ATS-MSR-MPLS-PA5G	MPLS Port and Access service at 5 Gbps			\$6,837.00	Each	Yes	Required
32	MPLS Port and Access service at 6 Gbps	ATS-MSR-MPLS-PA6G	MPLS Port and Access service at 6 Gbps			\$7,337.00	Each	Yes	Required
33	MPLS Port and Access service at 7 Gbps	ATS-MSR-MPLS-PA7G	MPLS Port and Access service at 7 Gbps			\$8,504.00	Each	Yes	Required
34	MPLS Port and Access service at 8 Gbps	ATS-MSR-MPLS-PA8G	MPLS Port and Access service at 8 Gbps			\$9,004.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
35	MPLS Port and Access service at 9 Gbps	ATS-MSR-MPLS-PA9G	MPLS Port and Access service at 9 Gbps			\$9,504.00	Each	Yes	Required
36	MPLS Port and Access service at 10 Gbps	ATS-MSR-MPLS-PA10G	MPLS Port and Access service at 10 Gbps			\$12,504.00	Each	Yes	Required

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

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	MPLS port, access and Layer 3 routing device bundled service at 1 Mbps	ATS-BUN-MPLS-R1M	MPLS port, access and Layer 3 routing device bundled service at 1 Mbps		\$375.00	\$ 617.00	Each	Yes	Required
2	MPLS port, access and Layer 3 routing device bundled service at 3 Mbps	ATS-BUN-MPLS-R3M	MPLS port, access and Layer 3 routing device bundled service at 3 Mbps		\$375.00	\$ 798.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
3	MPLS port, access and Layer 3 routing device bundled service at 4 Mbps	ATS-BUN-MPLS-R4M	MPLS port, access and Layer 3 routing device bundled service at 4 Mbps		\$ 575.00	\$ 1,192.00	Each	Yes	Required
4	MPLS port, access and Layer 3 routing device bundled service at 5 Mbps	ATS-BUN-MPLS-R5M	MPLS port, access and Layer 3 routing device bundled service at 5 Mbps		\$975.00	\$ 1,593.00	Each	Yes	Required
5	MPLS port, access and Layer 3 routing device bundled service at 7 Mbps	ATS-BUN-MPLS-R7M	MPLS port, access and Layer 3 routing device bundled service at 7 Mbps		\$975.00	\$ 1,623.00	Each	Yes	Required
6	MPLS port, access and Layer 3 routing device bundled service at 9 Mbps	ATS-BUN-MPLS-R9M	MPLS port, access and Layer 3 routing device bundled service at 9 Mbps		\$975.00	\$ 1,715.00	Each	Yes	Required
7	MPLS port, access and Layer 3 routing device bundled service at 10 Mbps	ATS-BUN-MPLS-R10M	MPLS port, access and Layer 3 routing device bundled service at 10 Mbps		\$1,430.00	\$ 1,965.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
8	MPLS port, access and Layer 3 routing device bundled service at 12 Mbps	ATS-BUN-MPLS-R12M	MPLS port, access and Layer 3 routing device bundled service at 12 Mbps		\$1,430.00	\$ 1,986.00	Each	Yes	Required
9	MPLS port, access and Layer 3 routing device bundled service at 15 Mbps	ATS-BUN-MPLS-R15M	MPLS port, access and Layer 3 routing device bundled service at 15 Mbps		\$1,430.00	\$ 2,010.00	Each	Yes	Required
10	MPLS port, access and Layer 3 routing device bundled service at 20 Mbps	ATS-BUN-MPLS-R20M	MPLS port, access and Layer 3 routing device bundled service at 20 Mbps		\$1,430.00	\$ 2,060.00	Each	Yes	Required
11	MPLS port, access and Layer 3 routing device bundled service at 30 Mbps	ATS-BUN-MPLS-R30M	MPLS port, access and Layer 3 routing device bundled service at 30 Mbps		\$1,430.00	\$ 2,160.00	Each	Yes	Required
12	MPLS port, access and Layer 3 routing device bundled service at 40 Mbps	ATS-BUN-MPLS-R40M	MPLS port, access and Layer 3 routing device bundled service at 40 Mbps		\$1,430.00	\$ 2,200.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
13	MPLS port, access and Layer 3 routing device bundled service at 50 Mbps	ATS-BUN-MPLS-R50M	MPLS port, access and Layer 3 routing device bundled service at 50 Mbps		\$2,465.00	\$2,225.00	Each	Yes	Required
14	MPLS port, access and Layer 3 routing device bundled service at 60 Mbps	ATS-BUN-MPLS-R60M	MPLS port, access and Layer 3 routing device bundled service at 60 Mbps		\$2,465.00	\$2,263.00	Each	Yes	Required
15	MPLS port, access and Layer 3 routing device bundled service at 70 Mbps	ATS-BUN-MPLS-R70M	MPLS port, access and Layer 3 routing device bundled service at 70 Mbps		\$2,465.00	\$2,281.00	Each	Yes	Required
16	MPLS port, access and Layer 3 routing device bundled service at 80 Mbps	ATS-BUN-MPLS-R80M	MPLS port, access and Layer 3 routing device bundled service at 80 Mbps		\$2,465.00	\$2,476.00	Each	Yes	Required
17	MPLS port, access and Layer 3 routing device bundled service at 90 Mbps	ATS-BUN-MPLS-R90M	MPLS port, access and Layer 3 routing device bundled service at 90 Mbps		\$2,465.00	\$2,489.00		Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
18	MPLS port, access and Layer 3 routing device bundled service at 100 Mbps	ATS-BUN-MPLS-R100M	MPLS port, access and Layer 3 routing device bundled service at 100 Mbps		\$5,735.00	\$2,540.00		Yes	Required
19	MPLS port, access and Layer 3 routing device bundled service at 150 Mbps	ATS-BUN-MPLS-R150M	MPLS port, access and Layer 3 routing device bundled service at 150 Mbps		\$5,735.00	\$3,387.00		Yes	Required
20	MPLS port, access and Layer 3 routing device bundled service at 200 Mbps	ATS-BUN-MPLS-R200M	MPLS port, access and Layer 3 routing device bundled service at 200 Mbps		\$5,735.00	\$3,514.00		Yes	Required
21	MPLS port, access and Layer 3 routing device bundled service at 250 Mbps	ATS-BUN-MPLS-R250M	MPLS port, access and Layer 3 routing device bundled service at 250 Mbps		\$5,735.00	\$3,568.00		Yes	Required
22	MPLS port, access and Layer 3 routing device bundled service at 300 Mbps	ATS-BUN-MPLS-R300M	MPLS port, access and Layer 3 routing device bundled service at 300 Mbps		\$5,735.00	\$4,175.00		Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
23	MPLS port, access and Layer 3 routing device bundled service at 400 Mbps	ATS-BUN-MPLS-R400M	MPLS port, access and Layer 3 routing device bundled service at 400 Mbps		\$5,735.00	\$4,556.00		Yes	Required
24	MPLS port, access and Layer 3 routing device bundled service at 500 Mbps	ATS-BUN-MPLS-R500M	MPLS port, access and Layer 3 routing device bundled service at 500 Mbps		\$5,735.00	\$4,975.00		Yes	Required
25	MPLS port, access and Layer 3 routing device bundled service at 600 Mbps	ATS-BUN-MPLS-R600M	MPLS port, access and Layer 3 routing device bundled service at 600 Mbps		\$5,735.00	\$5,436.00		Yes	Required
26	MPLS port, access and Layer 3 routing device bundled service at 700 Mbps	ATS-BUN-MPLS-R700M	MPLS port, access and Layer 3 routing device bundled service at 700 Mbps		\$5,735.00	\$5,943.00		Yes	Required
27	MPLS port, access and Layer 3 routing device bundled service at 1 Gbps	ATS-BUN-MPLS-R1G	MPLS port, access and Layer 3 routing device bundled service at 1 Gbps		\$8,340.00	\$7,147.00		Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
28	MPLS port, access and Layer 3 routing device bundled service at 2 Gbps	ATS-BUN-MPLS-R2G	MPLS port, access and Layer 3 routing device bundled service at 2 Gbps		\$8,340.00	\$9,050.00		Yes	Required
29	MPLS port, access and Layer 3 routing device bundled service at 3 Gbps	ATS-BUN-MPLS-R3G	MPLS port, access and Layer 3 routing device bundled service at 3 Gbps		\$8,340.00	\$9,276.00		Yes	Required
30	MPLS port, access and Layer 3 routing device bundled service at 4 Gbps	ATS-BUN-MPLS-R4G	MPLS port, access and Layer 3 routing device bundled service at 4 Gbps		\$8,340.00	\$9,390.00		Yes	Required
31	MPLS port, access and Layer 3 routing device bundled service at 5 Gbps	ATS-BUN-MPLS-R5G	MPLS port, access and Layer 3 routing device bundled service at 5 Gbps		\$11,900.00	\$9,534.00		Yes	Required
32	MPLS port, access and Layer 3 routing device bundled service at 6 Gbps	ATS-BUN-MPLS-R6G	MPLS port, access and Layer 3 routing device bundled service at 6 Gbps		\$11,900.00	\$10,432.00		Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
33	MPLS port, access and Layer 3 routing device bundled service at 7 Gbps	ATS-BUN-MPLS-R7G	MPLS port, access and Layer 3 routing device bundled service at 7 Gbps		\$11,900.00	\$11,420.00		Yes	Required
34	MPLS port, access and Layer 3 routing device bundled service at 8 Gbps	ATS-BUN-MPLS-R8G	MPLS port, access and Layer 3 routing device bundled service at 8 Gbps		\$11,900.00	\$12,507.00		Yes	Required
35	MPLS port, access and Layer 3 routing device bundled service at 9 Gbps	ATS-BUN-MPLS-R9G	MPLS port, access and Layer 3 routing device bundled service at 9 Gbps		\$11,900.00	\$13,702.00		Yes	Required
36	MPLS port, access and Layer 3 routing device bundled service at 10 Gbps	ATS-BUN-MPLS-R10G	MPLS port, access and Layer 3 routing device bundled service at 10 Gbps		\$11,900.00	\$15,017.00		Yes	Required
37	Out-of-band access to the managed layer 3 routing device	ATS-BUN-MPLS-ROBA	Out-of-band access to the managed layer 3 routing device		\$2,755.00	\$24.75		Yes	Required

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

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	MNFS Standard		NWN's Managed Network Function Services (MNFS) is a managed service that allows Customers to deploy and use one or more Virtual Network Functions in conjunction with associated NWN Equipment which may be included in the Customer's solution. Virtual Network Functions are networking capabilities, such as routing, that have traditionally been						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			implemented in single-purpose hardware appliances and can now run as virtualized software instances at the customer site. The Service consists of NWN owned and managed Host (CPE) with Virtual Network Functions (VNF). Other VNFs, such as SDWAN, firewall and WAN acceleration, NWN or customer managed, can be added to the host (subject to limitations). A customer managed router VNF is available.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
2	MNFS Standard uCPE NWN U210	ATS-CNR-MNFS001	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$79.00	Device	Yes	Required
3	MNFS Standard uCPE NWN U410	ATS-CNR-MNFS002	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$148.00	Device	Yes	Required
4	MNFS Standard uCPE NWN U412	ATS-CNR-MNFS003	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$185.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
5	MNFS Standard uCPE NWN U210-T	ATS-CNR-MNFS004	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$97.00	Device	Yes	Required
6	MNFS Standard uCPE NWN U410-T	ATS-CNR-MNFS005	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$166.00	Device	Yes	Required
7	MNFS Standard uCPE NWN U412-T	ATS-CNR-MNFS006	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$203.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
8	MNFS Standard uCPE NWN V150	ATS-CNR-MNFS007	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$69.00	Device	Yes	Required
9	MNFS Standard uCPE NWN V250	ATS-CNR-MNFS008	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$79.00	Device	Yes	Required
10	MNFS Standard uCPE NWN V450	ATS-CNR-MNFS009	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$148.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
11	MNFS Standard uCPE NWN V150-T	ATS-CNR-MNFS010	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$87.00	Device	Yes	Required
12	MNFS Standard uCPE NWN V250-T	ATS-CNR-MNFS011	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$97.00	Device	Yes	Required
13	MNFS Standard uCPE NWN V450-T	ATS-CNR-MNFS012	NWN Branded, Owned and Managed uCPE. May require phone line provided separately for maintenance.		\$0.00	\$166.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
14	Managed VNF Juniper vSRX 100M	ATS-CNR-MNFS013	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$20.00	VNF	Yes	Required
15	Managed VNF Juniper vSRX 300M	ATS-CNR-MNFS014	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$20.00	VNF	Yes	Required
16	Managed VNF Juniper vSRX 1G	ATS-CNR-MNFS015	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$90.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
17	Managed VNF Cisco CSR 10M	ATS-CNR-MNFS016	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$46.00	VNF	Yes	Required
18	Managed VNF Cisco CSR 50M	ATS-CNR-MNFS017	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$66.00	VNF	Yes	Required
19	Managed VNF Cisco CSR 100M	ATS-CNR-MNFS018	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$101.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
20	Managed VNF Cisco CSR 250M	ATS-CNR-MNFS019	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$191.00	VNF	Yes	Required
21	Managed VNF Cisco CSR 500M	ATS-CNR-MNFS020	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$245.00	VNF	Yes	Required
22	Managed VNF Cisco CSR 1G	ATS-CNR-MNFS021	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$307.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
23	Managed VNF Cisco CSR 2.5G	ATS-CNR-MNFS022	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$415.00	VNF	Yes	Required
24	Managed VNF Cisco CSR AX 10M	ATS-CNR-MNFS023	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$60.00	VNF	Yes	Required
25	Managed VNF Cisco CSR AX 50M	ATS-CNR-MNFS024	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$86.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
26	Managed VNF Cisco CSR AX 100M	ATS-CNR-MNFS025	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$132.00	VNF	Yes	Required
27	Managed VNF Cisco CSR AX 250M	ATS-CNR-MNFS026	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$239.00	VNF	Yes	Required
28	Managed VNF Cisco CSR AX 500M	ATS-CNR-MNFS027	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$305.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
29	Managed VNF Cisco CSR AX 1G	ATS-CNR-MNFS028	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$406.00	VNF	Yes	Required
30	Managed VNF Cisco CSR AX 2.5G	ATS-CNR-MNFS029	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$561.00	VNF	Yes	Required
31	Managed VNF Fortinet FortiGate - VM00 Essential	ATS-CNR-MNFS030	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$150.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
32	Managed VNF Fortinet FortiGate - VM01 Essential	ATS-CNR-MNFS031	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$250.00	VNF	Yes	Required
33	Managed VNF Fortinet FortiGate - VM02 Essential	ATS-CNR-MNFS032	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$475.00	VNF	Yes	Required
34	Managed VNF Fortinet FortiGate - VM04 Essential	ATS-CNR-MNFS033	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$575.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
35	Managed VNF Fortinet FortiGate - VM08 Essential	ATS-CNR-MNFS034	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$950.00	VNF	Yes	Required
36	Managed VNF Palo Alto VM50 - Essential	ATS-CNR-MNFS035	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$225.00	VNF	Yes	Required
37	Managed VNF Palo Alto VM100 - Essential	ATS-CNR-MNFS036	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$500.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
38	Managed VNF Palo Alto VM300 - Essential	ATS-CNR-MNFS037	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$700.00	VNF	Yes	Required
39	Managed VNF Fortinet FortiGate - VM00 Enhanced	ATS-CNR-MNFS038	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$300.00	VNF	Yes	Required
40	Managed VNF Fortinet FortiGate - VM01 Enhanced	ATS-CNR-MNFS039	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$400.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
41	Managed VNF Fortinet FortiGate - VM02 Enhanced	ATS-CNR-MNFS040	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$650.00	VNF	Yes	Required
42	Managed VNF Fortinet FortiGate - VM04 Enhanced	ATS-CNR-MNFS041	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$825.00	VNF	Yes	Required
43	Managed VNF Fortinet FortiGate - VM08 Enhanced	ATS-CNR-MNFS042	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$1,200.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
44	Managed VNF Palo Alto VM50 Enhanced	ATS-CNR-MNFS043	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$400.00	VNF	Yes	Required
45	Managed VNF Palo Alto VM100 Enhanced	ATS-CNR-MNFS044	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$675.00	VNF	Yes	Required
46	Managed VNF Palo Alto VM300 Enhanced	ATS-CNR-MNFS045	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$925.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
47	Managed VNF Juniper vSRX 100M Enhanced	ATS-CNR-MNFS046	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$345.00	VNF	Yes	Required
48	Managed VNF Juniper vSRX 1G Enhanced	ATS-CNR-MNFS047	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$469.00	VNF	Yes	Required
49	Managed VNF Riverbed Steelhead VCX-10	ATS-CNR-MNFS048	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$95.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
50	Managed VNF Riverbed Steelhead VCX-20	ATS-CNR-MNFS049	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$154.00	VNF	Yes	Required
51	Managed VNF Riverbed Steelhead VCX-30	ATS-CNR-MNFS050	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$243.00	VNF	Yes	Required
52	Managed VNF Riverbed Steelhead VCX-40	ATS-CNR-MNFS051	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$314.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
53	Managed VNF Riverbed Steelhead VCX-50	ATS-CNR-MNFS052	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$444.00	VNF	Yes	Required
54	Managed VNF Riverbed Steelhead VCX-60	ATS-CNR-MNFS053	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$738.00	VNF	Yes	Required
55	VNF Self Managed Juniper vSRX 100M	ATS-CNR-MNFS054	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$15.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
56	VNF Self Managed Juniper vSRX 300M	ATS-CNR-MNFS055	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$15.00	VNF	Yes	Required
57	VNF Self Managed Juniper vSRX 1G	ATS-CNR-MNFS056	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$90.00	VNF	Yes	Required
58	VNF Self Managed VeloCloud vEdge ENT 10M	ATS-CNR-MNFS057	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$90.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
59	VNF Self Managed VeloCloud vEdge ENT 30M	ATS-CNR-MNFS058	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$100.00	VNF	Yes	Required
60	VNF Self Managed VeloCloud vEdge ENT 50M	ATS-CNR-MNFS059	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$110.00	VNF	Yes	Required
61	VNF Self Managed VeloCloud vEdge ENT 100M	ATS-CNR-MNFS060	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$160.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
62	VNF Self Managed VeloCloud vEdge ENT 200M	ATS-CNR-MNFS061	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$215.00	VNF	Yes	Required
63	VNF Self Managed VeloCloud vEdge ENT 300M	ATS-CNR-MNFS062	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$270.00	VNF	Yes	Required
64	VNF Self Managed VeloCloud vEdge ENT 400M	ATS-CNR-MNFS063	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$273.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
65	VNF Self Managed VeloCloud vEdge ENT 1G	ATS-CNR-MNFS064	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$343.00	VNF	Yes	Required
66	VNF Self Managed VeloCloud vEdge PRE 10M	ATS-CNR-MNFS065	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$100.00	VNF	Yes	Required
67	VNF Self Managed VeloCloud vEdge PRE 30M	ATS-CNR-MNFS066	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$120.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
68	VNF Self Managed VeloCloud vEdge PRE 50M	ATS-CNR-MNFS067	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$140.00	VNF	Yes	Required
69	VNF Self Managed VeloCloud vEdge PRE 100M	ATS-CNR-MNFS068	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$180.00	VNF	Yes	Required
70	VNF Self Managed VeloCloud vEdge PRE 200M	ATS-CNR-MNFS069	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$260.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
71	VNF Self Managed VeloCloud vEdge PRE 300M	ATS-CNR-MNFS070	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$320.00	VNF	Yes	Required
72	VNF Self Managed VeloCloud vEdge PRE 400M	ATS-CNR-MNFS071	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$343.00	VNF	Yes	Required
73	VNF Self Managed VeloCloud vEdge PRE 1G	ATS-CNR-MNFS072	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$563.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
74	VNF Self Managed Fortinet FortiGate - VM00 Essential	ATS-CNR-MNFS073	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$75.00	VNF	Yes	Required
75	VNF Self Managed Fortinet FortiGate - VM01 Essential	ATS-CNR-MNFS074	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$150.00	VNF	Yes	Required
76	VNF Self Managed Fortinet FortiGate - VM02 Essential	ATS-CNR-MNFS075	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$350.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
77	VNF Self Managed Fortinet FortiGate - VM04 Essential	ATS-CNR-MNFS076	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$450.00	VNF	Yes	Required
78	VNF Self Managed Fortinet FortiGate - VM08 Essential	ATS-CNR-MNFS077	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$800.00	VNF	Yes	Required
79	VNF Self Managed Palo Alto VM50 - Essential	ATS-CNR-MNFS078	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$125.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
80	VNF Self Managed Palo Alto VM100 - Essential	ATS-CNR-MNFS079	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$375.00	VNF	Yes	Required
81	VNF Self Managed Palo Alto VM300 - Essential	ATS-CNR-MNFS080	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$550.00	VNF	Yes	Required
82	VNF Self Managed Checkpoint VE10 - Essential	ATS-CNR-MNFS081	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$60.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
83	VNF Self Managed Checkpoint VE50 - Essential	ATS-CNR-MNFS082	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$125.00	VNF	Yes	Required
84	VNF Self Managed Checkpoint VE250 - Essential	ATS-CNR-MNFS083	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$300.00	VNF	Yes	Required
85	VNF Self Managed Checkpoint VE500 - Essential	ATS-CNR-MNFS084	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$375.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
86	VNF Self Managed Checkpoint VE1000 - Essential	ATS-CNR-MNFS085	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$625.00	VNF	Yes	Required
87	VNF Self Managed Fortinet FortiGate - VM00 Enhanced	ATS-CNR-MNFS086	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$100.00	VNF	Yes	Required
88	VNF Self Managed Fortinet FortiGate - VM01 Enhanced	ATS-CNR-MNFS087	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$200.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
89	VNF Self Managed Fortinet FortiGate - VM02 Enhanced	ATS-CNR-MNFS088	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$450.00	VNF	Yes	Required
90	VNF Self Managed Fortinet FortiGate - VM04 Enhanced	ATS-CNR-MNFS089	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$600.00	VNF	Yes	Required
91	VNF Self Managed Fortinet FortiGate - VM08 Enhanced	ATS-CNR-MNFS090	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$950.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
92	VNF Self Managed Juniper vSRX 10M Enhanced	ATS-CNR-MNFS091	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$100.00	VNF	Yes	Required
93	VNF Self Managed Juniper vSRX 100M Enhanced	ATS-CNR-MNFS092	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$325.00	VNF	Yes	Required
94	VNF Self Managed Juniper vSRX 1G Enhanced	ATS-CNR-MNFS093	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$450.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
95	VNF Self Managed Palo Alto VM50 Enhanced	ATS-CNR-MNFS094	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$200.00	VNF	Yes	Required
96	VNF Self Managed Palo Alto VM100 Enhanced	ATS-CNR-MNFS095	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$475.00	VNF	Yes	Required
97	VNF Self Managed Palo Alto VM300 Enhanced	ATS-CNR-MNFS096	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$675.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
98	VNF Self Managed Checkpoint VE10 Enhanced	ATS-CNR-MNFS097	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$85.00	VNF	Yes	Required
99	VNF Self Managed Checkpoint VE50 Enhanced	ATS-CNR-MNFS098	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$150.00	VNF	Yes	Required
100	VNF Self Managed Checkpoint VE250 Enhanced	ATS-CNR-MNFS099	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$450.00	VNF	Yes	Required

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101	VNF Self Managed Checkpoint VE500 Enhanced	ATS-CNR-MNFS100	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$625.00	VNF	Yes	Required
102	VNF Self Managed Checkpoint VE1000 Enhanced	ATS-CNR-MNFS101	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$1,000.00	VNF	Yes	Required
103	VNF Self Managed Riverbed Steelhead VCX-10	ATS-CNR-MNFS102	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$23.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
104	VNF Self Managed Riverbed Steelhead VCX-20	ATS-CNR-MNFS103	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$82.00	VNF	Yes	Required
105	VNF Self Managed Riverbed Steelhead VCX-30	ATS-CNR-MNFS104	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$173.00	VNF	Yes	Required
106	VNF Self Managed Riverbed Steelhead VCX-40	ATS-CNR-MNFS105	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$244.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
107	VNF Self Managed Riverbed Steelhead VCX-50	ATS-CNR-MNFS106	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$374.00	VNF	Yes	Required
108	VNF Self Managed Riverbed Steelhead VCX-60	ATS-CNR-MNFS107	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$668.00	VNF	Yes	Required
109	VNF Self Managed Visibility with Salsa Orchestrator	ATS-CNR-MNFS108	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$37.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
110	VNF Self Managed QoE Control with Salsa Orchestrator 10M	ATS-CNR-MNFS109	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$67.00	VNF	Yes	Required
111	VNF Self Managed QoE Control with Salsa Orchestrator 50M	ATS-CNR-MNFS110	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$140.00	VNF	Yes	Required
112	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 10M	ATS-CNR-MNFS111	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$97.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
113	VNF Self Managed WAN Opt + QoE Control with Salsa Orchestrator 50M	ATS-CNR-MNFS112	MNFS Standard VNF's must be configured on MNFS Standard uCPE devices with adequate capacity or compatible vendor-specific hardware.		\$0.00	\$258.00	VNF	Yes	Required
114	Installation - MNFS Host	ATS-CNR-MNFS113	Installation - MNFS Standard Host		\$0.00	\$0.00	Installati on	Yes	Required
115	MNFS Hardware Installation Per Unit	ATS-CNR-MNFS114	MNFS Standard Hardware Installation Per Unit		\$0.00	\$0.00	Installati on	Yes	Required

116	MNFS Premium		NWN's Managed Network Function Services (MNFS) is a managed service that allows Customers to deploy and use one or more Virtual Network Functions in conjunction with associated NWN Equipment which may be included in the Customer's solution. Virtual Network Functions are networking capabilities, such as routing, that have traditionally been implemented in single-purpose hardware appliances and can now run as virtualized						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			software instances at the customer site. The Service consists of NWN owned and managed Host (CPE) with Virtual Network Functions (VNF). Other VNFs, such as SDWAN, firewall and WAN acceleration, NWN or customer managed, can be added to the host (subject to limitations). A customer managed router VNF is available.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
117	uCPE NWN MNFS Premium White Label Small Device - Non-Recurring Charge	ATS-CNN-MNFP00	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$818.18		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
118	uCPE NWN MNFS Premium White Label Small Device - Monthly Recurring Charge	ATS-CNR-MNFP00	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$744.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
119	uCPE NWN MNFS Premium White Label Medium Device - Non-Recurring Charge	ATS-CNN-MNFP01	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$818.18		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
120	uCPE NWN MNFS Premium White Label Medium Device - Monthly Recurring Charge	ATS-CNR-MNFP01	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$831.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
121	uCPE NWN MNFS Premium White Label Large Device - Non-Recurring Charge	ATS-CNN-MNFP02	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,022.73		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
122	uCPE NWN MNFS Premium White Label Large Device - Monthly Recurring Charge	ATS-CNR-MNFP02	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$976.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
123	uCPE NWN MNFS Premium Unmanaged 3906 Large+Super FRU - Non-Recurring Charge	ATS-CNN-MNFP03	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,136.36		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
124	uCPE NWN MNFS Premium Unmanaged 3906 Large+Super FRU - Monthly Recurring Charge	ATS-CNR-MNFP03	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$865.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
125	uCPE NWN MNFS Premium Managed 3906 Large+Super FRU - Non-Recurring Charge	ATS-CNN-MNFP04	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,136.36		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
126	uCPE NWN MNFS Premium Managed 3906 Large+Super FRU - Monthly Recurring Charge	ATS-CNR-MNFP04	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$882.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
127	uCPE NWN MNFS Premium Unmanaged 3926 Large+Super FRU - Non-Recurring Charge	ATS-CNN-MNFP05	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,136.36		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
128	uCPE NWN MNFS Premium Unmanaged 3926 Large+Super FRU - Monthly Recurring Charge	ATS-CNR-MNFP05	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$1,003.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
129	uCPE NWN MNFS Premium Managed 3926 Large+Super FRU - Non-Recurring Charge	ATS-CNN-MNFP06	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,136.36		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
130	uCPE NWN MNFS Premium Managed 3926 Large+Super FRU - Monthly Recurring Charge	ATS-CNR-MNFP06	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$1,020.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
131	uCPE NWN MNFS Premium Unmanaged 3906 Medium - Non-Recurring Charge	ATS-CNN-MNFP07	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$715.91		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
132	uCPE NWN MNFS Premium Unmanaged 3906 Medium - Monthly Recurring Charge	ATS-CNR-MNFP07	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$722.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
133	uCPE NWN MNFS Premium Managed 3906 Medium - Non-Recurring Charge	ATS-CNN-MNFP08	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$715.91		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
134	uCPE NWN MNFS Premium Managed 3906 Medium - Monthly Recurring Charge	ATS-CNR-MNFP08	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$739.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
135	uCPE NWN MNFS Premium Unmanaged 3906 Large - Non-Recurring Charge	ATS-CNN-MNFP09	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$818.18		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
136	uCPE NWN MNFS Premium Unmanaged 3906 Large - Monthly Recurring Charge	ATS-CNR-MNFP09	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$808.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
137	uCPE NWN MNFS Premium Managed 3906 Large - Non-Recurring Charge	ATS-CNN-MNFP10	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$818.18		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
138	uCPE NWN MNFS Premium Managed 3906 Large - Monthly Recurring Charge	ATS-CNR-MNFP10	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$826.00	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
139	uCPE NWN MNFS Premium Unmanaged 3926 Large - Non-Recurring Charge	ATS-CNN-MNFP11	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,022.73		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
140	uCPE NWN MNFS Premium Unmanaged 3926 Large - Monthly Recurring Charge	ATS-CNR-MNFP11	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$834.04	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
141	uCPE NWN MNFS Premium Managed 3926 Large - Non-Recurring Charge	ATS-CNN-MNFP12	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.		\$1,022.73		Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
142	uCPE NWN MNFS Premium Managed 3926 Large - Monthly Recurring Charge	ATS-CNR-MNFP12	NWN MNFS Premium uCPE device built on open hardware standard utilizes a common virtualization engine DNFVi. Orchestration, Virtual Network Functions (VNF)VNF service chaining and up to 10 Gbps network connection speeds.			\$971.00	Device	Yes	Required
143	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-10 (Note1)	ATS-CNR-MNFP13	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$165.75	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
144	NWN MNFS Premium Virtual Network Function Managed - SteelHead VCX-10 (Note1)	ATS-CNR-MNFP14	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$182.69	VNF	Yes	Required
145	NWN MNFS Premium Virtual Network Function Unmanaged- SteelHead VCX-20 (Note1)	ATS-CNR-MNFP15	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$269.48	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
146	NWN MNFS Premium Virtual Network Function Managed - SteelHead VCX-20 (Note1)	ATS-CNR-MNFP16	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$286.41	VNF	Yes	Required
147	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-30	ATS-CNR-MNFP17	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$455.29	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
148	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-30	ATS-CNR-MNFP18	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$472.23	VNF	Yes	Required
149	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-40	ATS-CNR-MNFP19	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$579.38	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
150	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-40	ATS-CNR-MNFP20	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$596.32	VNF	Yes	Required
151	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-50	ATS-CNR-MNFP21	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$807.20	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
152	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-50	ATS-CNR-MNFP22	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$824.14	VNF	Yes	Required
153	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-60	ATS-CNR-MNFP23	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,323.93	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
154	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-60	ATS-CNR-MNFP24	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,340.87	VNF	Yes	Required
155	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-70	ATS-CNR-MNFP25	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,275.29	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
156	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-70	ATS-CNR-MNFP26	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,292.23	VNF	Yes	Required
157	NWN MNFS Premium Virtual Network Function Unmanaged-SteelHead VCX-80	ATS-CNR-MNFP27	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,847.11	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
158	NWN MNFS Premium Virtual Network Function Managed-SteelHead VCX-80	ATS-CNR-MNFP28	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,864.05	VNF	Yes	Required
159	NWN MNFS Premium Virtual Network Function Unmanaged-Fortigate VM00	ATS-CNR-MNFP29	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$86.78	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
160	NWN MNFS Premium Virtual Network Function Managed-Fortigate VM00	ATS-CNR-MNFP30	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$393.66	VNF	Yes	Required
161	NWN MNFS Premium Virtual Network Function Unmanaged-Fortigate VM01	ATS-CNR-MNFP31	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$126.78	VNF	Yes	Required

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162	NWN MNFS Premium Virtual Network Function Managed-Fortigate VM01	ATS-CNR-MNFP32	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$433.66	VNF	Yes	Required
163	NWN MNFS Premium Virtual Network Function Unmanaged-Fortigate VM02	ATS-CNR-MNFP33	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$195.87	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
164	NWN MNFS Premium Virtual Network Function Managed-Fortigate VM02	ATS-CNR-MNFP34	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$642.75	VNF	Yes	Required
165	NWN MNFS Premium Virtual Network Function Unmanaged-Fortigate VM04	ATS-CNR-MNFP35	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$334.06	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
166	NWN MNFS Premium Virtual Network Function Managed-Fortigate VM04	ATS-CNR-MNFP36	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$919.39	VNF	Yes	Required
167	NWN MNFS Premium Virtual Network Function Unmanaged-Fortigate VM08	ATS-CNR-MNFP37	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$609.21	VNF	Yes	Required

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168	NWN MNFS Premium Virtual Network Function Managed-Fortigate VM08	ATS-CNR-MNFP38	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,474.55	VNF	Yes	Required
169	NWN MNFS Premium Virtual Network Function Unmanaged-Palo Alto VM- 50	ATS-CNR-MNFP39	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$213.44	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
170	NWN MNFS Premium Virtual Network Function Managed- Palo Alto VM- 50	ATS-CNR-MNFP40	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$435.70	VNF	Yes	Required
171	NWN MNFS Premium Virtual Network Function Unmanaged- Palo Alto VM- 100	ATS-CNR-MNFP41	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$310.10	VNF	Yes	Required

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172	NWN MNFS Premium Virtual Network Function Managed- Palo Alto VM- 100	ATS-CNR-MNFP42	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$632.37	VNF	Yes	Required
173	NWN MNFS Premium Virtual Network Function Unmanaged- Palo Alto VM- 300	ATS-CNR-MNFP43	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$463.44	VNF	Yes	Required

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174	NWN MNFS Premium Virtual Network Function Managed- Palo Alto VM- 300	ATS-CNR-MNFP44	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$885.70	VNF	Yes	Required
175	NWN MNFS Premium Virtual Network Function Unmanaged- Palo Alto VM- 500	ATS-CNR-MNFP45	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,040.10	VNF	Yes	Required

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176	NWN MNFS Premium Virtual Network Function Managed- Palo Alto VM- 500	ATS-CNR-MNFP46	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,663.90	VNF	Yes	Required
177	NWN MNFS Premium Virtual Network Function Unmanaged- Mediant VE SBC KVM Small 250	ATS-CNR-MNFP47	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$699.14	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
178	NWN MNFS Premium Virtual Network Function Managed-Mediant VE SBC KVM Small 250	ATS-CNR-MNFP48	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$717.91	VNF	Yes	Required
179	NWN MNFS Premium Virtual Network Function Unmanaged-Mediant VE SBC KVM Medium 1400	ATS-CNR-MNFP49	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,436.51	VNF	Yes	Required

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180	NWN MNFS Premium Virtual Network Function Managed-Mediant VE SBC KVM Medium 1400	ATS-CNR-MNFP50	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,455.28	VNF	Yes	Required
181	NWN MNFS Premium Virtual Network Function Unmanaged-Mediant VE SBC KVM Large 2700	ATS-CNR-MNFP51	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,974.69	VNF	Yes	Required

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182	NWN MNFS Premium Virtual Network Function Managed-Mediant VE SBC KVM Large 2700	ATS-CNR-MNFP52	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,993.46	VNF	Yes	Required
183	NWN MNFS Premium Virtual Network Function Unmanaged-Mediant VE SBC KVM Extra Large 10000	ATS-CNR-MNFP53	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,668.63	VNF	Yes	Required

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184	NWN MNFS Premium Virtual Network Function Managed-Mediant VE SBC KVM Extra Large 10000	ATS-CNR-MNFP54	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,687.40	VNF	Yes	Required
185	NWN MNFS Premium Virtual Network Function Unmanaged-Vyatta v5600 - 250M	ATS-CNR-MNFP55	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$109.02	VNF	Yes	Required

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186	NWN MNFS Premium Virtual Network Function Managed- Vyatta v5600 - 250M	ATS-CNR-MNFP56	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$124.00	VNF	Yes	Required
187	NWN MNFS Premium Virtual Network Function Unmanaged- Vyatta v5600 - 500M	ATS-CNR-MNFP57	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$127.43	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
188	NWN MNFS Premium Virtual Network Function Managed- Vyatta v5600 - 500M	ATS-CNR-MNFP58	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$142.41	VNF	Yes	Required
189	NWN MNFS Premium Virtual Network Function Unmanaged- Vyatta v5600 - 5G	ATS-CNR-MNFP59	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$146.08	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
190	NWN MNFS Premium Virtual Network Function Managed- Vyatta v5600 - 5G	ATS-CNR-MNFP60	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$161.07	VNF	Yes	Required
191	NWN MNFS Premium Virtual Network Function Unmanaged- Vyatta v5600 - 10G	ATS-CNR-MNFP61	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$174.14	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
192	NWN MNFS Premium Virtual Network Function Managed- Vyatta v5600 - 10G	ATS-CNR-MNFP62	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$189.12	VNF	Yes	Required
193	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00010-ENT- VEDG-XX	ATS-CNR-MNFP63	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$227.47	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
194	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00010-ENT- VEDG-XX	ATS-CNR-MNFP64	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$244.84	VNF	Yes	Required
195	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00030-ENT- VEDG-XX	ATS-CNR-MNFP65	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$251.22	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
196	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00030-ENT- VEDG-XX	ATS-CNR-MNFP66	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$268.59	VNF	Yes	Required
197	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT- VEDG-XX	ATS-CNR-MNFP67	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$274.57	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
198	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00050-ENT- VEDG-XX	ATS-CNR-MNFP68	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$291.93	VNF	Yes	Required
199	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT- VEDG-XX	ATS-CNR-MNFP69	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$297.45	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
200	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00100-ENT- VEDG-XX	ATS-CNR-MNFP70	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$314.82	VNF	Yes	Required
201	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00200-ENT- VEDG-XX	ATS-CNR-MNFP71	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$463.53	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
202	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00200-ENT- VEDG-XX	ATS-CNR-MNFP72	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$480.90	VNF	Yes	Required
203	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00400-ENT- VEDG-XX	ATS-CNR-MNFP73	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$683.31	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
204	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00400-ENT- VEDG-XX	ATS-CNR-MNFP74	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$700.68	VNF	Yes	Required
205	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT- VEDG-XX	ATS-CNR-MNFP75	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,202.60	VNF	Yes	Required

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206	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-01000-ENT- VEDG-XX	ATS-CNR-MNFP76	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,219.97	VNF	Yes	Required
207	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00010-PRE- VEDG-XX	ATS-CNR-MNFP77	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$236.04	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
208	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00010-PRE- VEDG-XX	ATS-CNR-MNFP78	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$253.41	VNF	Yes	Required
209	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00030-PRE- VEDG-XX	ATS-CNR-MNFP79	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$263.40	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
210	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00030-PRE- VEDG-XX	ATS-CNR-MNFP80	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$280.77	VNF	Yes	Required
211	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE- VEDG-XX	ATS-CNR-MNFP81	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$293.45	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
212	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00050-PRE- VEDG-XX	ATS-CNR-MNFP82	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$310.82	VNF	Yes	Required
213	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00100-PRE- VEDG-XX	ATS-CNR-MNFP83	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$324.58	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
214	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00100-PRE- VEDG-XX	ATS-CNR-MNFP84	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$341.95	VNF	Yes	Required
215	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00200-PRE- VEDG-XX	ATS-CNR-MNFP85	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$512.96	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
216	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00200-PRE- VEDG-XX	ATS-CNR-MNFP86	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$530.33	VNF	Yes	Required
217	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00400-PRE- VEDG-XX	ATS-CNR-MNFP87	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$751.98	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
218	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00400-PRE- VEDG-XX	ATS-CNR-MNFP88	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$769.35	VNF	Yes	Required
219	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 10M	ATS-CNR-MNFP89	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$209.32	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
220	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 10M	ATS-CNR-MNFP90	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$231.58	VNF	Yes	Required
221	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 50M	ATS-CNR-MNFP91	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$238.25	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
222	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 50M	ATS-CNR-MNFP92	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$260.51	VNF	Yes	Required
223	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 250M	ATS-CNR-MNFP93	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$382.92	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
224	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 250M	ATS-CNR-MNFP94	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$405.18	VNF	Yes	Required
225	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 500M	ATS-CNR-MNFP95	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$563.76	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
226	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 500M	ATS-CNR-MNFP96	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$586.02	VNF	Yes	Required
227	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 1000M	ATS-CNR-MNFP97	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$925.43	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
228	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 1000M	ATS-CNR-MNFP98	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$947.69	VNF	Yes	Required
229	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 2000M	ATS-CNR-MNFP99	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,648.77	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
230	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 2000M	ATS-CNR-MNFPA0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,671.03	VNF	Yes	Required
231	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 FW - 5000M	ATS-CNR-MNFPA1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,818.80	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
232	NWN MNFS Premium Virtual Network Function Managed-R80 20 FW - 5000M	ATS-CNR-MNFPA2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,841.06	VNF	Yes	Required
233	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 10M	ATS-CNR-MNFPA3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$252.27	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
234	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 10M	ATS-CNR-MNFPA4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$279.14	VNF	Yes	Required
235	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 50M	ATS-CNR-MNFPA5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$390.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
236	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 50M	ATS-CNR-MNFPA6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$416.87	VNF	Yes	Required
237	NWN MNFS Premium Virtual Network Function Unmanaged- BYO VNF Small	ATS-CNR-MNFPA7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$132.55	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
238	NWN MNFS Premium Virtual Network Function Unmanaged-BYOVNF Medium	ATS-CNR-MNFPA8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$115.24	VNF	Yes	Required
239	NWN MNFS Premium Virtual Network Function Unmanaged-BYOVNF Large	ATS-CNR-MNFPA9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$115.24	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
240	NWN MNFS Premium Virtual Network Function Unmanaged-BYOVNF - XLarge	ATS-CNR-MNFPB0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$115.24	VNF	Yes	Required
241	NWN MNFS Premium Virtual Network Function Unmanaged-Boost (10Mb) Primary	ATS-CNR-MNFPB1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$43.94	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
242	NWN MNFS Premium Virtual Network Function Managed- Boost (10Mb) Primary	ATS-CNR-MNFPB2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$43.94	VNF	Yes	Required
243	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (20Mb) Primary	ATS-CNR-MNFPB3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$95.45	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
244	NWN MNFS Premium Virtual Network Function Managed- Boost (20Mb) Primary	ATS-CNR-MNFPB4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$95.45	VNF	Yes	Required
245	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (50Mb) Primary	ATS-CNR-MNFPB5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.70	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
246	NWN MNFS Premium Virtual Network Function Managed- Boost (50Mb) Primary	ATS-CNR-MNFPB6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.70	VNF	Yes	Required
247	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (100Mb) Primary	ATS-CNR-MNFPB7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$439.39	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
248	NWN MNFS Premium Virtual Network Function Managed- Boost (100Mb) Primary	ATS-CNR-MNFPB8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$439.39	VNF	Yes	Required
249	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (200Mb) Primary	ATS-CNR-MNFPB9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$878.79	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
250	NWN MNFS Premium Virtual Network Function Managed- Boost (200Mb) Primary	ATS-CNR-MNFPC0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$878.79	VNF	Yes	Required
251	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (500Mb) Primary	ATS-CNR-MNFPC1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,196.97	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
252	NWN MNFS Premium Virtual Network Function Managed- Boost (500Mb) Primary	ATS-CNR-MNFPC2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,196.97	VNF	Yes	Required
253	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (1000Mb) Primary	ATS-CNR-MNFPC3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$4,393.94	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
254	NWN MNFS Premium Virtual Network Function Managed- Boost (1000Mb) Primary	ATS-CNR-MNFPC4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$4,393.94	VNF	Yes	Required
255	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (10Mb) Back-up	ATS-CNR-MNFPC5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$21.97	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
256	NWN MNFS Premium Virtual Network Function Managed- Boost (10Mb) Back-up	ATS-CNR-MNFPC6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$21.97	VNF	Yes	Required
257	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (20Mb) Back-up	ATS-CNR-MNFPC7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$43.94	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
258	NWN MNFS Premium Virtual Network Function Managed- Boost (20Mb) Back-up	ATS-CNR-MNFPC8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$43.94	VNF	Yes	Required
259	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (50Mb) Back-up	ATS-CNR-MNFPC9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$109.85	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
260	NWN MNFS Premium Virtual Network Function Managed- Boost (50Mb) Back-up	ATS-CNR-MNFPD0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$109.85	VNF	Yes	Required
261	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (100Mb) Back-up	ATS-CNR-MNFPD1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.70	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
262	NWN MNFS Premium Virtual Network Function Managed- Boost (100Mb) Back-up	ATS-CNR-MNFPD2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.70	VNF	Yes	Required
263	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (200Mb) Back-up	ATS-CNR-MNFPD3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$439.39	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
264	NWN MNFS Premium Virtual Network Function Managed- Boost (200Mb) Back-up	ATS-CNR-MNFPD4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$439.39	VNF	Yes	Required
265	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (500Mb) Back-up	ATS-CNR-MNFPD5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,098.48	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
266	NWN MNFS Premium Virtual Network Function Managed- Boost (500Mb) Back-up	ATS-CNR-MNFPD6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,098.48	VNF	Yes	Required
267	NWN MNFS Premium Virtual Network Function Unmanaged- Boost (1000Mb) Back-up	ATS-CNR-MNFPD7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,196.97	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
268	NWN MNFS Premium Virtual Network Function Managed- Boost (1000Mb) Back-up	ATS-CNR-MNFPD8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,196.97	VNF	Yes	Required
269	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 50mbps	ATS-CNR-MNFPD9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$413.85	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
270	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 50mbps	ATS-CNR-MNFPE0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$440.73	VNF	Yes	Required
271	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 100mbps	ATS-CNR-MNFPE1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$532.22	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
272	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 100mbps	ATS-CNR-MNFPE2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$559.09	VNF	Yes	Required
273	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 250mbps	ATS-CNR-MNFPE3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$800.58	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
274	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 250mbps	ATS-CNR-MNFPE4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$827.46	VNF	Yes	Required
275	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 500mbps	ATS-CNR-MNFPE5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,030.39	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
276	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 500mbps	ATS-CNR-MNFPE6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,057.27	VNF	Yes	Required
277	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 1000mbps	ATS-CNR-MNFPE7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,202.63	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
278	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 1000mbps	ATS-CNR-MNFPE8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,229.50	VNF	Yes	Required
279	NWN MNFS Premium Virtual Network Function Unmanaged- Cisco CSR1000v AX - 5000mbps	ATS-CNR-MNFPE9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,523.85	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
280	NWN MNFS Premium Virtual Network Function Managed- Cisco CSR1000v AX - 5000mbps	ATS-CNR-MNFPF0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,550.73	VNF	Yes	Required
281	NWN MNFS Premium Virtual Network Function Unmanaged- Aruba MC-VA- 10	ATS-CNR-MNFPF1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$378.76	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
282	NWN MNFS Premium Virtual Network Function Managed- Aruba MC-VA- 10	ATS-CNR-MNFPP2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$405.64	VNF	Yes	Required
283	NWN MNFS Premium Virtual Network Function Unmanaged- Aruba MC-VA- 50	ATS-CNR-MNFPP3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$959.50	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
284	NWN MNFS Premium Virtual Network Function Managed- Aruba MC-VA- 50	ATS-CNR-MNFPP4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$986.38	VNF	Yes	Required
285	NWN MNFS Premium Virtual Network Function Unmanaged- Aruba MC-VA- 250	ATS-CNR-MNFPP5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,591.18	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
286	NWN MNFS Premium Virtual Network Function Managed- Aruba MC-VA- 250	ATS-CNR-MNFPP6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,618.06	VNF	Yes	Required
287	NWN MNFS Premium Virtual Network Function Unmanaged- Aruba MC-VA- 1k	ATS-CNR-MNFPP7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,911.30	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
288	NWN MNFS Premium Virtual Network Function Managed- Aruba MC-VA- 1k	ATS-CNR-MNFPP8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$2,938.17	VNF	Yes	Required
289	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00010-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPP9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$207.98	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
290	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00010-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPG0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$225.35	VNF	Yes	Required
291	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00030-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPG1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.44	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
292	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00030-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPG2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$236.81	VNF	Yes	Required
293	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 250M	ATS-CNR-MNFPG3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,078.65	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
294	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 250M	ATS-CNR-MNFPG4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,105.53	VNF	Yes	Required
295	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 500M	ATS-CNR-MNFPG5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,939.47	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
296	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 500M	ATS-CNR-MNFPG6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,966.35	VNF	Yes	Required
297	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 1000M	ATS-CNR-MNFPG7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,661.12	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
298	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 1000M	ATS-CNR-MNFPG8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$3,687.99	VNF	Yes	Required
299	NWN MNFS Premium Virtual Network Function Unmanaged- R80 20 NGTX - 2000M	ATS-CNR-MNFPG9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$7,104.40	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
300	NWN MNFS Premium Virtual Network Function Managed-R80 20 NGTX - 2000M	ATS-CNR-MNFPH0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$7,131.28	VNF	Yes	Required
301	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00050-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPH1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$233.44	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
302	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00050-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPH2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$250.81	VNF	Yes	Required
303	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00100-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPH3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$246.17	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
304	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00100-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPH4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$263.53	VNF	Yes	Required
305	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-01000-PRE- VEDG-XX	ATS-CNR-MNFPH5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,386.14	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
306	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-01000-PRE- VEDG-XX	ATS-CNR-MNFPH6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,403.51	VNF	Yes	Required
307	NWN MNFS Premium Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-20-MET)	ATS-CNR-MNFPH7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$222.22	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
308	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-20-MET)	ATS-CNR-MNFPH8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$249.09	VNF	Yes	Required
309	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-2000-MET)	ATS-CNR-MNFPH9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$649.35	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
310	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-2000-MET)	ATS-CNR-MNFP10	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$676.22	VNF	Yes	Required
311	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-50-MET)	ATS-CNR-MNFP11	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$240.40	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
312	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-50-MET)	ATS-CNR-MNFPI2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$267.27	VNF	Yes	Required
313	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-100- MET)	ATS-CNR-MNFPI3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$274.34	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
314	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-100- MET)	ATS-CNR-MNFPI4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$301.21	VNF	Yes	Required
315	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-200- MET)	ATS-CNR-MNFPI5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$302.22	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
316	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-200- MET)	ATS-CNR-MNFPI6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$329.09	VNF	Yes	Required
317	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-500- MET)	ATS-CNR-MNFPI7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$416.16	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
318	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-500- MET)	ATS-CNR-MNFPI8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$443.03	VNF	Yes	Required
319	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect (EC-SP-1000- MET)	ATS-CNR-MNFPI9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$525.25	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
320	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-1000- MET)	ATS-CNR-MNFPJ0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$552.12	VNF	Yes	Required
321	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-20- MET)	ATS-CNR-MNFPJ1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$207.06	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
322	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-20- MET)	ATS-CNR-MNFPJ2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$233.94	VNF	Yes	Required
323	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-2000- MET)	ATS-CNR-MNFPJ3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$422.08	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
324	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-2000- MET)	ATS-CNR-MNFPJ4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$448.95	VNF	Yes	Required
325	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-50- MET)	ATS-CNR-MNFPJ5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$216.16	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
326	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-50- MET)	ATS-CNR-MNFPJ6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$243.03	VNF	Yes	Required
327	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-100- MET)	ATS-CNR-MNFPJ7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$233.13	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
328	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-100- MET)	ATS-CNR-MNFPJ8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$260.00	VNF	Yes	Required
329	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-200- MET)	ATS-CNR-MNFPJ9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$247.06	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
330	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-200- MET)	ATS-CNR-MNFPK0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$273.94	VNF	Yes	Required
331	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-500- MET)	ATS-CNR-MNFPK1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$304.03	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
332	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-500- MET)	ATS-CNR-MNFPK2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$330.91	VNF	Yes	Required
333	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP- 1000-MET)	ATS-CNR-MNFPK3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$358.58	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
334	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP- 1000-MET)	ATS-CNR-MNFPK4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$385.46	VNF	Yes	Required
335	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00200-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPK5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$372.61	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
336	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00200-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPK6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$389.98	VNF	Yes	Required
337	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00400-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPK7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$550.35	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
338	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00400-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPK8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$567.72	VNF	Yes	Required
339	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-01000-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPK9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$971.62	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
340	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-01000-ENT- VEDG-XX (HA Only)	ATS-CNR-MNFPL0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$988.99	VNF	Yes	Required
341	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00010-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$207.98	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
342	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-00010-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$225.35	VNF	Yes	Required
343	NWN MNFS Premium Virtual Network Function Unmanaged- VeloCloud VC-00030-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$219.44	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
344	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00030-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$236.81	VNF	Yes	Required
345	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00050-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$233.44	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
346	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00050-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$250.81	VNF	Yes	Required
347	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00100-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$246.17	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
348	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00100-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$263.53	VNF	Yes	Required
349	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00200-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPL9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$372.61	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
350	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00200-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPM0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$389.98	VNF	Yes	Required
351	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-00400-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPM1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$550.35	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
352	NWN MNFS Premium Virtual Network Function Managed-VeloCloud VC-00400-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPM2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$567.72	VNF	Yes	Required
353	NWN MNFS Premium Virtual Network Function Unmanaged-VeloCloud VC-01000-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPM3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$971.62	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
354	NWN MNFS Premium Virtual Network Function Managed- VeloCloud VC-01000-PRE- VEDG-XX (HA Only)	ATS-CNR-MNFPM4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$988.99	VNF	Yes	Required
355	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe WANx + QoS VNF - 10Mbps	ATS-CNR-MNFPM5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$342.41	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
356	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 10Mbps	ATS-CNR-MNFPM6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$342.41	VNF	Yes	Required
357	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 10Mbps	ATS-CNR-MNFPM7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$348.54	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
358	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 10Mbps	ATS-CNR-MNFPM8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$348.54	VNF	Yes	Required
359	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 10Mbps	ATS-CNR-MNFPM9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$394.76	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
360	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 10Mbps	ATS-CNR-MNFPN0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$394.76	VNF	Yes	Required
361	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 10Mbps	ATS-CNR-MNFPN1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$469.01	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
362	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 10Mbps	ATS-CNR-MNFPN2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$469.01	VNF	Yes	Required
363	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 30Mbps	ATS-CNR-MNFPN3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$464.64	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
364	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 30Mbps	ATS-CNR-MNFPN4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$464.64	VNF	Yes	Required
365	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 30Mbps	ATS-CNR-MNFPN5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$470.78	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
366	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 30Mbps	ATS-CNR-MNFPN6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$470.78	VNF	Yes	Required
367	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 30Mbps	ATS-CNR-MNFPN7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$420.07	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
368	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 30Mbps	ATS-CNR-MNFPN8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$420.07	VNF	Yes	Required
369	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 30Mbps	ATS-CNR-MNFPN9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$562.85	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
370	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN Pro VNF - 30Mbps	ATS-CNR-MNFPO0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$562.85	VNF	Yes	Required
371	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe WANx + QoS VNF - 50Mbps	ATS-CNR-MNFPO1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$586.88	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
372	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 50Mbps	ATS-CNR-MNFPO2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$586.88	VNF	Yes	Required
373	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 50Mbps	ATS-CNR-MNFPO3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$593.02	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
374	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 50Mbps	ATS-CNR-MNFPO4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$593.02	VNF	Yes	Required
375	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 50Mbps	ATS-CNR-MNFPO5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$445.37	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
376	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 50Mbps	ATS-CNR-MNFPO6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$445.37	VNF	Yes	Required
377	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 50Mbps	ATS-CNR-MNFPO7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$620.84	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
378	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 50Mbps	ATS-CNR-MNFPO8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$620.84	VNF	Yes	Required
379	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 100Mbps	ATS-CNR-MNFPO9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$890.36	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
380	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 100Mbps	ATS-CNR-MNFPP0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$890.36	VNF	Yes	Required
381	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 100Mbps	ATS-CNR-MNFPP1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$896.50	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
382	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 100Mbps	ATS-CNR-MNFPP2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$896.50	VNF	Yes	Required
383	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 100Mbps	ATS-CNR-MNFPP3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$495.98	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
384	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN + QoS + Visibility VNF - 100Mbps	ATS-CNR-MNFPP4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$495.98	VNF	Yes	Required
385	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN Pro VNF - 100Mbps	ATS-CNR-MNFPP5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$705.19	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
386	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 100Mbps	ATS-CNR-MNFPP6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$705.19	VNF	Yes	Required
387	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 300Mbps	ATS-CNR-MNFPP7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,200.21	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
388	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 300Mbps	ATS-CNR-MNFPP8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,200.21	VNF	Yes	Required
389	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 300Mbps	ATS-CNR-MNFPP9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,206.35	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
390	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 300Mbps	ATS-CNR-MNFPQ0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,206.35	VNF	Yes	Required
391	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 300Mbps	ATS-CNR-MNFPQ1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$584.81	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
392	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 300Mbps	ATS-CNR-MNFPQ2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$584.81	VNF	Yes	Required
393	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 300Mbps	ATS-CNR-MNFPQ3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$789.54	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
394	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 300Mbps	ATS-CNR-MNFPQ4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$789.54	VNF	Yes	Required
395	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 500Mbps	ATS-CNR-MNFPQ5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,332.95	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
396	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 500Mbps	ATS-CNR-MNFPQ6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,332.95	VNF	Yes	Required
397	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 500Mbps	ATS-CNR-MNFPQ7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,339.09	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
398	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 500Mbps	ATS-CNR-MNFPQ8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,339.09	VNF	Yes	Required
399	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 500Mbps	ATS-CNR-MNFPQ9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$673.12	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
400	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 500Mbps	ATS-CNR-MNFPR0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$673.12	VNF	Yes	Required
401	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 500Mbps	ATS-CNR-MNFPR1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$873.89	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
402	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 500Mbps	ATS-CNR-MNFPR2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$873.89	VNF	Yes	Required
403	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS VNF - 1Gbps	ATS-CNR-MNFPR3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,821.51	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
404	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS VNF - 1Gbps	ATS-CNR-MNFPR4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,821.51	VNF	Yes	Required
405	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe WANx + QoS + Visibility VNF - 1Gbps	ATS-CNR-MNFPR5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,827.65	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
406	NWN MNFS Premium Virtual Network Function Managed-FatPipe WANx + QoS + Visibility VNF - 1Gbps	ATS-CNR-MNFPR6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,827.65	VNF	Yes	Required
407	NWN MNFS Premium Virtual Network Function Unmanaged-FatPipe SD- WAN + QoS + Visibility VNF - 1Gbps	ATS-CNR-MNFPR7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$772.06	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
408	NWN MNFS Premium Virtual Network Function Managed- FatPipe SD- WAN + QoS + Visibility VNF - 1Gbps	ATS-CNR-MNFPR8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$772.06	VNF	Yes	Required
409	NWN MNFS Premium Virtual Network Function Unmanaged- FatPipe SD- WAN Pro VNF - 1Gbps	ATS-CNR-MNFPR9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,101.64	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
410	NWN MNFS Premium Virtual Network Function Managed-FatPipe SD- WAN Pro VNF - 1Gbps	ATS-CNR-MNFPS0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1,101.64	VNF	Yes	Required
411	NWN MNFS Premium Virtual Network Function Unmanaged-VSRX-100M- ASCS-1 + CSO A-1 (Security)	ATS-CNR-MNFPS1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$309.92	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
412	NWN MNFS Premium Virtual Network Function Managed- VSRX-100M- ASCS-1 + CSO A-1 (Security)	ATS-CNR-MNFPS2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$336.80	VNF	Yes	Required
413	NWN MNFS Premium Virtual Network Function Unmanaged- VSRX-100M- CS-B-1 + CSO A-1 (Security)	ATS-CNR-MNFPS3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$358.30	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
414	NWN MNFS Premium Virtual Network Function Managed- VSRX-100M- CS-B-1 + CSO A-1 (Security)	ATS-CNR-MNFPS4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$385.17	VNF	Yes	Required
415	NWN MNFS Premium Virtual Network Function Unmanaged- VSRX-1G- ASCS-1 + CSO B-1 (Security)	ATS-CNR-MNFPS5	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$368.01	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
416	NWN MNFS Premium Virtual Network Function Managed- VSRX-1G- ASCS-1 + CSO B-1 (Security)	ATS-CNR-MNFPS6	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$394.88	VNF	Yes	Required
417	NWN MNFS Premium Virtual Network Function Unmanaged- VSRX-1G-CS-B- 1 + CSO A-1 (Security)	ATS-CNR-MNFPS7	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$390.00	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
418	NWN MNFS Premium Virtual Network Function Managed- VSRX-1G-CS-B- 1 + CSO A- 1(Security)	ATS-CNR-MNFPS8	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$416.88	VNF	Yes	Required
419	NWN MNFS Premium Virtual Network Function Unmanaged- VSRX-100M- STD-ATT (Router)	ATS-CNR-MNFPS9	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$172.52	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
420	NWN MNFS Premium Virtual Network Function Managed- VSRX-100M- STD-ATT (Router)	ATS-CNR-MNFPT0	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$199.39	VNF	Yes	Required
421	NWN MNFS Premium Virtual Network Function Unmanaged- VSRX-1G-STD- ATT (Router)	ATS-CNR-MNFPT1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$257.48	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
422	NWN MNFS Premium Virtual Network Function Managed- VSRX- 1G-STD- ATT (Router)	ATS-CNR-MNFPT2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$284.36	VNF	Yes	Required
423	NWN MNFS Premium Virtual Network Function - Non-Recurring Charge (except Cisco CSR)	ATS-CNN-MNFPNRC1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware		\$54.55		VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
424	NWN MNFS Premium Virtual Network Function - Non-Recurring Charge (Cisco CSR)	ATS-CNN-MNFPNRC2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware		\$545.45		VNF	Yes	Required
425	1G Copper SFP (XCVR- B00CRJ)	ATS-CNN-MNFPT3	1G Copper SFP (XCVR-B00CRJ)		\$50.00		VNF	Yes	Required
426	1G Multimode Optics-Dual Fiber (XCVR- B00G85)	ATS-CNN-MNFPT4	1G Multimode Optics-Dual Fiber (XCVR-B00G85)		\$40.00		VNF	Yes	Required
427	1G Single Mode Optics- Dual Fiber (XCVR- A10Y31)	ATS-CNN-MNFPT5	1G Single Mode Optics-Dual Fiber (XCVR-A10Y31)		\$40.00		VNF	Yes	Required
428	Cisco RJ45F Serial Adapter (170-0062-900)	ATS-CNN-MNFPT6	Cisco RJ45F Serial Adapter (170-0062-900)		\$45.00		VNF	Yes	Required
429	10G single mode Fiber SFP (XCVR-S10V31)	ATS-CNN-MNFPT7	10G single mode Fiber SFP (XCVR-S10V31)		\$90.00		VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
430	10G Multimode Fiber SFP (XCVR-S00Z85)	ATS-CNN-MNFPT8	10G Multimode Fiber SFP (XCVR-S00Z85)		\$70.00		VNF	Yes	Required
431	US Power Cord	ATS-CNN-MNFPT9	US Power Cord		\$20.00		VNF	Yes	Required
432	NWN MNFS Premium Virtual Network Function Unmanaged-Silver Peak EdgeConnect (EC-SP-UL- MET)	ATS-CNR-MNFPU1	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1744.50	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
433	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect (EC-SP-UL- MET)	ATS-CNR-MNFPU2	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1771.37	VNF	Yes	Required
434	NWN MNFS Premium Virtual Network Function Unmanaged- Silver Peak EdgeConnect HA (EC-SP-UL- MET)	ATS-CNR-MNFPU3	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1183.38	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
435	NWN MNFS Premium Virtual Network Function Managed- Silver Peak EdgeConnect HA (EC-SP-UL- MET)	ATS-CNR-MNFPU4	NWN Virtual Network Functions are managed or unmanaged but must be purchased with NWN uCPE MNFS Premium equipment or compatible vendor-specific hardware			\$1210.25	VNF	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
436	PowerUP UPSaaS Basic	Multiple (See Below)	NWN PowerUP UPSaaS Basic Includes: UPS, Network Card, 2-Post & 4-Post Mounting Kits. Site Assessment, 5x8 Installation. 16kVA Modular/Scalable UPS installation also includes full electrical installation (materials & labor), and Remote Monitoring Service. Only to be procured with an NWN CALNET Service.						
437	1500VA UPS with 5-15P Plug - Basic - NRC	ATS-CNN-PUB01	5-15R (15A, 120V, Non-locking) required outlet for UPS		\$647.00		Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
438	1500VA UPS with 5-15P Plug - Basic - MRC	ATS-CNR-PUB01	5-15R (15A, 120V, Non-locking) required outlet for UPS			\$60.65	Each	Yes	Required
439	Battery Pack for 1500VA UPS - Basic - NRC	ATS-CNN-PUB02			\$388.00		Each	Yes	Required
440	Battery Pack for 1500VA UPS - Basic - MRC	ATS-CNR-PUB02				\$30.65	Each	Yes	Required
441	2000VA UPS with 5-20P Plug - Basic - NRC	ATS-CNN-PUB03	5-20R (20A, 120V, Non-locking) required outlet for UPS		\$819.00		Each	Yes	Required
442	2000VA UPS with 5-20P Plug - Basic - MRC	ATS-CNR-PUB03	5-20R (20A, 120V, Non-locking) required outlet for UPS			\$90.35	Each	Yes	Required
443	Battery Pack for 2000VA UPS - Basic - NRC	ATS-CNN-PUB04			\$474.00		Each	Yes	Required
444	Battery Pack for 2000VA UPS - Basic - MRC	ATS-CNR-PUB04				\$45.24	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
445	3000VA UPS with L5-30P Plug - Basic - NRC	ATS-CNN-PUB05	L5-30R (30A, 120V, locking) required outlet for UPS		\$819.00		Each	Yes	Required
446	3000VA UPS with L5-30P Plug - Basic - MRC	ATS-CNR-PUB05	L5-30R (30A, 120V, locking) required outlet for UPS			\$106.53	Each	Yes	Required
447	Battery Pack for 3000VA UPS - Basic - NRC	ATS-CNN-PUB06			\$474.00		Each	Yes	Required
448	Battery Pack for 3000VA UPS - Basic - MRC	ATS-CNR-PUB06				\$45.24	Each	Yes	Required
449	5000VA UPS with L6-30P Plug - Basic - NRC	ATS-CNN-PUB07	L6-30R (30A, 208V, Locking) required outlet for UPS		\$1,509.00		Each	Yes	Required
450	5000VA UPS with L6-30P Plug - Basic - MRC	ATS-CNR-PUB07	L6-30R (30A, 208V, Locking) required outlet for UPS			\$200.29	Each	Yes	Required
451	Battery Pack for 5000VA UPS - Basic - NRC	ATS-CNN-PUB08			\$733.00		Each	Yes	Required
452	Battery Pack for 5000VA UPS - Basic - MRC	ATS-CNR-PUB08				\$55.05	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
453	16kVA Modular/Scalable UPS - Basic - NRC	ATS-CNN-PUB09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS		\$6,017.00		Each	Yes	Required
454	16kVA Modular/Scalable UPS - Basic - MRC	ATS-CNR-PUB09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS			\$901.96	Each	Yes	Required
455	Battery Frame for 16kVA UPS - Basic - NRC	ATS-CNN-PUB10			\$1,534.00		Each	Yes	Required
456	Battery Frame for 16kVA UPS - Basic - MRC	ATS-CNR-PUB10				\$369.61	Each	Yes	Required
457	Automatic Transfer Switch - Basic - NRC	ATS-CNN-PUB11			\$431.00		Each	Yes	Required
458	Automatic Transfer Switch - Basic - MRC	ATS-CNR-PUB11				\$55.41	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
459	PowerUP UPSaaS Deluxe	Multiple (See Below)	PowerUP UPSaaS Deluxe Includes: UPS, Network Card, 2-Post & 4-Post Mounting Kits. Site Assessment, 7x24 Installation. 16kVA Modular/Scalable UPS installation also includes full electrical installation (materials & labor), Remote Monitoring Service. Only to be procured with an NWN CALNET Service.						
460	1500VA UPS with 5-15P Plug - Deluxe - NRC	ATS-CNN-PUD01	5-15R (15A, 120V, Non-locking) required outlet for UPS		\$552.94		Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
461	1500VA UPS with 5-15P Plug - Deluxe - MRC	ATS-CNR-PUD01	5-15R (15A, 120V, Non-locking) required outlet for UPS			\$60.65	Each	Yes	Required
462	Battery Pack for 1500VA UPS - Deluxe - NRC	ATS-CNN-PUD02			\$329.41		Each	Yes	Required
463	Battery Pack for 1500VA UPS - Deluxe - MRC	ATS-CNR-PUD02				\$30.65	Each	Yes	Required
464	2000VA UPS with 5-20P Plug - Deluxe - NRC	ATS-CNN-PUD03	5-20R (20A, 120V, Non-locking) required outlet for UPS		\$700.00		Each	Yes	Required
465	2000VA UPS with 5-20P Plug - Deluxe - MRC	ATS-CNR-PUD03	5-20R (20A, 120V, Non-locking) required outlet for UPS			\$90.35	Each	Yes	Required
466	Battery Pack for 2000VA UPS - Deluxe - NRC	ATS-CNN-PUD04			\$405.88		Each	Yes	Required
467	Battery Pack for 2000VA UPS - Deluxe - MRC	ATS-CNR-PUD04				\$45.24	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
468	3000VA UPS with L5-30P Plug - Deluxe - NRC	ATS-CNN-PUD05	L5-30R (30A, 120V, locking) required outlet for UPS		\$700.00		Each	Yes	Required
469	3000VA UPS with L5-30P Plug - Deluxe - MRC	ATS-CNR-PUD05	L5-30R (30A, 120V, locking) required outlet for UPS			\$106.53	Each	Yes	Required
470	Battery Pack for 3000VA UPS - Deluxe - NRC	ATS-CNN-PUD06			\$405.88		Each	Yes	Required
471	Battery Pack for 3000VA UPS - Deluxe - MRC	ATS-CNR-PUD06				\$45.24	Each	Yes	Required
472	5000VA UPS with L6-30P Plug - Deluxe - NRC	ATS-CNN-PUD07	L6-30R (30A, 208V, Locking) required outlet for UPS		\$1,288.24		Each	Yes	Required
473	5000VA UPS with L6-30P Plug - Deluxe - MRC	ATS-CNR-PUD07	L6-30R (30A, 208V, Locking) required outlet for UPS			\$200.29	Each	Yes	Required
474	Battery Pack for 5000VA UPS - Deluxe - NRC	ATS-CNN-PUD08			\$623.53		Each	Yes	Required
475	Battery Pack for 5000VA UPS - Deluxe - MRC	ATS-CNR-PUD08				\$55.05	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
476	16kVA Modular/Scalable UPS - Deluxe - NRC	ATS-CNN-PUD09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS		\$5,129.41		Each	Yes	Required
477	16kVA Modular/Scalable UPS - Deluxe - MRC	ATS-CNR-PUD09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS			\$901.96	Each	Yes	Required
478	Battery Frame for 16kVA UPS - Deluxe - NRC	ATS-CNN-PUD10			\$1,305.88		Each	Yes	Required
479	Battery Frame for 16kVA UPS - Deluxe - MRC	ATS-CNR-PUD10				\$369.61	Each	Yes	Required
480	Automatic Transfer Switch - Deluxe - NRC	ATS-CNN-PUD11			\$364.71		Each	Yes	Required
481	Automatic Transfer Switch - Deluxe - MRC	ATS-CNR-PUD11				\$55.41	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
482	PowerUP UPSaaS Ultra	Multiple (See Below)	PowerUP UPSaaS Ultra Includes: UPS, Network Card, 2-Post or Wallmount Rack, 2-Post & 4-Post Mounting Kits, Rackmount PDU. Site Assessment, Existing UPS Removal, Rack & PDU Installation, 7x24 Installation. 16kVA Modular/Scalable UPS installation also includes full electrical installation (materials & labor), Remote Monitoring Service. Only to be procured with an NWN CALNET Service.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
483	1500VA UPS with 5-15P Plug - Ultra - NRC	ATS-CNN-PUU01	5-15R (15A, 120V, Non-locking) required outlet for UPS		\$847.06		Each	Yes	Required
484	1500VA UPS with 5-15P Plug - Ultra - MRC	ATS-CNR-PUU01	5-15R (15A, 120V, Non-locking) required outlet for UPS			\$78.24	Each	Yes	Required
485	Battery Pack for 1500VA UPS - Ultra - NRC	ATS-CNN-PUU02			\$329.41		Each	Yes	Required
486	Battery Pack for 1500VA UPS - Ultra - MRC	ATS-CNR-PUU02				\$30.65	Each	Yes	Required
487	2000VA UPS with 5-20P Plug - Ultra - NRC	ATS-CNN-PUU03	5-20R (20A, 120V, Non-locking) required outlet for UPS		\$994.12		Each	Yes	Required
488	2000VA UPS with 5-20P Plug - Ultra - MRC	ATS-CNR-PUU03	5-20R (20A, 120V, Non-locking) required outlet for UPS			\$110.29	Each	Yes	Required
489	Battery Pack for 2000VA UPS - Ultra - NRC	ATS-CNN-PUU04			\$405.88		Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
490	Battery Pack for 2000VA UPS - Ultra - MRC	ATS-CNR-PUU04				\$45.24	Each	Yes	Required
491	3000VA UPS with L5-30P Plug - Ultra - NRC	ATS-CNN-PUU05	L5-30R (30A, 120V, locking) required outlet for UPS		\$994.12		Each	Yes	Required
492	3000VA UPS with L5-30P Plug - Ultra - MRC	ATS-CNR-PUU05	L5-30R (30A, 120V, locking) required outlet for UPS			\$131.00	Each	Yes	Required
493	Battery Pack for 3000VA UPS - Ultra - NRC	ATS-CNN-PUU06			\$405.88		Each	Yes	Required
494	Battery Pack for 3000VA UPS - Ultra - MRC	ATS-CNR-PUU06				\$45.24	Each	Yes	Required
495	5000VA UPS with L6-30P Plug - Ultra - NRC	ATS-CNN-PUU07	L6-30R (30A, 208V, Locking) required outlet for UPS		\$1,582.35		Each	Yes	Required
496	5000VA UPS with L6-30P Plug - Ultra - MRC	ATS-CNR-PUU07	L6-30R (30A, 208V, Locking) required outlet for UPS			\$216.92	Each	Yes	Required
497	Battery Pack for 5000VA UPS - Ultra - NRC	ATS-CNN-PUU08			\$623.53		Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
498	Battery Pack for 5000VA UPS - Ultra - MRC	ATS-CNR-PUU08				\$55.05	Each	Yes	Required
499	16kVA Modular/Scalable UPS - Ultra - NRC	ATS-CNN-PUU09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS		\$5,423.53		Each	Yes	Required
500	16kVA Modular/Scalable UPS - Ultra - MRC	ATS-CNR-PUU09	100A, 208V, 4 Wire Hardwire (2ph+N+G) required outlet for UPS			\$928.89	Each	Yes	Required
501	Battery Frame for 16kVA UPS - Ultra - NRC	ATS-CNN-PUU10			\$1,305.88		Each	Yes	Required
502	Battery Frame for 16kVA UPS - Ultra - MRC	ATS-CNR-PUU10				\$369.61	Each	Yes	Required
503	Automatic Transfer Switch - Ultra - NRC	ATS-CNN-PUU11			\$364.71		Each	Yes	Required
504	Automatic Transfer Switch - Ultra - MRC	ATS-CNR-PUU11				\$55.41	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
505	MAAS Host Probe Server Premise	ATS-CNR-MHPR0000	Onsite Deployment: Provides centralized onsite storage of all analyzed Performance Data with expert alert notification and Portal Access for all Monitoring, Diagnostics and Reporting.		\$0.00	\$4,765.05	Per Occurrence	Yes	Required
506	MAAS Host Probe Server Cloud	ATS-CNR-MHPC0000	Cloud Deployment: Provides centralized cloud storage of all analyzed Performance Data with expert alert notification and Portal Access for all Monitoring, Diagnostics and Reporting.		\$0.00	\$7,689.88	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
507	MAAS Probe Remote - Small	ATS-CNR-MPRM0001	MAAS Virtual Small features include: Deep Packet visibility of remote sites to provide Performance Monitoring, Diagnostics and Reporting for up to 100Mbps of networked Voice, Video and Application services.		\$0.00	\$263.39	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
508	MAAS Probe Remote - Medium	ATS-CNR-MPRM0002	MAAS Virtual Medium features include: Deep Packet visibility of remote sites to provide Performance Monitoring, Diagnostics and Reporting for up to 500Mbps of networked Voice, Video and Application services.		\$0.00	\$309.55	Per Occurrence	Yes	Required

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509	MAAS Probe Remote - Large	ATS-CNR-MPRM0003	MAAS Virtual Large features include: Deep Packet visibility of remote sites to provide Performance Monitoring, Diagnostics and Reporting for up to 1Gbps of networked Voice, Video and Application services.		\$0.00	\$619.10	Per Occurrence	Yes	Required

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510	MAAS Probe Data Center - Small	ATS-CNR-MPDC0001	MAAS Small Probe Monitoring features include: Deep Packet visibility of Data Center sites to provide Performance Monitoring, Diagnostics and Reporting for up to 1Gbps of networked Voice, Video and Application services.		\$0.00	\$2,280.84	Per Occurrence	Yes	Required

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511	MAAS Probe Data Center - Medium	ATS-CNR-MPDC0002	MAAS Medium Probe Monitoring features include: Deep Packet visibility of Data Center sites to provide Performance Monitoring, Diagnostics and Reporting for up to 10Gbps of networked Voice, Video and Application services.		\$0.00	\$5,592.73	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
512	MAAS Probe Data Center - Large	ATS-CNR-MPDC0003	MAAS Large Probe Monitoring features include: Deep Packet visibility of Data Center sites to provide Performance Monitoring, Diagnostics and Reporting for greater than 10Gbps of networked Voice, Video and Application services.		\$0.00	\$8,473.36	Per Occurrence	Yes	Required

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513	MAAS≤100 Mbps	ATS-CNR-MAPA0001	Bidder's Product Description: Managed Application Assurance Service ≤ 100 Mbps - Provides NetFlow collection and active testing for sites with less than ≤ 100 Mbps WAN connectivity. This service includes the basic monitoring and troubleshooting dashboards, reports, and alert threshold notifications that are available with Application Assurance.		\$0.00	\$38.00	Per Connection	Yes	Required

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514	MAAS > 100Mbps	ATS-CNR-MAPA0002	Bidder's Product Description: Managed Application Assurance Service > 100 – Provides everything provided by Application Assurance Service > 100 for WAN connectivity.		\$0.00	\$160.00	Per Connection	Yes	Required
515	MAAS Virtual Pulse - Simulate a End User	ATS-CNR-MVPS0000	MAAS Virtual Pulse features include: Active testing for service level validation of performance and reliability.		\$0.00	\$57.03	Per Occurrence	Yes	Required
516	MAAS Hardware Pulse - Simulate a End User	ATS-CNR-MHPS0000	MAAS Hardware Pulse features include: Active testing for service level validation of performance and reliability.		\$0.00	\$114.04	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
517	MAAS Customer Care 25 Sites	ATS-CNR-MCCR0025	MAAS Customer Care Small features include: Professional Monthly Review, Summarized Reporting and expert Troubleshooting Assistance for up to 25 sites.		\$0.00	\$1,629.21	Per Occurrence	Yes	Required
518	MAAS Customer Care 50 Sites	ATS-CNR-MCCR0050	MAAS Customer Care Medium features include: Professional Monthly Review, Summarized Reporting and expert Troubleshooting Assistance for up to 50 sites.		\$0.00	\$3,258.43	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
519	MAAS Customer Care 100 Sites	ATS-CNR-MCCR0100	MAAS Customer Care Large features include: Professional Monthly Review, Summarized Reporting and expert Troubleshooting Assistance for up to 100 sites.		\$0.00	\$4,887.64	Per Occurrence	Yes	Required
520	MAAS Customer Care 100> Sites	ATS-CNR-MCST0100	MAAS Customer Care Extra Large features include: Professional Monthly Review, Summarized Reporting and expert Troubleshooting Assistance for greater than 100 sites.		\$0.00	\$6,516.85	Per Occurrence	Yes	Required

521	MWAN Monitor and Notify - Small	ATS-CNR-MMNS0000	Managed WAN Monitor & Notify - Small provides the monitoring of Small managed device. The device is polled on a regular basis, and a repeated failure of the device to respond to polls will indicate a fault condition and will generate alarms. The fault will be isolated to access, transport, or CPE and a trouble ticket will be opened on the customer's behalf, and the customer will be proactively notified of the outage. NWN will own the resolution of the access and		\$0.00	\$31.50	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			transport issues related to the fault. The customer retains responsibility for resolving all physical and logical CPE issues.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
522	MWAN Monitor and Notify - Medium	ATS-CNR-MMNM0000	Bidder's Product Description: Managed WAN Monitor & Notify - Medium provides everything provided by Managed WAN Monitor & Notify Small except for a Medium class device. MWAN Monitor and Notify – Medium features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive Outage Notification.		\$0.00	\$36.00	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
523	MWAN Monitor and Notify - Large	ATS-CNR-MMNL0000	Bidder's Product Description: Managed WAN Monitor & Notify - Large provides everything provided by Managed WAN Monitor & Notify Small except for a Large class device. MWAN Monitor and Notify – Large features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive Outage Notification		\$0.00	\$54.00	Per Device	Yes	Required

524	MWAN Physical - Small	ATS-CNR-MMPS0000	Bidder's Product Description: Managed WAN Physical - Small provides all of the monitoring features of Managed WAN Monitory & Notify Small as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) CPE issues. MWAN Physical – Small features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive		\$0.00	\$60.75	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						

525	MWAN Physical - Medium	ATS-CNR-MMPM0000	Bidder's Product Description: Managed WAN Physical - Medium provides all of the monitoring features of Managed WAN Monitory & Notify Medium as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) issues. MWAN Physical - Medium features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation,		\$0.00	\$76.50	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			and Proactive Outage Notification.						

526	MWAN Physical - Large	ATS-CNR-MMPL0000	Bidder's Product Description: Managed WAN Physical - Large provides all of the monitoring features of Managed WAN Monitory & Notify Large as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) CPE issues. MWAN Physical - Large features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive		\$0.00	\$128.25	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
527	MWAN Full - Small	ATS-CNR-MFLS0000	Bidder's Product Description: Managed WAN Full - Small provides all of the monitoring features of Managed WAN Physical - Small as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues. MWAN Full - Small Full features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive Outage Notification.		\$0.00	\$69.75	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
528	MWAN Full - Medium	ATS-CNR-MFLM0000	Bidder's Product Description: Managed WAN Full - Medium provides all of the monitoring features of Managed WAN Physical - Medium as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues. MWAN Full - Medium features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive Outage Notification.		\$0.00	\$90.00	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
529	MWAN Full - Large	ATS-CNR-MFLG0000	Bidder's Product Description: MWAN Full - Large provides all of the monitoring features of Managed WAN Physical – Large as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues. MWAN Full - Large features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive Outage Notification.		\$0.00	\$150.75	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
530	MWAN Device Installation	ATS-CNN-MDVI0000	Bidder's Product Description: Managed WAN Device Installation provides for the process of installing, implementing, and activating a new device under management		\$412.50	\$0.00	Per Occurrence	Yes	Required
531	MWAN Takeover of Existing Device	ATS-CNN-MTEV0000	Bidder's Product Description: Managed WAN Takeover of Existing Device provides for the takeover process of previously installed and working device for management.		\$337.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
532	MWAN Order Expedite	ATS-CNN-MOEX0000	Bidder's Product Description: MWAN Order Expedite provides for an expedited process for activating a WAN device in fifteen (15) days or less. . This service is solely for the purposes of expediting the CPE installation process and does not affect circuit installation and activation.		\$825.00	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
533	MWAN Report - Threshold Proactive Performance Monitoring (PPM)	ATS-CNR-MWTH0000	Bidder's Product Description: MWAN Report - Threshold Proactive Performance Monitoring features include: Add-on service to Managed WAN for proactively monitoring specific predefined performance thresholds.		\$0.00	\$3.00	Per Device	Yes	Required

534	MWAN Reporting - ETM Reporting	ATS-CNR- MWRE0000	Bidder's Product Description: Managed WAN Analysis – ETM Reporting – This feature includes all of the benefits from the basic reporting included with the managed service. ETM reporting adds the ability to report on QoS, CE-CE path performance, and high-level application data. CE-CE path performance allows reports of information, such as latency, for up to ten (10) paths per managed device. CE network performance allows for monitoring and		\$0.00	\$3.00	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			detailed reporting on traffic volumes for up to twenty (20) Customer defined and selected network protocols. QoS performance reports can be generated on the quality and performance of DSCP and CoS on managed devices. Customer may generate At-a-Glance, Top-N, and Trend reports with PE elements.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
535	MWAN Reporting - ETM Select Reporting w/Netflow Reporting	ATS-CNR-MWRA0000	Bidder's Product Description: MWAN Reporting Analysis ETM Select w/NetFlow features include Live Health reporting and collection and reporting from NetFlow data.		\$0.00	\$6.00	Per Device	Yes	Required

536	MWAN Reporting - Network Analysis	ATS-CNR- MWRN0000	Is an optional service that provides for a NWN Analysis Professional to review the Customer entitled reports and provides a monthly summarization of issues and provides recommendations to improve network performance. The analyst will analyze the network performance based on key variables such as, but not limited to, utilization, queue drops, and error conditions from the perspective of the NWN managed device. With a preliminary		\$0.00	\$48.00	Per Device	Yes	Required
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			report established, the analyst has the capability to utilize other NWN tools and reporting systems, as required, to validate finds and further clarify the nature of the identified issue in finalizing the report. This service also includes a monthly review of the post monthly network performance report with Customer and NWN account team as well as notification to Customer and/or the appropriate NWN organization to isolate and resolve						
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			performance anomalies discovered outside of the reporting cycle. The monthly report will include up to thirty (30) performance affecting issues as well as volume statistics for the NWN managed network. The monthly report is based on the prior month's performance data, further investigation of any identified issues, incorporation of relevant and factual information, and recommendation to resolve identified issues. The target date of the first monthly report,						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			upon initiation of the service, is between 60-90 days. A prearranged and schedule conference call will be held between the NWN Analyst, NWN Account Team, and Customer to review each month's report. The NWN Analyst is available between standard business hours Monday through Friday.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
537	MWAN Network Engineering – Small Router	ATS-CNR-MNSR0000	Bidder's Product Description: Managed WAN Network Engineering – Small Router – Places a small sized router under NE support.		\$0.00	\$66.00	Per Device	Yes	Required
538	MWAN Network Engineering – Medium Router	ATS-CNR-MNMR0000	Bidder's Product Description: Managed WAN Network Engineering – Medium Router – Places a medium sized router under NE support. MWAN Network Engineering – Medium Router features include: Design Planning, Support Services, and Change Management Support		\$0.00	\$78.00	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
539	MWAN Network Engineering – Large Router	ATS-CNR-MNLR0000	Bidder's Product Description: Managed WAN Network Engineering – Large Router – Places a large sized router under NE support.		\$0.00	\$96.00	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
540	MWAN – Opt Change Mgmt - DHCP IP Helper Configuration	ATS-CNN-MNOC0000	Bidder's Product Description: Managed WAN Optional Change Management - DHCP IP Helper Configuration - This optional service provides configuration on an existing fully managed WAN device for adding, deleting, or modifying DHCP IP Helper information. This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

541	MWAN – Opt Change Mgmt - IP NAT Configuration	ATS-CNN- MNIC0000	Bidder's Product Description: Managed WAN Optional Change Management IP Network Address Translation (NAT)NAT Configuration - This optional service provides router configuration on an existing fully managed WAN device for adding, deleting, or modifying IP NAT configurations entries. This service is performed remotely. MWAN – Opt Change Mgmt - IP NAT Configuration – Add, modify, and/or delete IP Network Address		\$37.50	\$0.00	Per Occurre nce	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Translation (NAT) configuration						
542	MWAN – Opt Change Mgmt Network Routed Protocol Configuration	ATS-CNN-MWNR0000	Bidder's Product Description: Managed WAN Optional Change Management Network Routed Protocol Configuration - This optional service provides router configuration on an existing fully managed router for adding, deleting, or modifying routed protocol entries such as IPX, DLSW, RTP, SIP, HSRP, etc. This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
543	MWAN – Opt Change Mgmt - MSO IP Address Chg	ATS-CNN-MWIA0000	Bidder's Product Description: Managed WAN Optional Change Management MSO IP Address Change – This optional service provides router configuration on an existing fully managed router for adding, deleting, or modifying IP Address and/or Mask per the Managed Services Operations (MSO) approved IP addressing plan. This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
544	MWAN – Opt Change Mgmt - Virtual Circuit Chg	ATS-CNN-MWVC0000	Bidder's Product Description: Managed WAN Optional Change Management Virtual Circuit Change – This optional service provides router configuration on an existing fully managed router for adding, deleting, or modifying virtual circuit configurations. This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
545	MWAN – Opt Change Mgmt-Routing Protocol Chg	ATS-CNN-MWRP0000	Bidder's Product Description: Managed WAN Optional Change Management Routing Protocol Change – This optional service provides router configuration on an existing fully managed router for adding, deleting, or modifying routing protocol configuration and entries (static, EIGRP, OSPF, RIP, BGP, etc.). This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
546	MWAN – Opt Change Mgmt - VPN Tunnel Change	ATS-CNN-MWVT0000	Bidder's Product Description: Managed WAN Optional Change Management VPN Tunnel Change – This optional service provides router configuration on an existing fully managed router for adding, deleting, or modifying Virtual Private Network (VPN) tunnel configuration. This service is performed remotely.		\$37.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
547	MWAN – Opt Change Mgmt-Bandwidth Change- Physical	ATS-CNN-MWBC0000	Bidder's Product Description: Managed WAN Optional Change Management Bandwidth Change- Physical – This on-site service is for changing out a CSU/DSU or router module required to support a change in physical bandwidth on an existing router.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
548	MWAN – Opt Change Mgmt - Hardware Module Upgrade	ATS-CNN-MWHM0000	Bidder's Product Description: Managed WAN Optional Change Management Hardware Module Upgrade – This on-site service is for the addition of or swapping of a hardware module on an existing router.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
549	MWAN – Opt Change Mgmt - Device Move	ATS-CNN-MWCM0000	Bidder's Product Description: Managed WAN Optional Change Management Device Move – This on-site service provides for the relocation of an existing router between two different buildings up to thirty (30) miles apart. This includes dispatching a technician for on- site support and remote management and configuration support and assumes no design changes.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
550	MWAN – Opt Change Mgmt - Memory Upgrade	ATS-CNN-MWMU0000	Bidder's Product Description: Managed WAN Optional Change Management Memory Upgrade – This on-site service is for upgrading memory capacity on an existing router by adding or swapping flash or RAM modules.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
551	MWAN – Opt Change Mgmt - Device Exchange	ATS-CNN-MOCD0000	Bidder's Product Description: Managed WAN Optional Change Management Device Exchange – This on-site service provides for swapping out an existing router for another.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
552	MWAN – Opt Change Mgmt - IOS Change Support New Features	ATS-CNN-MOIC0000	Bidder's Product Description: Managed WAN Optional Change Management IOS Change Support New Features – This service provides for the installation of a new version or feature set of router software in order to support a new feature.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
553	MWAN – Opt Change Mgmt-Traffic Shaping & Queuing Config	ATS-CNN-MCTR0000	Bidder's Product Description: Managed WAN Optional Change Management Traffic Shaping & Queuing Configuration – This service provides for the addition, deletion, and/or modification of traffic shaping, policing and queuing policies on an existing router. All policies and classification maps will be built on customer provided specification.		\$262.50	\$0.00	Per Occurrence	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
554	MWAN – Opt Change Mgmt - Traffic Filter Design	ATS-CNN-MCTF0000	Bidder's Product Description: Managed WAN Optional Change Management Traffic Filter Design – This service provides for the addition, deletion, and/or modification of traffic filters on an existing router.		\$262.50	\$0.00	Per Occurrence	Yes	Required
555	MWAN – Opt Change Mgmt - Traffic Filter Design	ATS-CNN-MTFD0000	Bidder's Product Description: Managed WAN Optional Change Management Traffic Filter Design – This service provides for the addition, deletion, and/or modification of traffic filters on an existing router.		\$225.00	\$0.00	Per Device	Yes	Required

556	MWAN – Field Services Dispatch Normal Hours	ATS-CNN-MWFN0000	Field Services Dispatch Normal - In lieu of the optional change management per occurrence services described with on premise activities for truck rolls, customers have the option to utilize the established hourly rate. Labor charges will commence upon arrival at customer site. Only the highest single Non-Recurring Charge (NRC)NRC will be charged per device. This optional service provides for dispatch a technician to perform on-site managed		\$180.00	\$0.00	Per Hour	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			services on a time basis at the level of a journeyman during normal business hours. Exclusive of NWN recognized holidays, Normal Business hours are defined as M-F 8:00 AM to 5:00 PM Pacific Time.						

557	MWAN – Field Services Dispatch Off Hours	ATS-CNN-MWFO0000	Field Services Dispatch Off Hours - In lieu of the optional change management per occurrence services described with on premise activities for truck rolls, customers have the option to utilize the established hourly rate. Labor charges will commence upon arrival at customer site. Only the highest single Non-Recurring Charge (NRC) will be charged per device. This optional service provides for dispatch a technician to perform on-site managed services on a		\$230.00	\$0.00	Per Hour	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			time basis at the level of a journeyman outside of normal business hours. Exclusive of NWN recognized holidays, outside of Normal Business hours defined as M-F 8:00 AM to 5:00 PM Pacific Time.						

558	Staging Customer Sw/Rtr/Sec Equip LO Regular Hours	ATS-CNN-MSLO0000	Labor Only (LO) Regular Hours staging for switch/router/se curity include unpackaging, power up device, and burn-in the equipment provided by the Customer. IOS will be upgraded to the agreed upon version and installation of customer provided configuration onto the device. Conduct appropriate pre-cutover testing. Inventory of device in Master Database by documenting device specific information (serial number, model and manufacturer), network specific		\$260.00	\$0.00	Per Occurrence	Yes	Required
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			information, such as IP address, subnet in spread sheet format and label each switch in accordance to customer labeling scheme. Create and place asset tags in accordance with customer Asset Tracking Inventory Process. Provide configuration documentation in electronic and hard copies. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must						
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			be ordered in conjunction with CALNET services. Does not include the network design related to the device or trouble shooting configurations not allowing device to work on customer network. Staging of Switch/Router/ Security Appliance excludes Installation, Test and Turn-up and Configuration support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Reduction (IPR) be IPR'ed based on volume.						

559	Installation Customer Sw/Rtr/Sec Equip of Device LO Regular Hours	ATS-CNN- MNLO0000	Labor Only (LO) Regular Hours transport device (e.g. Device type can be, not limited to, the following: UPS, Switch, Wireless Access Point, Voice Gateways, Router, Security Appliance, Terminal Servers, etc...) to correct location from within the building, unpackage, attach applicable plates / racking brackets, placement of device in rack per customer direction, power up device, and connect the device to the customer provided network patch cords. This		\$266.64	\$0.00	Per Occurrence	Yes	Required
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			would include removing existing equipment from rack, if applicable, and clean up directly related to work performed. Technician will be deployed after customer has confirmed devices are onsite and accessible to perform this work. Must be ordered in conjunction with CALNET services. Does not include the Staging activities, testing post installation at customer site, troubleshooting of the device in the customer network, or Configuration Support related						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			to the device. Switch not to exceed 48 ports. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

560	Customer Switch Basic On-Site Test and Turn-Up LO Regular Hours	ATS-CNN- MCOS0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality (e.g. Switch or UPS). Standard Layer 2 configuration with non- default security features. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging,		\$365.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Installation and Configuration Support of device activities. Trouble shooting is limited to 1 hour per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

561	Customer Switch Advance On-Site Test and Turn-Up LO Regular Hours	ATS-CNN-MCSA0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality. Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Remediate defective equipment and return to manufacturer based on customer purchased		\$727.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

562	Customer Router Basic On-Site Test and Turn-Up LO Regular Hours	ATS-CNN- MCRB0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Basic includes static routing, stub dynamic routing, basic Network Address Translation (NAT), pre- defined Quality of Service (QoS) parameters, and simple access lists. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as		\$727.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

563	Customer Router Advanced On-Site Test and Turn-Up LO Regular Hours	ATS-CNN-MRAD0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Advanced includes dynamic routing, more complex Network Address Translation (NAT), complex access lists, Policy- Based Routing (PBR), and non-default security. Remediate defective equipment and return to manufacturer based on customer purchased maintenance		\$1,089.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

564	Customer Security Appliance Basic On- Site Test and Turn-Up LO Regular Hours	ATS-CNN-MSTT0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Basic includes simple access lists and basic Network Address Translation (NAT). Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging,		\$920.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Installation and Configuration Support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Trouble shooting is limited to 1 hour per device.						

565	Customer Security Appliance Advance On-Site Test and Turn-Up LO Regular Hours	ATS-CNN-MSAA0000	Labor Only (LO) Regular Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Advance includes complex access list, extensive Port Address Translation (PAT), basic Next Generation Security Appliances, basic IDS, basic IPS, and basic Policy-Based Routing (PBR). Remediate defective equipment and return to manufacturer based on customer purchased maintenance		\$1,380.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

566	Customer Switch/Router Configuration Support LO Regular Hours	ATS-CNN-MCSW0000	Labor Only (LO) Regular Hours provide customer configuration support related to design assistance for switch activities to include Standard Layer 2 configuration with non-default security features, Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Router activities to include Static routing, stub dynamic		\$2,905.00	\$0.00	Per Occurrence	Yes	Required
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			routing, basic Network Address Translation (NAT), pre-defined Quality of Service (QoS) parameters, simple access lists, dynamic routing, more complex NAT, complex access lists, Policy-Based Routing (PBR), and non-default security. Configuration support will provide industry best practices and align with customer compliancy requirements. Must be ordered in conjunction with CALNET services. Not to exceed 16 hours per project. Multiple occurrences may have						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Individual Price Reduction (IPR) be IPR'ed based on scope.						

567	Customer Security Appliance Configuration Support LO Regular Hours	ATS-CNN-MCUA0000	Labor Only (LO) Regular Hours provide customer configuration support related to design assistance for switch activities to include Standard Layer 2 configuration with non-default security features, Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Router activities to include Static routing, stub dynamic		\$3,680.00	\$0.00	Per Occurrence	Yes	Required
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			routing, basic Network Address Translation (NAT), pre-defined Quality of Service (QoS) parameters, simple access lists, dynamic routing, more complex NAT, complex access lists, Policy-Based Routing (PBR), and non-default security. Configuration support will provide industry best practices and align with customer compliancy requirements. Must be ordered in conjunction with CALNET services. Not to exceed 16 hours per project. Multiple occurrences may have						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Individual Price Reduction (IPR) be IPR'ed based on scope.						

568	Technical PM Support Customer Equip LO Regular Hours	ATS-CNN- MTPM0000	Labor Only (LO) Regular Hours Technical Project Management Support provides for installation of devices supporting ancillary services efforts to develop and implement comprehensive project processes and plans. NWN project manager will coordinate all project resources including customer staff and other resources related to completing the effort. • Develop and coordinate schedule for configuration		\$6,700.00	\$0.00	Per Occurre nce	Yes	Required
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			and deployment of customer provided devices. • Provide periodic status reports and updates to project schedule throughout duration of project. • Act as liaison between customer point of contact and other resources required to include but not limited to staging, rack and stack, on-site test and turn-up, and configuration support of devices. Provide customer final documentation for final close-out. Must be ordered in conjunction with CALNET services.						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Not to exceed 48 hours per project. Individual Price Reduction (IPR) IPR may be available based on scope.						

569	Staging Customer Sw/Rtr/Sec Equip LO Overtime Hours	ATS-CNN-STCO0000	Labor Only (LO) Overtime Hours staging for switch/router/security include unpackaging, power up device, and burn-in the equipment provided by the Customer. IOS will be upgraded to the agreed upon version and installation of customer provided configuration onto the device. Conduct appropriate pre-cutover testing. Inventory of device in Master Database by documenting device specific information (serial number, model and manufacturer), network specific		\$390.00	\$0.00	Per Occurrence	Yes	Required
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			information, such as IP address, subnet in spread sheet format and label each switch in accordance to customer labeling scheme. Create and place asset tags in accordance with customer Asset Tracking Inventory Process. Provide configuration documentation in electronic and hard copies. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must						
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			be ordered in conjunction with CALNET services. Does not include the network design related to the device or trouble shooting configurations not allowing device to work on customer network. Staging of Switch/Router/ Security Appliance excludes Installation, Test and Turn-up and Configuration support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Reduction (IPR) be IPR'ed based on volume.						

570	Installation Customer Sw/Rtr/Sec Equip of Device LO Overtime Hours	ATS-CNN- ICOH0000	Labor Only (LO) Overtime Hours transport device (e.g. Device type can be, not limited to, the following: UPS, Switch, Wireless Access Point, Voice Gateways, Router, Security Appliance, Terminal Servers, etc.) to correct location from within the building, unpackage, attach applicable plates / racking brackets, placement of device in rack per customer direction, power up device, and connect the device to the customer provided network patch cords. This		\$372.24	\$0.00	Per Occurrence	Yes	Required
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			would include removing existing equipment from rack, if applicable, and clean up directly related to work performed. Technician will be deployed after customer has confirmed devices are onsite and accessible to perform this work. Must be ordered in conjunction with CALNET services. Does not include the Staging activities, testing post installation at customer site, troubleshooting of the device in the customer network, or Configuration Support related						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			to the device. Switch not to exceed 48 ports. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

571	Customer Switch Basic On-Site Test and Turn-Up LO Overtime Hours	ATS-CNN- CSBH0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality (e.g. Switch or UPS). Standard Layer 2 configuration with non- default security features. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging,		\$547.50	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Installation and Configuration Support of device activities. Trouble shooting is limited to 1 hour per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may be lhave Individual Price Reduction (IPR) PR'ed based on volume.						

572	Customer Switch Advance On-Site Test and Turn-Up LO Overtime Hours	ATS-CNN-CSAH0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality. Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Remediate defective equipment and return to manufacturer based on customer purchased		\$1,090.50	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may behave Individual Price Redu'edction (IPR) based on volume.						

573	Customer Router Basic On-Site Test and Turn-Up LO Overtime Hours	ATS-CNN-CROH0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Basic includes static routing, stub dynamic routing, basic Network Address Translation (NAT), pre-defined Quality of Service (QoS) parameters, and simple access lists. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as		\$1,090.50	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

574	Customer Router Advanced On-Site Test and Turn-Up LO Overtime Hours	ATS-CNN-CRAO0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Advanced includes dynamic routing, more complex Network Address Translation (NAT), complex access lists, Policy- Based Routing (PBR), and non-default security. Remediate defective equipment and return to manufacturer based on customer purchased maintenance		\$1,633.50	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

575	Customer Security Appliance Basic On- Site Test and Turn-Up LO Overtime Hours	ATS-CNN-CSAP0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Basic includes simple access lists and basic Network Address Translation (NAT). Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging,		\$1,200.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Installation and Configuration Support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Trouble shooting is limited to 1 hour per device.						

576	Customer Security Appliance Advance On-Site Test and Turn-Up LO Overtime Hours	ATS-CNN-CSOH0000	Labor Only (LO) Overtime Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Advance includes complex access list, extensive Port Address Translation (PAT), basic Next Generation Security Appliances, basic IDS, basic IPS, and basic Policy-Based Routing (PBR). Remediate defective equipment and return to manufacturer based on customer purchased maintenance		\$1,800.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

577	Customer Switch/Router Configuration Support LO Overtime Hours	ATS-CNN-CSRC0000	Labor Only (LO) Overtime Hours provide customer configuration support related to design assistance for switch activities to include Standard Layer 2 configuration with non-default security features, Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Router activities to include Static routing, stub dynamic		\$4,357.50	\$0.00	Per Occurrence	Yes	Required
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			routing, basic Network Address Translation (NAT), pre-defined Quality of Service (QoS) parameters, simple access lists, dynamic routing, more complex NAT, complex access lists, Policy-Based Routing (PBR), and non-default security. Configuration support will provide industry best practices and align with customer compliancy requirements. Must be ordered in conjunction with CALNET services. Not to exceed 16 hours per project. Multiple occurrences may have						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Individual Price Reduction (IPR) be IPR'ed based on scope.						

578	Customer Security Appliance Configuration Support LO Overtime Hours	ATS-CNN-CSAC0000	Labor Only (LO) Overtime Hours provide customer configuration support related to design assistance for Security Appliance activities to include simple access lists, and Network Address Translation (NAT), Complex access list, extensive Port Address Translation (PAT), Next Generation Security Appliances, IDS, IPS, Policy-Based Routing (PBR). Configuration support will provide industry best practices and align with customer		\$4,900.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			compliance requirements. Must be ordered in conjunction with CALNET services. Not to exceed 16 hours per project. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on scope.						

579	Technical PM Support Customer Equip LO Overtime Hours	ATS-CNN- TPME0000	Labor Only (LO) Overtime Hours staging for switch/router/se curity include unpackaging, power up device, and burn-in the equipment provided by the Customer. IOS will be upgraded to the agreed upon version and installation of customer provided configuration onto the device. Conduct appropriate pre- cutover testing. Inventory of device in Master Database by documenting device specific information (serial number, model and manufacturer), network specific		\$10,050.00	\$0.00	Per Occurre nce	Yes	Required
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			information, such as IP address, subnet in spread sheet format and label each switch in accordance to customer labeling scheme. Create and place asset tags in accordance with customer Asset Tracking Inventory Process. Provide configuration documentation in electronic and hard copies. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must						
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			be ordered in conjunction with CALNET services. Does not include the network design related to the device or trouble shooting configurations not allowing device to work on customer network. Staging of Switch/Router/ Security Appliance excludes Installation, Test and Turn-up and Configuration support of device activities. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.							
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580	Staging Customer Sw/Rtr/Sec Equip LO Sunday and Holiday Hours	ATS-CNN-SRSH0000	Labor Only (LO) Sunday and Holiday Hours staging for switch/router/security include unpackaging, power up device, and burn-in the equipment provided by the Customer. IOS will be upgraded to the agreed upon version and installation of customer provided configuration onto the device. Conduct appropriate pre-cutover testing. Inventory of device in Master Database by documenting device specific information (serial number, model and manufacturer),		\$520.00	\$0.00	Per Occurrence	Yes	Required
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			network specific information, such as IP address, subnet in spread sheet format and label each switch in accordance to customer labeling scheme. Create and place asset tags in accordance with customer Asset Tracking Inventory Process. Provide configuration documentation in electronic and hard copies. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as						
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			required. Must be ordered in conjunction with CALNET services. Does not include the network design related to the device or trouble shooting configurations not allowing device to work on customer network. Staging of Switch/Router/ Security Appliance excludes Installation, Test and Turn-up and Configuration support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Individual Price Reduction (IPR) be IPR'ed based on volume.						

581	Installation Customer Sw/Rtr/Sec Equip of Device LO Sunday and Holiday Hours	ATS-CNN- ICRS0000	Labor Only (LO) Sunday and Holiday Hours transport device (e.g. Device type can be, not limited to, the following: UPS, Switch, Wireless Access Point, Voice Gateways, Router, Security Appliance, Terminal Servers, etc.) to correct location from within the building, unpackage, attach applicable plates / racking brackets, placement of device in rack per customer direction, power up device, and connect the device to the customer provided network patch		\$479.95	\$0.00	Per Occurrence	Yes	Required
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			cords. This would include removing existing equipment from rack, if applicable, and clean up directly related to work performed. Technician will be deployed after customer has confirmed devices are onsite and accessible to perform this work. Must be ordered in conjunction with CALNET services. Does not include the Staging activities, testing post installation at customer site, troubleshooting of the device in the customer network, or Configuration						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Support related to the device. Switch not to exceed 48 ports. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

582	Customer Switch Basic On-Site Test and Turn-Up LO Sunday and Holiday Hours	ATS-CNN- CSWB0000	Labor Only (LO) Sunday and Holiday Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality (e.g. Switch or UPS). Standard Layer 2 configuration with non-default security features. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not		\$730.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 1 hour per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

583	Customer Switch Advance On-Site Test and Turn-Up LO Sunday and Holiday Hours	ATS-CNN-CSWA0000	Labor Only (LO) Sunday and Holiday Hours review customer provided configuration, review customer provided test plan and follow test plan for switch functionality. Layer 3 routing features, network policy integration, advanced security features to include DHCP Snooping, dynamic Advanced Routing Protocols (ARP) inspection, MAC filtering, and Layer 2 access lists. Remediate defective equipment and return to manufacturer based on customer		\$1,454.00	\$0.00	Per Occurrence	Yes	Required
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			purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						
584	Customer Router Basic On-Site Test and Turn-Up LO	ATS-CNN-CRBT0000	Labor Only (LO) Sunday and Holiday Hours		\$1,454.00	\$0.00	Per Occurrence	Yes	Required

	Sunday and Holiday Hours		review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Basic includes static routing, stub dynamic routing, basic Network Address Translation (NAT), pre- defined Quality of Service (QoS) parameters, and simple access lists. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

585	Customer Router Advanced On-Site Test and Turn-Up LO Sunday and Holiday Hours	ATS-CNN-CRTH0000	Labor Only (LO) review customer provided configuration, review customer provided test plan and follow test plan for router functionality. Advanced includes dynamic routing, more complex Network Address Translation (NAT), complex access lists, Policy-Based Routing (PBR), and non-default security. Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as		\$2,178.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

586	Customer Security Appliance Basic On- Site Test and Turn-Up LO Sunday and Holiday Hours	ATS-CNN-CSAB0000	Labor Only (LO) Sunday and Holiday Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Basic includes simple access lists and basic Network Address Translation (NAT). Remediate defective equipment and return to manufacturer based on customer purchased maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not		\$1,600.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			include Staging, Installation and Configuration Support of device activities. Hourly rates scope cannot conflict with scope identified on this feature code. Trouble shooting is limited to 1 hour per device.						

587	Customer Security Appliance Advance On-Site Test and Turn-Up LO Sunday and Holiday Hours	ATS-CNN-CSCS0000	Labor Only (LO) Sunday and Holiday Hours review customer provided configuration, review customer provided test plan and follow test plan for device functionality. Advance includes complex access list, extensive Port Address Translation (PAT), basic Next Generation Security Appliances, basic IDS, basic IPS, and basic Policy-Based Routing (PBR). Remediate defective equipment and return to manufacturer based on customer purchased		\$2,450.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			maintenance agreement as required. Must be ordered in conjunction with CALNET services. This does not include Staging, Installation and Configuration Support of device activities. Trouble shooting is limited to 2 hours per device. Hourly rates scope cannot conflict with scope identified on this feature code. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on volume.						

588	Customer Security Appliance Configuration Support LO Sunday and Holiday Hours	ATS-CNN-CSSN0000	Labor Only (LO) Sunday and Holiday Hours provide customer configuration support related to design assistance for Security Appliance activities to include simple access lists, and Network Address Translation (NAT), Complex access list, extensive Port Address Translation (PAT), Next Generation Security Appliances, IDS, IPS, Policy-Based Routing (PBR). Configuration support will provide industry best practices and align with		\$6,500.00	\$0.00	Per Occurrence	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			customer compliancy requirements. Must be ordered in conjunction with CALNET services. Not to exceed 16 hours per project. Multiple occurrences may have Individual Price Reduction (IPR) be IPR'ed based on scope.						

589	Technical PM Support Customer Equip LO Sunday and Holiday Hours	ATS-CNN-TPMS0000	Labor Only (LO) Sunday and Holiday Hours Technical Project Management Support provides for installation of devices supporting ancillary services efforts to develop and implement comprehensive project processes and plans. NWN project manager will coordinate all project resources including customer staff and other resources related to completing the effort. • Develop and coordinate schedule for		\$13,400.00	\$0.00	Per Occurrence	Yes	Required
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			configuration and deployment of customer provided devices. • Provide periodic status reports and updates to project schedule throughout duration of project. • Act as liaison between customer point of contact and other resources required to include but not limited to staging, rack and stack, on-site test and turn-up, and configuration support of devices. Provide customer final documentation for final close-out. Must be ordered in conjunction with						
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			CALNET services. Not to exceed 48 hours per project. Individual Price Reduction (IPR) IPR may be available based on scope.						

590	MLAN - Monitor and Notify - Small	ATS-CNN-MLNS0000	Managed LAN - Monitor & Notify - Small provides the monitoring of a Small managed device. The device is polled on a regular basis, and a repeated failure of the device to respond to polls will indicate a fault condition and will generate alarms. The fault will be isolated to access, transport, or CPE and a trouble ticket will be opened on the customer's behalf, and the customer will be proactively notified of the outage. NWN will own the resolution of the access and		\$195.00		Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			transport issues related to the fault. The customer retains responsibility for resolving all physical and logical Customer Premise Equipment (CPE) CPE issues.						

591	MLAN - Monitor and Notify - Small	ATS-CNR-MLNS0000	Managed LAN - Monitor & Notify - Small provides the monitoring of a Small managed device. The device is polled on a regular basis, and a repeated failure of the device to respond to polls will indicate a fault condition and will generate alarms. The fault will be isolated to access, transport, or Customer Premise Equipment (CPE) CPE and a trouble ticket will be opened on the customer's behalf, and the customer will be proactively notified of the			\$20.25	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			outage. NWN will own the resolution of the access and transport issues related to the fault. The customer retains responsibility for resolving all physical and logical CPE issues.						

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
592	MLAN - Monitor and Notify - Medium	ATS-CNN-MLNM0000	Bidder's Product Description: Managed LAN - Monitor & Notify - Medium provides everything provided by Managed LAN Monitor & Notify - Small except this service is for LAN equipment classified as a Medium sized device. MLAN - Monitor and Notify – Medium features include: Device Availability and Health Monitoring, Trouble Ticket Generation, and Proactive Outage Notification.		\$195.00		Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
593	MLAN - Monitor and Notify - Medium	ATS-CNR-MLNM0000	Bidder's Product Description: Managed LAN - Monitor & Notify - Medium provides everything provided by Managed LAN Monitor & Notify - Small except this service is for LAN equipment classified as a Medium sized device. MLAN - Monitor and Notify – Medium features include: Device Availability and Health Monitoring, Trouble Ticket Generation, and Proactive Outage Notification.			\$20.25	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
594	MLAN - Monitor and Notify - Large	ATS-CNN-MLNL0000	Bidder's Product Description: Managed LAN - Monitor & Notify - Large provides everything provided by Managed LAN Monitor & Notify - Small except this service is for LAN equipment classified as a Large sized device. MLAN - Monitor and Notify – Large features include: Device Availability and Health Monitoring, Trouble Ticket Generation, and Proactive Outage Notification.		\$195.00		Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
595	MLAN - Monitor and Notify - Large	ATS-CNR-MLNL0000	Bidder's Product Description: Managed LAN - Monitor & Notify - Large provides everything provided by Managed LAN Monitor & Notify - Small except this service is for LAN equipment classified as a Large sized device. MLAN - Monitor and Notify – Large features include: Device Availability and Health Monitoring, Trouble Ticket Generation, and Proactive Outage Notification.			\$20.25	Per Device	Yes	Required

596	MLAN - Physical - Small	ATS-CNN-MPSM0000	Bidder's Product Description: Managed LAN - Physical - Small provides all of the monitoring features of Managed LAN Monitor and Notify – Small as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) CPE issues. MLAN - Physical – Small features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive		\$195.00		Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						

597	MLAN - Physical - Small	ATS-CNR-MPSM0000	Bidder's Product Description: Managed LAN - Physical - Small provides all of the monitoring features of Managed LAN Monitor and Notify – Small as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) CPE issues. MLAN - Physical – Small features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive			\$27.00	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						

598	MLAN - Physical - Medium	ATS-CNN-MPMD0000	Bidder's Product Description: Managed LAN - Physical - Medium provides all of the monitoring features of Managed LAN Monitor and Notify – Medium as well as NWN owning the resolution of any physical Customer Premise Equipment (CPE) CPE issues. The customer retains responsibility for resolving all logical CPE issues. MLAN - Physical - Medium features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket		\$195.00		Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Generation, and Proactive Outage Notification.						

599	MLAN - Physical - Medium	ATS-CNR-MPMD0000	Bidder's Product Description: Managed LAN - Physical - Medium provides all of the monitoring features of Managed LAN Monitor and Notify – Medium as well as NWN owning the resolution of any physical Customer Premise Equipment (CPE) CPE issues. The customer retains responsibility for resolving all logical CPE issues. MLAN - Physical - Medium features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket			\$36.00	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Generation, and Proactive Outage Notification.						

600	MLAN - Physical - Large	ATS-CNN-MPLG0000	Bidder's Product Description: Managed LAN - Physical - Large provides all of the monitoring features of Managed LAN Monitor and Notify – Large as well as NWN owning the resolution of any physical CPE issues. The customer retains responsibility for resolving all logical Customer Premise Equipment (CPE) CPE issues. MLAN - Physical - Large features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive		\$195.00		Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						

601	MLAN - Physical - Large	ATS-CNR-MPLG0000	Bidder's Product Description: Managed LAN - Physical - Large provides all of the monitoring features of Managed LAN Monitor and Notify – Large as well as NWN owning the resolution of any physical Customer Premise Equipment (CPE) CPE issues. The customer retains responsibility for resolving all logical CPE issues. MLAN - Physical - Large features include: Device Availability and Health Monitoring, Fault Isolation, Trouble Ticket Generation, and Proactive			\$63.00	Per Device	Yes	Required
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			Outage Notification.						
602	MLAN - Full - Small	ATS-CNN-MLFS0000	Bidder's Product Description: Managed LAN - Full - Small provides all of the monitoring features of Managed LAN Physical - Small as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.		\$195.00		Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
603	MLAN - Full - Small	ATS-CNR-MLFS0000	Bidder's Product Description: Managed LAN - Full - Small provides all of the monitoring features of Managed LAN Physical - Small as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.			\$32.29	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
604	MLAN - Full - Medium	ATS-CNN-MLFM0000	Bidder's Product Description: Managed LAN - Full - Medium provides all of the monitoring features of Managed LAN Physical - Medium as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.		\$195.00		Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
605	MLAN - Full - Medium	ATS-CNR-MLFM0000	Bidder's Product Description: Managed LAN - Full - Medium provides all of the monitoring features of Managed LAN Physical - Medium as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.			\$41.51	Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
606	MLAN - Full - Large	ATS-CNN-MLLG0000	Bidder's Product Description: Managed LAN - Full - Large provides all of the monitoring features of Managed LAN Physical - Large as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.		\$195.00		Per Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
607	MLAN - Full - Large	ATS-CNR-MLLG0000	Bidder's Product Description: Managed LAN - Full - Large provides all of the monitoring features of Managed LAN Physical - Large as well as NWN owning the resolution of any logical Customer Premise Equipment (CPE) CPE issues.			\$76.11	Per Device		
608	MLAN Takeover of existing device	ATS-CNN-MLTO0000	Bidder's Product Description: Managed LAN - Takeover of Existing Device provides for the takeover process of previously installed and working device for management.		\$146.25	\$0.00	Per Occurrence		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
609	MLAN - Device Installation	ATS-CNN-MLIN0000	Bidder's Product Description: Managed LAN - Device Installation provides for the process of installing, implementing, and activating a new device under management		\$146.25	\$0.00	Per Occurrence		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
610	MLAN - Order Expedite	ATS-CNN-MLOE0000	Bidder's Product Description: Managed LAN - Order Expedite provides for an expedited process for activating a LAN device in fifteen (15) days or less. This service is solely for the purposes of expediting the Customer Premise Equipment (CPE) CPE installation process and does not affect circuit installation and activation.		\$825.00	\$0.00	Per Device		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
611	Technical Services Support I - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-TCSV0001	Basic Network Skillset - Standard Hours: Pre or Post implementation site survey and network support. Provides basic Networking skills. For Eexample: Installs equipment, powers up equipment. Performs Cross Connects. Places Phone sets. Inventory equipment. Can only be sold in conjunction with services supported on CALNET		\$95.00	\$0.00	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
612	Technical Services Support I - Non-Standard Hours	ATS-CNN-TCSN0001	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		\$142.50	\$0.00	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
613	Technical Services Support II - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-TCSV0002	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 solutions. Network configurations of router, switches and firewalls. Can only be sold in conjunction with services supported on CALNET		\$125.00	\$0.00	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
614	Technical Services Support II - Non-Standard Hours	ATS-CNN-TCSN0002	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		\$187.50	\$0.00	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
615	Network Engineer - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-NTWE0000	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		\$150.00	\$0.00	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
616	Network Engineer - Non-Standard Hours	ATS-CNN-NWEN0000	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.		\$225.00	\$0.00	Per Hour		

617	Network Engineer II - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-NESR0000	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		\$200.00	\$ -	Per Hour		
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618	Network Engineer II - Non-Standard Hours	ATS-CNN-NENS0000	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		\$300.00	-	Per Hour		
619	Professional Services - Senior	ATS-CNN-PRSE0000	Professional Network		\$250.00	-	Per Hour		

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
	Engineer - Standard Hours/Regular Rate (8am - 5pm local time)		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						

620	Professional Services Principal Architect I - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-PRNA0001	Multi-Skillset Individual providing Network oversight: Pre or Post-implementation site survey and network design. Provides highly advanced consulting skills across multiple disciplines. For Eexample:, 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		\$225.00	-	Per Hour		
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			services supported on CALNET						

621	Professional Services - Principal Architect II - Standard Hours/Regular Rate (8am - 5pm local time)	ATS-CNN-PRNA0002	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 Eexample,: 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		\$275.00	-	Per Hour		
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#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
			multiple technologies. Can only be sold in conjunction with services supported on CALNET						

20.2.10 Additional MPLS Services and Features

Contractor’s Description of Service:

NWN Additional MPLS Services and Features complementary to above MPLS Service

Geographic Availability:

Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code	Line Item	Service Location – City or ZIP Code
1	Los Angeles	141	Chula Vista	281	Fountain Valley	421	Millbrae	561	Winton
2	West Hollywood	142	Imperial Beach	282	Tustin	422	Mountain View	562	Santa Rosa
3	Playa Vista	143	Jamul	283	Anaheim	423	Pacifica	563	Cazadero
4	Bell Gardens	144	La Mesa	284	Brea	424	Redwood City	564	Clearlake

5	Beverly Hills	145	Lemon Grove	285	Fullerton	425	San Bruno	565	Cloverdale
6	Compton	146	National City	286	Garden Grove	426	San Carlos	566	Forestville
7	Culver City	147	Spring Valley	287	Norco	427	South San Francisco	567	Fort Bragg
8	Downey	148	Tecate	288	Orange	428	Sunnyvale	568	Geyserville
9	El Segundo	149	Bonsall	289	Placentia	429	San Francisco	569	Glen Ellen
10	Gardena	150	Cardiff By The Sea	290	Corona	430	Palo Alto	570	Gualala
11	Hawthorne	151	Carlsbad	291	Yorba Linda	431	Stanford	571	Guerneville
12	Hermosa Beach	152	Del Mar	292	Ventura	432	San Mateo	572	Healdsburg
13	Huntington Park	153	El Cajon	293	Camarillo	433	Alameda	573	Kelseyville
14	Lawndale	154	Encinitas	294	Carpinteria	434	American Canyon	574	Kenwood
15	Lynwood	155	Escondido	295	Fillmore	435	Danville	575	Lakeport
16	Malibu	156	Fallbrook	296	Moorpark	436	Alamo	576	Lower Lake
17	Manhattan Beach	157	Julian	297	Oak View	437	Angwin	577	Middletown
18	Maywood	158	La Jolla	298	Ojai	438	Antioch	578	Monte Rio

19	Pacific Palisades	159	Lakeside	299	Oxnard	439	Benicia	579	Occidental
20	Palos Verdes Peninsula	160	Oceanside	300	Piru	440	Brentwood	580	Philo
21	Rancho Palos Verdes	161	Camp Pendleton	301	Port Hueneme	441	Byron	581	Hidden Valley Lake
22	Redondo Beach	162	Pala	302	Santa Paula	442	Calistoga	582	Redwood Valley
23	South Gate	163	Pauma Valley	303	Simi Valley	443	Concord	583	Sebastopol
24	Topanga	164	Poway	304	Brandeis	444	Pleasant Hill	584	Sonoma
25	Venice	165	Ramona	305	Somis	445	Crockett	585	Ukiah
26	Marina Del Rey	166	Rancho Santa Fe	306	Santa Barbara	446	El Cerrito	586	Upper Lake
27	Playa Del Rey	167	San Marcos	307	Goleta	447	Fairfield	587	Willits
28	Inglewood	168	Santa Ysabel	308	Armona	448	Fremont	588	Windsor
29	Santa Monica	169	Santee	309	Arvin	449	Hayward	589	Eureka
30	Torrance	170	Solana Beach	310	Avenal	450	Castro Valley	590	Mckinleyville
31	Whittier	171	Vista	311	Coalinga	451	Hercules	591	Arcata

32	Buena Park	172	Valley Center	312	Corcoran	452	Lafayette	592	Crescent City
33	La Palma	173	San Diego	313	Delano	453	Livermore	593	Fortuna
34	Cypress	174	Coronado	314	Ducor	454	Martinez	594	Garberville
35	La Habra	175	San Ysidro	315	Earlimart	455	Moraga	595	Loleta
36	La Mirada	176	Indio	316	Exeter	456	Napa	596	Redway
37	Montebello	177	Indian Wells	317	Pine Mountain Club	457	Newark	597	Scotia
38	Norwalk	178	Palm Desert	318	Farmersville	458	Oakley	598	Smith River
39	Pico Rivera	179	Banning	319	Frazier Park	459	Orinda	599	Trinidad
40	Santa Fe Springs	180	Beaumont	320	Hanford	460	Pinole	600	Auburn
41	Stanton	181	Blythe	321	Kettleman City	461	Pittsburg	601	West Sacramento
42	Artesia	182	Brawley	322	Lake Isabella	462	Pleasanton	602	Brooks
43	Cerritos	183	Cabazon	323	Lamont	463	Dublin	603	Carmichael
44	Avalon	184	Calexico	324	Lebec	464	Rio Vista	604	Citrus Heights
45	Bellflower	185	Calipatria	325	Lemoore	465	Rodeo	605	Clarksburg
46	Harbor City	186	Cathedral City	326	Lindsay	466	Rutherford	606	Coloma
47	Lakewood	187	Coachella	327	Mc Farland	467	Saint Helena	607	Davis

48	Hawaiian Gardens	188	Desert Hot Springs	328	Porterville	468	Deer Park	608	Diamond Springs
49	Lomita	189	El Centro	329	Richgrove	469	San Leandro	609	Dixon
50	Los Alamitos	190	Heber	330	Shafter	470	San Lorenzo	610	Elk Grove
51	Paramount	191	Holtville	331	Stratford	471	San Ramon	611	Fair Oaks
52	San Pedro	192	Imperial	332	Strathmore	472	Suisun City	612	Folsom
53	Seal Beach	193	Joshua Tree	333	Taft	473	Sunol	613	Galt
54	Sunset Beach	194	La Quinta	334	Three Rivers	474	Union City	614	Garden Valley
55	Wilmington	195	Mecca	335	Tulare	475	Vallejo	615	Georgetown
56	Carson	196	Niland	336	Visalia	476	Walnut Creek	616	Herald
57	Signal Hill	197	North Palm Springs	337	Wasco	477	Yountville	617	Ione
58	Long Beach	198	Palm Springs	338	Woodlake	478	Oakland	618	Jackson
59	Altadena	199	Rancho Mirage	339	Bakersfield	479	Emeryville	619	Lincoln
60	Arcadia	200	Thermal	340	San Luis Obispo	480	Berkeley	620	Loomis
61	Duarte	201	Salton City	341	Los Osos	481	Albany	621	Mcclellan
62	La Canada Flintridge	202	Thousand Palms	342	Arroyo Grande	482	Richmond	622	Madison

63	Monrovia	203	Twentynine Palms	343	Atascadero	483	El Sobrante	623	Mather
64	Montrose	204	Whitewater	344	Buellton	484	San Pablo	624	Newcastle
65	Sierra Madre	205	Winterhaven	345	Cambria	485	San Rafael	625	North Highlands
66	South Pasadena	206	Yucca Valley	346	Cayucos	486	Greenbrae	626	Roseville
67	Sunland	207	Adelanto	347	Grover Beach	487	Belvedere Tiburon	627	Orangevale
68	Tujunga	208	Apple Valley	348	Guadalupe	488	Corte Madera	628	Placerville
69	Pasadena	209	Baker	349	Lompoc	489	Rohnert Park	629	Pleasant Grove
70	San Marino	210	Barstow	350	Los Alamos	490	Dillon Beach	630	Rancho Cordova
71	Glendale	211	Grand Terrace	351	Los Olivos	491	Cotati	631	Rescue
72	La Crescenta	212	Big Bear Lake	352	Morro Bay	492	Larkspur	632	Rio Linda
73	Agoura Hills	213	Bloomington	353	Nipomo	493	Marshall	633	Rocklin
74	Calabasas	214	Blue Jay	354	Paso Robles	494	Mill Valley	634	Shingle Springs
75	Canoga Park	215	Calimesa	355	Pismo Beach	495	Novato	635	Sloughhouse

76	Winnetka	216	Cedar Glen	356	San Ardo	496	Nicasio	636	Vacaville
77	West Hills	217	Cedarpines Park	357	Santa Margarita	497	Petaluma	637	Wheatland
78	Chatsworth	218	Colton	358	Santa Maria	498	Point Reyes Station	638	Winters
79	Encino	219	Crestline	359	Santa Ynez	499	Ross	639	Woodland
80	Newbury Park	220	Daggett	360	Shandon	500	San Anselmo	640	Camino
81	Newhall	221	Essex	361	Solvang	501	Sausalito	641	Colfax
82	Northridge	222	Fontana	362	Templeton	502	Woodacre	642	Pollock Pines
83	Porter Ranch	223	Hesperia	363	Mojave	503	Alviso	643	Granite Bay
84	Pacoima	224	Highland	364	California City	504	Aptos	644	El Dorado Hills
85	Reseda	225	Lake Arrowhead	365	Acton	505	Boulder Creek	645	Sacramento
86	San Fernando	226	Loma Linda	366	Bishop	506	Campbell	646	Antelope
87	Sylmar	227	Lucerne Valley	367	Boron	507	Capitola	647	Marysville
88	North Hills	228	Lytle Creek	368	Bridgeport	508	Castroville	648	Beale Afb
89	Granada Hills	229	Mentone	369	Edwards	509	Cupertino	649	Alleghany
90	Mission Hills	230	Needles	370	Independence	510	Felton	650	Arbuckle

91	Santa Clarita	231	Nipton	371	Keene	511	Freedom	651	Chico
92	Canyon Country	232	Oro Grande	372	Lancaster	512	Gilroy	652	Colusa
93	Sun Valley	233	Phelan	373	Little Rock	513	Hollister	653	Dunnigan
94	Valencia	234	Redlands	374	Llano	514	Los Gatos	654	Durham
95	Tarzana	235	Rialto	375	Lone Pine	515	Milpitas	655	Grass Valley
96	Thousand Oaks	236	Skyforest	376	Mammoth Lakes	516	Morgan Hill	656	Penn Valley
97	Westlake Village	237	Victorville	377	Palmdale	517	San Juan Bautista	657	Gridley
98	Woodland Hills	238	Yermo	378	Ridgecrest	518	San Martin	658	Live Oak
99	Stevenson Ranch	239	Yucaipa	379	Rosamond	519	Santa Clara	659	Magalia
100	Castaic	240	San Bernardino	380	Tehachapi	520	Santa Cruz	660	Nevada City
101	Van Nuys	241	Riverside	381	Chowchilla	521	Scotts Valley	661	Olivehurst
102	Panorama City	242	March Air Reserve Base	382	Clovis	522	Saratoga	662	Orland
103	Sherman Oaks	243	Lake Elsinore	383	Cutler	523	Soquel	663	Oroville
104	Burbank	244	Aguanga	384	Dinuba	524	Watsonville	664	Paradise

105	North Hollywood	245	Anza	385	Dos Palos	525	San Jose	665	Princeton
106	Studio City	246	Hemet	386	Firebaugh	526	Stockton	666	Quincy
107	Valley Village	247	Moreno Valley	387	Five Points	527	Acampo	667	Sutter
108	Universal City	248	Murrieta	388	Fowler	528	Angels Camp	668	Williams
109	Rancho Cucamonga	249	Nuevo	389	Friant	529	French Camp	669	Willows
110	Azusa	250	Perris	390	Kerman	530	Linden	670	Yuba City
111	Baldwin Park	251	San Jacinto	391	Kingsburg	531	Lodi	671	Redding
112	Chino	252	Menifee	392	Los Banos	532	San Andreas	672	Anderson
113	Chino Hills	253	Sun City	393	Madera	533	Atwater	673	Burney
114	Claremont	254	Temecula	394	Orange Cove	534	Tracy	674	Canby
115	Covina	255	Wildomar	395	Parlier	535	Ceres	675	Corning
116	El Monte	256	Irvine	396	Fresno	536	Crows Landing	676	Fall River Mills
117	South El Monte	257	Foothill Ranch	397	Reedley	537	Delhi	677	Fort Jones
118	Glendora	258	Capistrano Beach	398	Riverdale	538	Escalon	678	Mcarthur
119	La Puente	259	Corona Del Mar	399	Sanger	539	Groveland	679	Mount Shasta

120	Hacienda Heights	260	Costa Mesa	400	Selma	540	Gustine	680	Red Bluff
121	Rowland Heights	261	Dana Point	401	Salinas	541	Hilmar	681	Weaverville
122	La Verne	262	Lake Forest	402	Big Sur	542	Hughson	682	Weed
123	Mira Loma	263	Laguna Woods	403	Carmel	543	Jamestown	683	Yreka
124	Monterey Park	264	Huntington Beach	404	Gonzales	544	Lathrop	684	Alturas
125	Ontario	265	Laguna Beach	405	Greenfield	545	Le Grand	685	Cedarville
126	Montclair	266	Laguna Hills	406	King City	546	Livingston	686	Markleeville
127	Diamond Bar	267	Midway City	407	Marina	547	Manteca	687	Susanville
128	Pomona	268	Aliso Viejo	408	Monterey	548	Mariposa	688	Tahoma
129	Rosemead	269	Newport Coast	409	Pacific Grove	549	Merced	689	Kings Beach
130	San Dimas	270	Newport Beach	410	Pebble Beach	550	Modesto	690	Tahoe City
131	San Gabriel	271	San Clemente	411	Seaside	551	Newman	691	South Lake Tahoe
132	Temple City	272	San Juan Capistrano	412	Soledad	552	Oakdale	692	Truckee
133	Upland	273	Silverado	413	Belmont	553	Patterson		

134	Walnut	274	Laguna Niguel	414	Brisbane	554	Ripon
135	West Covina	275	Trabuco Canyon	415	Burlingame	555	Riverbank
136	Alhambra	276	Westminster	416	Daly City	556	Salida
137	Alpine	277	Rancho Santa Margarita	417	Los Altos	557	Sonora
138	Bonita	278	Mission Viejo	418	Menlo Park	558	Tuolumne
139	Boulevard	279	Ladera Ranch	419	Atherton	559	Turlock
140	Campo	280	Santa Ana	420	Portola Valley	560	Waterford

State Associated Administrative Fee Charge: All services in this catalog will have a 2% fee applied. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

Table 20.2.10 – Additional MPLS Services and Features

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
Add-On Service to activate port/access gateway for Internet Access within Core MPLS Infrastructure - Procured with MPLS Port & Access or MPLS Bundled Services. Not available as a standalone dedicated internet access service.									
1	Bundled Internet Access - 5Mbps NRC	ATS-MSN-INT-MPLS5M		Not Applicable for Port Only SKU's	\$1,933.75		Circuit	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
2	Bundled Internet Access - 5Mbps MRC	ATS-MSR-INT-MPLS5M		Not Applicable for Port Only SKU's		\$ 225.00	Circuit	Yes	Required
3	Bundled Internet Access - 10Mbps NRC	ATS-MSN-INT-MPLS10M		Not Applicable for Port Only SKU's	\$2,783.75		Circuit	Yes	Required
4	Bundled Internet Access - 10Mbps MRC	ATS-MSR-INT-MPLS10M		Not Applicable for Port Only SKU's		\$ 237.50	Circuit	Yes	Required
5	Bundled Internet Access - 20Mbps NRC	ATS-MSN-INT-MPLS20M		Not Applicable for Port Only SKU's	\$3,633.75		Circuit	Yes	Required
6	Bundled Internet Access - 20Mbps MRC	ATS-MSR-INT-MPLS20M		Not Applicable for Port Only SKU's		\$ 300.00	Circuit	Yes	Required
7	Bundled Internet Access - 50Mbps NRC	ATS-MSN-INT-MPLS50M		Not Applicable for Port Only SKU's	\$4,483.75		Circuit	Yes	Required
8	Bundled Internet Access - 50Mbps MRC	ATS-MSR-INT-MPLS50M		Not Applicable for Port Only SKU's		\$ 375.00	Circuit	Yes	Required
9	Bundled Internet Access - 100Mbps NRC	ATS-MSN-INT-MPLS100M		Not Applicable for Port Only SKU's	\$5,333.75		Circuit	Yes	Required
10	Bundled Internet Access - 100Mbps MRC	ATS-MSR-INT-MPLS100M		Not Applicable for Port Only SKU's		\$ 585.00	Circuit	Yes	Required
11	Bundled Internet Access - 200Mbps NRC	ATS-MSN-INT-MPLS200M		Not Applicable for Port Only SKU's	\$6,183.75		Circuit	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
12	Bundled Internet Access - 200Mbps MRC	ATS-MSR-INT-MPLS200M		Not Applicable for Port Only SKU's		\$ 674.00	Circuit	Yes	Required
13	Bundled Internet Access - 500Mbps NRC	ATS-MSN-INT-MPLS500M		Not Applicable for Port Only SKU's	\$7,033.75		Circuit	Yes	Required
14	Bundled Internet Access - 500Mbps MRC	ATS-MSR-INT-MPLS500M		Not Applicable for Port Only SKU's		\$ 788.50	Circuit	Yes	Required
15	Bundled Internet Access - 1Gbps NRC	ATS-MSN-INT-MPLS1G		Not Applicable for Port Only SKU's	\$11,390.00		Circuit	Yes	Required
16	Bundled Internet Access - 1Gbps MRC	ATS-MSR-INT-MPLS1G		Not Applicable for Port Only SKU's		\$ 1,035.00	Circuit	Yes	Required
17	Bundled Internet Access - 2Gbps NRC	ATS-MSN-INT-MPLS2G		Not Applicable for Port Only SKU's	\$19,040.00		Circuit	Yes	Required
18	Bundled Internet Access - 2Gbps MRC	ATS-MSR-INT-MPLS2G		Not Applicable for Port Only SKU's		\$ 1,221.50	Circuit	Yes	Required
19	Bundled Internet Access - 5Gbps NRC	ATS-MSN-INT-MPLS5G		Not Applicable for Port Only SKU's	\$26,690.00		Circuit	Yes	Required
20	Bundled Internet Access - 5Gbps MRC	ATS-MSR-INT-MPLS5G		Not Applicable for Port Only SKU's		\$ 1,894.00	Circuit	Yes	Required
21	Bundled Internet Access - 10Gbps NRC	ATS-MSN-INT-MPLS10G		Not Applicable for Port Only SKU's	\$34,340.00		Circuit	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
22	Bundled Internet Access - 10Gbps MRC	ATS-MSR-INT-MPLS10G		Not Applicable for Port Only SKU's		\$ 2,834.00	Circuit	Yes	Required
23	NWN Provided Provisioning Services	ATS-PRO-CIR-DIA		Not Applicable for Port Only SKU's	\$1,198.32	N/A	Per Device	Yes	Required
24	Port Change Request for Circuit	ATS-MSN-CIR-PCR			\$637.50	N/A	Per Request	Yes	Required
25	Port Expedite Request	ATS-MSN-CIR-PEXP			\$1,275.00	N/A	Per Request	Yes	Required
26	One Static IP address	ATS-AAS-IPA-1S		NWN Support Services	N/A	\$52.50	Device	Yes	Required
27	Five Static IP addresses	ATS-AAS-IPA-5S		NWN Support Services	N/A	\$85.75	Device	Yes	Required
28	Twenty-nine Static IP addresses	ATS-AAS-IPA-29S		NWN Support Services	N/A	\$196.00	Device	Yes	Required
29	Mobile Connection 10M	ATS-AAS-MC-10M		NWN Support Services	N/A	\$665.00	Device	Yes	Required
30	Mobile Connection 20M	ATS-AAS-MC-20M		NWN Support Services	N/A	\$840.00	Device	Yes	Required
31	Mobile Connection 50M	ATS-AAS-MC-50M		NWN Support Services	N/A	\$1,050.00	Device	Yes	Required
32	Mobile Connection 100M	ATS-AAS-MC-100M		NWN Support Services	N/A	\$1,662.50	Device	Yes	Required
33	Mobile Connection 250M	ATS-AAS-MC-250M		NWN Support Services	N/A	\$1,750.00	Device	Yes	Required
34	Mobile Connection 500M	ATS-AAS-MC-500M		NWN Support Services	N/A	\$2,187.50	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
35	Setup for Mobile Connection	ATS-PRO-MC		NWN Support Services	\$7,700.00	N/A	Device	Yes	Required
36	MPLS port, access and Layer 3 routing device bundled service at 1 Mbps (NRC)	ATS-AAS-MPLS-R1N		Unbundled Mandatory Service for ATS-BUN-MPLS-R1M - Only available when purchased with Bundled Service ATS-MSN-MPLS-R1M	\$375.00	N/A	Each	Yes	Required
37	MPLS port, access and Layer 3 routing device bundled service at 1 Mbps (MRC)	ATS-MSN-MPLS-R1M		Unbundled Mandatory Service for ATS-BUN-MPLS-R1M - Only available when purchased with Bundled Service ATS-AAS-MPLS-R1N	N/A	\$617.00	Each	Yes	Required
38	MPLS port, access and Layer 3 routing device bundled service at 3 Mbps (NRC)	ATS-AAS-MPLS-R3N		Unbundled Mandatory Service for ATS-BUN-MPLS-R3M - Only available when purchased with Bundled Service ATS-MSN-MPLS-R3M	\$375.00	N/A	Each	Yes	Required
39	MPLS port, access and Layer 3 routing device bundled service at 3 Mbps (MRC)	ATS-MSN-MPLS-R3M		Unbundled Mandatory Service for ATS-BUN-MPLS-R3M - Only available when purchased with Bundled Service ATS-AAS-MPLS-R3N	N/A	\$798.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
40	MPLS port, access and Layer 3 routing device bundled service at 4 Mbps (NRC)	ATS-AAS-MPLS-R4N		Unbundled Mandatory Service for ATS-BUN-MPLS-R4M - Only available with Bundled Service for ATS-MSN-MPLS-R4M	\$575.00	N/A	Each	Yes	Required
41	MPLS port, access and Layer 3 routing device bundled service at 4 Mbps (MRC)	ATS-MSN-MPLS-R4M		Unbundled Mandatory Service for ATS-BUN-MPLS-R4M - Only available with Bundled Service for ATS-AAS-MPLS-R4N	N/A	\$1,192.00	Each	Yes	Required
42	MPLS port, access and Layer 3 routing device bundled service at 5 Mbps (NRC)	ATS-AAS-MPLS-R5N		Unbundled Mandatory Service for ATS-BUN-MPLS-R5M - Only available with Bundled Service for ATS-MSN-MPLS-R5M	\$975.00	N/A	Each	Yes	Required
43	MPLS port, access and Layer 3 routing device bundled service at 5 Mbps (MRC)	ATS-MSN-MPLS-R5M		Unbundled Mandatory Service for ATS-BUN-MPLS-R5M - Only available with Bundled Service for ATS-AAS-MPLS-R5N	N/A	\$1,593.00	Each	Yes	Required
44	MPLS port, access and Layer 3 routing device bundled service at 7 Mbps (NRC)	ATS-AAS-MPLS-R7N		Unbundled Mandatory Service for ATS-BUN-MPLS-R7M - Only available with Bundled Service for ATS-MSN-MPLS-R7M	\$975.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
45	MPLS port, access and Layer 3 routing device bundled service at 7 Mbps (MRC)	ATS-MSN-MPLS-R7M		Unbundled Mandatory Service for ATS-BUN-MPLS-R7M - Only available with Bundled Service for ATS-AAS-MPLS-R7N	N/A	\$1,623.00	Each	Yes	Required
46	MPLS port, access and Layer 3 routing device bundled service at 9 Mbps (NRC)	ATS-AAS-MPLS-R9N		Unbundled Mandatory Service for ATS-BUN-MPLS-R9M - Only available with Bundled Service for ATS-MSN-MPLS-R9M	\$975.00	N/A	Each	Yes	Required
47	MPLS port, access and Layer 3 routing device bundled service at 9 Mbps (MRC)	ATS-MSN-MPLS-R9M		Unbundled Mandatory Service for ATS-BUN-MPLS-R9M - Only available with Bundled Service for ATS-AAS-MPLS-R9N	N/A	\$1,715.00	Each	Yes	Required
48	MPLS port, access and Layer 3 routing device bundled service at 10 Mbps (NRC)	ATS-AAS-MPLS-R10N		Unbundled Mandatory Service for ATS-BUN-MPLS-R10M - Only available with Bundled Service for ATS-MSN-MPLS-R10M	\$1,430.00	N/A	Each	Yes	Required
49	MPLS port, access and Layer 3 routing device bundled service at 10 Mbps (MRC)	ATS-MSN-MPLS-R10M		Unbundled Mandatory Service for ATS-BUN-MPLS-R10M - Only available with Bundled Service for ATS-AAS-MPLS-R10N	N/A	\$1,965.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
50	MPLS port, access and Layer 3 routing device bundled service at 12 Mbps (NRC)	ATS-AAS-MPLS-R12N		Unbundled Mandatory Service for ATS-BUN-MPLS-R12M - Only available with Bundled Service for ATS-MSN-MPLS-R12M	\$1,430.00	N/A	Each	Yes	Required
51	MPLS port, access and Layer 3 routing device bundled service at 12 Mbps (MRC)	ATS-MSN-MPLS-R12M		Unbundled Mandatory Service for ATS-BUN-MPLS-R12M - Only available with Bundled Service for ATS-AAS-MPLS-R12N	N/A	\$1,986.00	Each	Yes	Required
52	MPLS port, access and Layer 3 routing device bundled service at 15 Mbps (NRC)	ATS-AAS-MPLS-R15N		Unbundled Mandatory Service for ATS-BUN-MPLS-R15M - Only available with Bundled Service for ATS-MSN-MPLS-R15M	\$1,430.00	N/A	Each	Yes	Required
53	MPLS port, access and Layer 3 routing device bundled service at 15 Mbps (MRC)	ATS-MSN-MPLS-R15M		Unbundled Mandatory Service for ATS-BUN-MPLS-R15M - Only available with Bundled Service for ATS-AAS-MPLS-R15N	N/A	\$2,010.00	Each	Yes	Required
54	MPLS port, access and Layer 3 routing device bundled service at 20 Mbps (NRC)	ATS-AAS-MPLS-R20N		Unbundled Mandatory Service for ATS-BUN-MPLS-R20M - Only available with Bundled Service for ATS-MSN-MPLS-R20M	\$1,430.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
55	MPLS port, access and Layer 3 routing device bundled service at 20 Mbps (MRC)	ATS-MSN-MPLS-R20M		Unbundled Mandatory Service for ATS-BUN-MPLS-R20M - Only available with Bundled Service for ATS-AAS-MPLS-R20N	N/A	\$2,060.00	Each	Yes	Required
56	MPLS port, access and Layer 3 routing device bundled service at 30 Mbps (NRC)	ATS-AAS-MPLS-R30N		Unbundled Mandatory Service for ATS-BUN-MPLS-R30M - Only available with Bundled Service for ATS-MSN-MPLS-R30M	\$1,430.00	N/A	Each	Yes	Required
57	MPLS port, access and Layer 3 routing device bundled service at 30 Mbps (MRC)	ATS-MSN-MPLS-R30M		Unbundled Mandatory Service for ATS-BUN-MPLS-R30M - Only available with Bundled Service for ATS-AAS-MPLS-R30N	N/A	\$2,160.00	Each	Yes	Required
58	MPLS port, access and Layer 3 routing device bundled service at 40 Mbps (NRC)	ATS-AAS-MPLS-R40N		Unbundled Mandatory Service for ATS-BUN-MPLS-R40M - Only available with Bundled Service for ATS-MSN-MPLS-R40M	\$1,430.00	N/A	Each	Yes	Required
59	MPLS port, access and Layer 3 routing device bundled service at 40 Mbps (MRC)	ATS-MSN-MPLS-R40M		Unbundled Mandatory Service for ATS-BUN-MPLS-R40M - Only available with Bundled Service for ATS-AAS-MPLS-R40N	N/A	\$2,200.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
60	MPLS port, access and Layer 3 routing device bundled service at 50 Mbps (NRC)	ATS-AAS-MPLS-R50N		Unbundled Mandatory Service for ATS-BUN-MPLS-R50M - Only available with Bundled Service for ATS-MSN-MPLS-R50M	\$2,465.00	N/A	Each	Yes	Required
61	MPLS port, access and Layer 3 routing device bundled service at 50 Mbps (MRC)	ATS-MSN-MPLS-R50M		Unbundled Mandatory Service for ATS-BUN-MPLS-R50M - Only available with Bundled Service for ATS-AAS-MPLS-R50N	N/A	\$2,225.00	Each	Yes	Required
62	MPLS port, access and Layer 3 routing device bundled service at 60 Mbps (NRC)	ATS-AAS-MPLS-R60N		Unbundled Mandatory Service for ATS-BUN-MPLS-R60M - Only available with Bundled Service for ATS-MSN-MPLS-R60M	\$2,465.00	N/A	Each	Yes	Required
63	MPLS port, access and Layer 3 routing device bundled service at 60 Mbps (MRC)	ATS-MSN-MPLS-R60M		Unbundled Mandatory Service for ATS-BUN-MPLS-R60M - Only available with Bundled Service for ATS-AAS-MPLS-R60N	N/A	\$2,263.00	Each	Yes	Required
64	MPLS port, access and Layer 3 routing device bundled service at 70 Mbps (NRC)	ATS-AAS-MPLS-R70N		Unbundled Mandatory Service for ATS-BUN-MPLS-R70M - Only available with Bundled Service for ATS-MSN-MPLS-R70M	\$2,465.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
65	MPLS port, access and Layer 3 routing device bundled service at 70 Mbps (MRC)	ATS-MSN-MPLS-R70M		Unbundled Mandatory Service for ATS-BUN-MPLS-R70M - Only available with Bundled Service for ATS-AAS-MPLS-R70N	N/A	\$2,281.00	Each	Yes	Required
66	MPLS port, access and Layer 3 routing device bundled service at 80 Mbps (NRC)	ATS-AAS-MPLS-R80N		Unbundled Mandatory Service for ATS-BUN-MPLS-R80M - Only available with Bundled Service for ATS-MSN-MPLS-R80M	\$2,465.00	N/A	Each	Yes	Required
67	MPLS port, access and Layer 3 routing device bundled service at 80 Mbps (MRC)	ATS-MSN-MPLS-R80M		Unbundled Mandatory Service for ATS-BUN-MPLS-R80M - Only available with Bundled Service for ATS-AAS-MPLS-R80N	N/A	\$2,476.00	Each	Yes	Required
68	MPLS port, access and Layer 3 routing device bundled service at 90 Mbps (NRC)	ATS-AAS-MPLS-R90N		Unbundled Mandatory Service for ATS-BUN-MPLS-R90M - Only available with Bundled Service for ATS-MSN-MPLS-R90M	\$2,465.00	N/A	Each	Yes	Required
69	MPLS port, access and Layer 3 routing device bundled service at 90 Mbps (MRC)	ATS-MSN-MPLS-R90M		Unbundled Mandatory Service for ATS-BUN-MPLS-R90M - Only available with Bundled Service for ATS-AAS-MPLS-R90N	N/A	\$2,489.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
70	MPLS port, access and Layer 3 routing device bundled service at 100 Mbps (NRC)	ATS-AAS-MPLS-R100N		Unbundled Mandatory Service for ATS-BUN-MPLS-R100M - Only available with Bundled Service for ATS-MSN-MPLS-100M	\$5,735.00	N/A	Each	Yes	Required
71	MPLS port, access and Layer 3 routing device bundled service at 100 Mbps (MRC)	ATS-MSN-MPLS-100M		Unbundled Mandatory Service for ATS-BUN-MPLS-R100M - Only available with Bundled Service for ATS-AAS-MPLS-100N	N/A	\$2,540.00	Each	Yes	Required
72	MPLS port, access and Layer 3 routing device bundled service at 150 Mbps (NRC)	ATS-AAS-MPLS-R150N		Unbundled Mandatory Service for ATS-BUN-MPLS-R150M - Only available with Bundled Service for ATS-MSN-MPLS-150M	\$5,735.00	N/A	Each	Yes	Required
73	MPLS port, access and Layer 3 routing device bundled service at 150 Mbps (MRC)	ATS-MSN-MPLS-150M		Unbundled Mandatory Service for ATS-BUN-MPLS-R150M - Only available with Bundled Service for ATS-AAS-MPLS-150N	N/A	\$3,387.00	Each	Yes	Required
74	MPLS port, access and Layer 3 routing device bundled service at 200 Mbps (NRC)	ATS-AAS-MPLS-R200N		Unbundled Mandatory Service for ATS-BUN-MPLS-R200M - Only available with Bundled Service for ATS-MSN-MPLS-200M	\$5,735.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
75	MPLS port, access and Layer 3 routing device bundled service at 200 Mbps (MRC)	ATS-MSN-MPLS-200M		Unbundled Mandatory Service for ATS-BUN-MPLS-R200M - Only available with Bundled Service for ATS-AAS-MPLS-200N	N/A	\$3,514.00	Each	Yes	Required
76	MPLS port, access and Layer 3 routing device bundled service at 250 Mbps (NRC)	ATS-AAS-MPLS-R250N		Unbundled Mandatory Service for ATS-BUN-MPLS-R250M - Only available with Bundled Service for ATS-MSN-MPLS-R250M	\$5,735.00	N/A	Each	Yes	Required
77	MPLS port, access and Layer 3 routing device bundled service at 250 Mbps (MRC)	ATS-MSN-MPLS-R250M		Unbundled Mandatory Service for ATS-BUN-MPLS-R250M - Only available with Bundled Service for ATS-AAS-MPLS-R250N	N/A	\$3,568.00	Each	Yes	Required
78	MPLS port, access and Layer 3 routing device bundled service at 300 Mbps (NRC)	ATS-AAS-MPLS-R300N		Unbundled Mandatory Service for ATS-BUN-MPLS-R300M - Only available with Bundled Service for ATS-MSN-MPLS-300M	\$5,735.00	N/A	Each	Yes	Required
79	MPLS port, access and Layer 3 routing device bundled service at 300 Mbps (MRC)	ATS-MSN-MPLS-300M		Unbundled Mandatory Service for ATS-BUN-MPLS-R300M - Only available with Bundled Service for ATS-AAS-MPLS-300N	N/A	\$4,175.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
80	MPLS port, access and Layer 3 routing device bundled service at 400 Mbps (NRC)	ATS-AAS-MPLS-R400N		Unbundled Mandatory Service for ATS-BUN-MPLS-R400M - Only available with Bundled Service for ATS-MSN-MPLS-400M	\$5,735.00	N/A	Each	Yes	Required
81	MPLS port, access and Layer 3 routing device bundled service at 400 Mbps (MRC)	ATS-MSN-MPLS-400M		Unbundled Mandatory Service for ATS-BUN-MPLS-R400M - Only available with Bundled Service for ATS-AAS-MPLS-400N	N/A	\$4,556.00	Each	Yes	Required
82	MPLS port, access and Layer 3 routing device bundled service at 500 Mbps (NRC)	ATS-AAS-MPLS-R500N		Unbundled Mandatory Service for ATS-BUN-MPLS-R500M - Only available with Bundled Service for ATS-MSN-MPLS-500M	\$5,735.00	N/A	Each	Yes	Required
83	MPLS port, access and Layer 3 routing device bundled service at 500 Mbps (MRC)	ATS-MSN-MPLS-500M		Unbundled Mandatory Service for ATS-BUN-MPLS-R500M - Only available with Bundled Service for ATS-AAS-MPLS-500N	N/A	\$4,975.00	Each	Yes	Required
84	MPLS port, access and Layer 3 routing device bundled service at 600 Mbps (NRC)	ATS-AAS-MPLS-R600N		Unbundled Mandatory Service for ATS-BUN-MPLS-R600M - Only available with Bundled Service for ATS-MSN-MPLS-600M	\$5,735.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
85	MPLS port, access and Layer 3 routing device bundled service at 600 Mbps (MRC)	ATS-MSN-MPLS-600M		Unbundled Mandatory Service for ATS-BUN-MPLS-R600M - Only available with Bundled Service for ATS-AAS-MPLS-600N	N/A	\$5,436.00	Each	Yes	Required
86	MPLS port, access and Layer 3 routing device bundled service at 700 Mbps (NRC)	ATS-AAS-MPLS-R700N		Unbundled Mandatory Service for ATS-BUN-MPLS-R700M - Only available with Bundled Service for ATS-MSN-MPLS-700M	\$5,735.00	N/A	Each	Yes	Required
87	MPLS port, access and Layer 3 routing device bundled service at 700 Mbps (MRC)	ATS-MSN-MPLS-700M		Unbundled Mandatory Service for ATS-BUN-MPLS-R700M - Only available with Bundled Service for ATS-AAS-MPLS-700N	N/A	\$5,943.00	Each	Yes	Required
88	MPLS port, access and Layer 3 routing device bundled service at 1 Gbps (NRC)	ATS-AAS-MPLS-R1GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R1G - Only available with Bundled Service for ATS-MSN-MPLS-R1GM	\$8,340.00	N/A	Each	Yes	Required
89	MPLS port, access and Layer 3 routing device bundled service at 1 Gbps (MRC)	ATS-MSN-MPLS-R1GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R1G - Only available with Bundled Service for ATS-AAS-MPLS-R1GN	N/A	\$7,147.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
90	MPLS port, access and Layer 3 routing device bundled service at 2 Gbps (NRC)	ATS-AAS-MPLS-R2GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R2G - Only available with Bundled Service for ATS-MSN-MPLS-R2GM	\$8,340.00	N/A	Each	Yes	Required
91	MPLS port, access and Layer 3 routing device bundled service at 2 Gbps (MRC)	ATS-MSN-MPLS-R2GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R2G - Only available with Bundled Service for ATS-AAS-MPLS-R2GN	N/A	\$9,050.00	Each	Yes	Required
92	MPLS port, access and Layer 3 routing device bundled service at 3 Gbps (NRC)	ATS-AAS-MPLS-R3GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R3G - Only available with Bundled Service for ATS-MSN-MPLS-R3GM	\$8,340.00	N/A	Each	Yes	Required
93	MPLS port, access and Layer 3 routing device bundled service at 3 Gbps (MRC)	ATS-MSN-MPLS-R3GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R3G - Only available with Bundled Service for ATS-AAS-MPLS-R3GN	N/A	\$9,276.00	Each	Yes	Required
94	MPLS port, access and Layer 3 routing device bundled service at 4 Gbps (NRC)	ATS-AAS-MPLS-R4GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R4G - Only available with Bundled Service for ATS-MSN-MPLS-R4GM	\$8,340.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
95	MPLS port, access and Layer 3 routing device bundled service at 4 Gbps (MRC)	ATS-MSN-MPLS-R4GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R4G - Only available with Bundled Service for ATS-AAS-MPLS-R4GN	N/A	\$9,390.00	Each	Yes	Required
96	MPLS port, access and Layer 3 routing device bundled service at 5 Gbps (NRC)	ATS-AAS-MPLS-R5GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R5G - Only available with Bundled Service for ATS-MSN-MPLS-R5GM	\$11,900.00	N/A	Each	Yes	Required
97	MPLS port, access and Layer 3 routing device bundled service at 5 Gbps (MRC)	ATS-MSN-MPLS-R5GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R5G - Only available with Bundled Service for ATS-AAS-MPLS-R5GN	N/A	\$9,534.00	Each	Yes	Required
98	MPLS port, access and Layer 3 routing device bundled service at 6 Gbps (NRC)	ATS-AAS-MPLS-R6GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R6G - Only available with Bundled Service for ATS-MSN-MPLS-R6GM	\$11,900.00	N/A	Each	Yes	Required
99	MPLS port, access and Layer 3 routing device bundled service at 6 Gbps (MRC)	ATS-MSN-MPLS-R6GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R6G - Only available with Bundled Service for ATS-AAS-MPLS-R6GN	N/A	\$10,432.00	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
100	MPLS port, access and Layer 3 routing device bundled service at 7 Gbps (NRC)	ATS-AAS-MPLS-R7GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R7G - Only available with Bundled Service for ATS-MSN-MPLS-R7GM	\$11,900.00	N/A	Each	Yes	Required
101	MPLS port, access and Layer 3 routing device bundled service at 7 Gbps (MRC)	ATS-MSN-MPLS-R7GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R7G - Only available with Bundled Service for ATS-AAS-MPLS-R7GN	N/A	\$11,420.00	Each	Yes	Required
102	MPLS port, access and Layer 3 routing device bundled service at 8 Gbps (NRC)	ATS-AAS-MPLS-R8GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R8G - Only available with Bundled Service for ATS-MSN-MPLS-R8GM	\$11,900.00	N/A	Each	Yes	Required
103	MPLS port, access and Layer 3 routing device bundled service at 8 Gbps (MRC)	ATS-MSN-MPLS-R8GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R8G - Only available with Bundled Service for ATS-AAS-MPLS-R8GN	N/A	\$12,507.00	Each	Yes	Required
104	MPLS port, access and Layer 3 routing device bundled service at 9 Gbps (NRC)	ATS-AAS-MPLS-R9GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R9G - Only available with Bundled Service for ATS-MSN-MPLS-R9GM	\$11,900.00	N/A	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
105	MPLS port, access and Layer 3 routing device bundled service at 9 Gbps (MRC)	ATS-MSN-MPLS-R9GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R9G - Only available with Bundled Service for ATS-AAS-MPLS-R9GN	N/A	\$13,702.00	Each	Yes	Required
106	MPLS port, access and Layer 3 routing device bundled service at 10 Gbps (NRC)	ATS-AAS-MPLS-R10GN		Unbundled Mandatory Service for ATS-BUN-MPLS-R10G - Only available with Bundled Service for ATS-MSN-MPLS-R10GM	\$11,900.00	N/A	Each	Yes	Required
107	MPLS port, access and Layer 3 routing device bundled service at 10 Gbps (MRC)	ATS-MSN-MPLS-R10GM		Unbundled Mandatory Service for ATS-BUN-MPLS-R10G - Only available with Bundled Service for ATS-AAS-MPLS-R10GN	N/A	\$15,017.00	Each	Yes	Required
108	Out-of-band access to the managed layer 3 routing device (NRC)	ATS-AAS-MPLS-ROBAN		Unbundled Mandatory Service for ATS-BUN-MPLS-ROBA - Only available with Bundled Service for ATS-MSN-MPLS-ROBAM	\$2,755.00	N/A	Each	Yes	Required
109	Out-of-band access to the managed layer 3 routing device (MRC)	ATS-MSN-MPLS-ROBAM		Unbundled Mandatory Service for ATS-BUN-MPLS-ROBA - Only available with Bundled Service for ATS-AAS-MPLS-ROBAN	N/A	\$24.75	Each	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
110	Managed WLAN-WAP 802.11AC-NWN-Provided	NWNCA-WLAN11AC		Fully Managed WLAN Service that includes design and implementation of WLAN equipment plus includes: remote, proactive 24x7 monitoring of equipment; management of PoE equipment including health checks, incident assessment & resolution,; coordination of equipment vendor support response; and scheduled maintenance & monthly analysis reports Fully Managed WLAN Service that includes design and implementation of WLAN equipment plus includes: remote, proactive 24x7 monitoring of equipment; management of PoE equipment including	\$300.00	\$38.44	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				health checks, incident assessment & resolution,; coordination of equipment vendor support response; and scheduled maintenance & monthly analysis reports.					
111	Managed WLAN-WAP 802.11N-NWN-Provided	NWNCA-WLAN11N		Fully Managed WLAN Service that includes design and implementation of WLAN equipment plus includes: remote, proactive 24x7 monitoring of equipment; management of PoE equipment including health checks, incident assessment & resolution,; coordination of equipment vendor support response; and scheduled maintenance & monthly analysis reports.	\$150.00	\$38.44	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
112	Managed WLAN-Wireless Controller-NWN-Provided	NWNCA-WLANCTR		Fully Managed WLAN Service that includes design and implementation of WLAN equipment plus includes: remote, proactive 24x7 monitoring of equipment; management of PoE equipment including health checks, incident assessment & resolution,; coordination of equipment vendor support response; and scheduled maintenance & monthly analysis reports.	\$1300.00	\$563.75	Device	Yes	Required
113	Remote Proactive Monitoring LAN Infrastructure Services - Customer Owned Equipment/Managed Take-Over	NWNCA-PoEMON		MLAN or WLAN Monitoring Services includes remote, proactive 24x7 monitoring of equipment; management of PoE equipment including health checks, incident assessment & resolution,; coordination	\$0	\$56.38	Device	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				of equipment vendor support response; and scheduled maintenance & monthly performance and health analysis reports.					
114	NWN Fully Managed LAN-Implementation Services for Customer Owned Equipment (1-50 sites)	NWNCA-LANIMPL1		Technical Services for configuration and installation of Customer Owned LAN equipment.	\$875.00	N/A	Site	Yes	Required
115	NWN Fully Managed LAN-Implementation Services for Customer Owned Equipment (51-250 sites)	NWNCA-LANIMPL2		Technical Services for configuration and installation of Customer Owned LAN equipment.	\$800.00	N/A	Site	Yes	Required
116	NWN Fully Managed LAN-Implementation Services for Customer Owned Equipment (251-500 sites)	NWNCA-LANIMPL3		Technical Services for configuration and installation of Customer Owned LAN equipment.	\$750.00	N/A	Site	Yes	Required
117	NWN Fully Managed LAN-	NWNCA-LANIMPL4		Technical Services for configuration and	\$700.00	N/A	Site	Yes	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
	Implementation Services for Customer Owned Equipment (500 + sites)			installation of Customer Owned LAN equipment.					
118	NWN Professional and Technical Services	Several: See Items 119-128 below		Supplemental 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 network changes. These activities will be defined on a per Customer basis (detailed Scope of Work required) with the defined deliverable being a design/configuration document. Pricing is based on the below Professional services rates					
119	NWN Technical Services – Junior Engineer	NWNCA-TSJR		2-4 Years of experience working in an enterprise level IT environment.	\$135.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
	Standard Hours/Regular Rate (8am – 5pm local time)								
120	NWN Technical Services – Junior Engineer Non-Standard Hours	NWNCA-TSJROT		2-4 Years of experience working in an enterprise level IT environment.	\$210.00	N/A	Hour	No	Required
121	NWN Technical Services – Senior Engineer Standard Hours/Regular Rate (8am – 5pm local time)	NWNCA-TSSR		At least 7 years of experience that is directly related to the duties and responsibilities specified.	\$150.00	N/A	Hour	No	Required
122	NWN Technical Services – Senior Engineer Non-Standard Hours	NWNCA-TSSROT		At least 7 years of experience that is directly related to the duties and responsibilities specified.	\$225.00	N/A	Hour	No	Required
123	NWN Technical Services – Expert Engineer Standard Hours/Regular Rate (8am – 5pm local time)	NWNCA-TSEXP		7+ years of experience with IT project management or technical experience. 7+ years of experience with IT design for a Customer, including	\$175.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				requirement definition and execution. 7+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 7+ years of experience leading cross-functional teams and staff of all levels.					
124	NWN Technical Services – Expert Engineer Non-Standard Hours	NWNCA-TSEXPOT		7+ years of experience with IT project management or technical experience. 7+ years of experience with IT design for a Customer, including requirement definition and execution.	\$275.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				7+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 7+ years of experience leading cross-functional teams and staff of all levels.					
125	NWN Technical Services – Senior Design Engineer Standard Hours/Regular Rate (8am – 5pm local time)	NWNCA-PSSR		10+ years of experience with IT project management or technical experience. 10+ years of experience with IT design for A Customer, including requirement definition and execution.	\$160.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				10+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 12+ years of experience leading cross-functional teams and staff of all levels.					
126	NWN Technical Services – Senior Design Engineer Non-Standard Hours	NWNCA-PSSROT		10+ years of experience with IT project management or technical experience. 10+ years of experience with IT design for A Customer, including requirement definition and execution.	\$235.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				10+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 12+ years of experience leading cross-functional teams and staff of all levels.					
127	NWN Technical Services – Expert Design Engineer Standard Hours/Regular Rate (8am – 5pm local time)	NWNCA-PSEXP		10+ years of experience with IT project management or technical experience. 10+ years of experience with IT design for A Customer, including requirement definition and execution.	\$180.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				10+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 12+ years of experience leading cross-functional teams and staff of all levels.					
128	NWN Technical Services – Expert Design Engineer Non-Standard Hours	NWNCA-PSEX POT		10+ years of experience with IT project management or technical experience. 10+ years of experience with IT design for A Customer, including requirement definition and execution.	\$280.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
				10+ years of experience developing project plans including a project plan that includes the charter, scope, project management approach, management plans, statement of work, cost estimates, schedule. 12+ years of experience leading cross-functional teams and staff of all levels.					

20.3.2.1 Extended Demarcation Wiring Services

Contractor’s Description of Service:

Extended Demarcation service extends the demarcation point to the Customer defined termination location or Contractor's equipment.

Geographic Availability:

Entire State of CA

State Associated Administrative Fee Charge: All services in this catalog will have a 2% fee applied. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

Table 20.3.2.1 – Extended Demarcation Wiring Services

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	Extended Demarcation - Copper – Regular Hours	ATS-3PN-DMCCOP	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.		\$1,950.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
2	Extended Demarcation - Copper – Overtime Hours	ATS-3PN-DMCCOP-AH	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.		\$2,250.00	N/A	Installation	No	Required
3	Extended Demarcation - Copper – Sunday and Holiday Hours	ATS-3PN-DMCCOP-AHW	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.		\$2,550.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
4	Extended Demarcation - Copper 25 Pair – Regular Hours	ATS-3PN-DMCCOP25	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.		\$1,950.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
5	Extended Demarcation - Copper 25 Pair – Overtime Hours	ATS-3PN-DMCCOP25-AH	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.		\$2,250.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
6	Extended Demarcation - Copper 25 Pair – Sunday and Holiday Hours	ATS-3PN-DMCCOP25-AHW	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.		\$2,550.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
7	Extended Demarcation - Optical Fiber Link – Regular Hours	ATS-3PN-DMCFIB	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.		\$5,490.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
8	Extended Demarcation - Optical Fiber Link – Overtime Hours	ATS-3PN-DMCFIB-AH	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.		\$5,810.00	N/A	Installation	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	ATS-3PN-DMCFIB-AHW	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.		\$6,070.00	N/A	Installation	No	Required

20.3.3 Services Related Hourly Support

Contractor’s Description of Service:

Hourly support work for services related to this Category.

Geographic Availability:

Entire State of CA

State Associated Administrative Fee Charge: All services in this catalog will have a 2% fee applied. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

Table 20.3.3 – Services Related Hourly Support

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
1	Field Service Repair Technician Regular Hours	ATS-PRO-ASE-S	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.		\$155.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
2	Field Service Repair Technician Overtime Hours	ATS-PRO-ASE-AH	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.		\$205.00	N/A	Hour	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	Delegation Needed (Yes/No)	Required or Discretionary
3	Field Service Repair Technician Sunday and Holiday Hours	ATS-PRO-ASE-AHW	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.		\$215.00	N/A	Hour	No	Required