

IFB C4DNCS19  
Data Networks and Communications Services

CATEGORY 29 – CONVERGED VOIP Services

**NWN Corporation**

**CATALOG B**

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PO Box 1810

Rancho Cordova, CA 95741

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## Category 29 – Converged VOIP

### 29.2 Converged Voice Over Internet Protocol

#### 29.2.4 Converged VoIP Minimum Requirements

##### 29.2.4.3 Converged VoIP Handsets

**Contractor’s Description of Service:**

The standard seat pricing includes all equipment, hardware, software, and on-going administration, maintenance and upgrades. In addition, the standard seat pricing includes planning, applicable design, engineering, testing, installation, and customer end-user training services

**Geographic Availability:** Statewide

State Associated Administrative Fee Charge - Services identified below with “Yes” in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer’s invoice.

**Table 29.2.4.3.a – Converged VoIP Handset Service Packages**

#	Feature Name	Contractor’s Product ID	Feature Description	Contractor’s Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Standard Converged VoIP Handset Service Package	UC-BUN-CDNCS29-STNDHAND	Service Package with Standard Converged VoIP Handset.		\$135.00	\$14.30	Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Midrange Converged VoIP Handset Service Package	UC-BUN-CDNCS29-MIDHAND	Service Package with Midrange Converged VoIP Handset.		\$350.00	\$19.05	Seat	Yes	No	Required
3	Attendant Converged VoIP Handset Service Package	UC-BUN-CDNCS29-ATTHAND	Service Package with Attendant Converged VoIP Handset.		\$593.00	\$19.05	Seat	Yes	No	Required
4	Standard Converged VoIP Conference Room Speakerphone	UC-BUN-CDNCS29-STNDCONF	Service Package with Standard Conference Room Converged VoIP Speakerphone with no external speakers.		\$868.00	\$19.05	Seat	Yes	No	Required
5	Executive Converged VoIP Conference Room Speakerphone	UC-BUN-CDNCS29-EXECHAND	Service Package with Executive Conference Room Converged VoIP Speakerphone with two external speakers.		\$1,093.00	\$19.05	Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
6	Voice Gateway Support Service	UC-MSR-PRIVATE-AGW		Voice Gateway Support Service		\$115.00	Device	Yes	No	Required
7	UC Private Standard Voice Recording User	UC-AAS-PRIVATE-ARCRDU		UC Private Standard Voice Recording User		\$ 8.00	Device	Yes	No	Required
8	UC Private Advanced Voice Recording User	UC-AAS-PRIVATE-SCR		UC Private Advanced Voice Recording User		\$21.00	Device	Yes	No	Required
9	UC Hybrid/Private Distance Learning Training - Full Day	UC-3PN-TRAIN-FULLDAY		UC Hybrid/Private Distance Learning Training - Full Day	\$ 2,100.00		Day	No	No	Required
10	Attendant Console - Advanced	UC-AAS-PRIVATE-ADVATCON		Attendant Console - Advanced		\$125.71	Console	Yes	No	Required
11	High Capacity Analog Service (48 ports)	UC-MSN-PRIVATE-AGWY48		High Capacity Analog Service (48 ports)	\$ 9,125.00		Device	No	No	Required
12	Low Capacity Analog Service (4 ports)	UC-MSN-PRIVATE-AGWY4		Low Capacity Analog Service (4 ports)	\$ 1,435.00		Device	No	No	Required
13	Fax Over IP Service	UC-AAS-PRIVATE-FOIP		Fax Over IP Service		\$170.00	Concurrent Channel	Yes	No	Required
14	Work From Home Standard Bundle	UC-BUN-WFH-STND		Work From Home Standard Bundle		\$27.00	Seat	Yes	No	Required
15	Work From Home Executive Bundle	UC-BUN-WFH-EXEC		Work From Home Executive Bundle		\$74.50	Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
16	Work From Home Executive Video Bundle	UC-BUN-WFH-EXECV		Work From Home Executive Video Bundle		\$132.00	Seat	Yes	No	Required
17	Emergency Notification and Paging	UC-AAS-ENT-PAGING		Emergency Notification and Paging		\$3.75	Seat	Yes	No	Required
18	Power Management	UC-AAS-PRIVATE-PWRMGMT		Power Management		\$76.00	Location	Yes	No	Required
19	E911 Dynamic Mobile	UC-AAS-CIR-E911M		E911 Dynamic Mobile		\$10.00	User	Yes	No	Required
20	E911 Location	UC-PRO-PRIVATE-CERL		E911 Location	\$ 375.00		Location	No	No	Required
21	FedRAMP Compliance	UC-AAS-ENT-FEDRAMP		FedRAMP Compliance		\$9,880.00	System	Yes	No	Required
22	HWaaS Cisco 6841 MPP Phone	UC-AAS-HAAS-3PW6841		HWaaS Cisco 6841 MPP Phone		\$4.50	Device	Yes	No	Required
23	HWaaS Cisco 6851 MPP Phone	UC-AAS-HAAS-3PW6851		HWaaS Cisco 6851 MPP Phone		\$4.50	Device	Yes	No	Required
24	HWaaS Cisco 6861 MPP Phone	UC-AAS-HAAS-3PW6861		HWaaS Cisco 6861 MPP Phone		\$5.50	Device	Yes	No	Required
25	HWaaS Cisco KEM for 6800 Series MPP	UC-AAS-HAAS-3PW68KEM		HWaaS Cisco KEM for 6800 Series MPP		\$4.50	Device	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
26	HWaaS Cisco IP 7811 MPP Phone	UC-AAS-HAAS-3PW7811		HWaaS Cisco IP 7811 MPP Phone		\$3.75	Device	Yes	No	Required
27	HWaaS Cisco IP 7821 MPP Phone	UC-AAS-HAAS-3PW7821		HWaaS Cisco IP 7821 MPP Phone		\$4.50	Device	Yes	No	Required
28	HWaaS Cisco IP 7811 MPP Conference Phone	UC-AAS-HAAS-3PW7832		HWaaS Cisco IP 7811 MPP Conference Phone		\$28.00	Device	Yes	No	Required
29	HWaaS Cisco IP 7841 MPP Phone	UC-AAS-HAAS-3PW7841		HWaaS Cisco IP 7841 MPP Phone		\$6.50	Device	Yes	No	Required
30	HWaaS Cisco IP 7861 MPP Phone	UC-AAS-HAAS-3PW7861		HWaaS Cisco IP 7861 MPP Phone		\$6.50	Device	Yes	No	Required
31	HWaaS Cisco 8800 Series KEM for Audio IP Phone, MPP firmware	UC-AAS-HAAS-3PW88KEM		HWaaS Cisco 8800 Series KEM for Audio IP Phone, MPP firmware		\$9.00	Device	Yes	No	Required
32	HWaaS Cisco IP 8811 MPP Phone	UC-AAS-HAAS-3PW8811		HWaaS Cisco IP 8811 MPP Phone		\$8.55	Device	Yes	No	Required
33	HWaaS Cisco 8832 MPP Phone	UC-AAS-HAAS-3PW8832		HWaaS Cisco 8832 MPP Phone		\$38.00	Device	Yes	No	Required
34	HWaaS Cisco IP 8841 MPP Phone	UC-AAS-HAAS-3PW8841		HWaaS Cisco IP 8841 MPP Phone		\$8.55	Device	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
35	HWaaS Cisco IP 8845 MPP Phone	UC-AAS-HAAS-3PW8845		HWaaS Cisco IP 8845 MPP Phone		\$10.45	Device	Yes	No	Required
36	HWaaS Cisco IP 8851 MPP Phone	UC-AAS-HAAS-3PW8851		HWaaS Cisco IP 8851 MPP Phone		\$10.45	Device	Yes	No	Required
37	HWaaS Cisco IP 8861 MPP Phone	UC-AAS-HAAS-3PW8861		HWaaS Cisco IP 8861 MPP Phone		\$12.35	Device	Yes	No	Required
38	HWaaS Cisco IP 8865 MPP Phone	UC-AAS-HAAS-3PW8865		HWaaS Cisco IP 8865 MPP Phone		\$13.30	Device	Yes	No	Required
39	HWaaS Cisco Webex DX80	UC-AAS-HAAS-DX80		HWaaS Cisco Webex DX80		\$103.55	Device	Yes	No	Required
40	HWaaS Cisco Webex Board 70	UC-AAS-HAAS-BOARD70		HWaaS Cisco Webex Board 70		\$559.55	Device	Yes	No	Discretionary
41	HWaaS Cisco Webex Board 55	UC-AAS-HAAS-BOARD55		HWaaS Cisco Webex Board 55		\$1,044.05	Device	Yes	No	Discretionary
42	HWaaS Cisco Webex Board 85	UC-AAS-HAAS-BOARD85		HWaaS Cisco Webex Board 85		\$1,709.05	Device	Yes	No	Discretionary
43	HWaaS Cisco Webex Room Kit	UC-AAS-HAAS-RK		HWaaS Cisco Webex Room Kit		\$265.05	Device	Yes	No	Discretionary
44	HWaaS Cisco Room Kit Mini	UC-AAS-HAAS-RKM		HWaaS Cisco Room Kit Mini		\$132.05	Device	Yes	No	Discretionary
45	HWaaS Cisco Room Kit Mini Plus P60	UC-AAS-HAAS-RKMP60		HWaaS Cisco Room Kit Mini Plus P60		\$331.55	Device	Yes	No	Discretionary



#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
46	HWaaS Cisco Room Kit Mini Plus	UC-AAS-HAAS-RKMP		HWaaS Cisco Room Kit Mini Plus		\$398.05	Device	Yes	No	Discretionary
47	HWaaS Cisco Room Kit PRO (P60)	UC-AAS-HAAS-RKPRO		HWaaS Cisco Room Kit PRO (P60)		\$664.05	Device	Yes	No	Discretionary
48	HWaaS Cisco Webex Room 55	UC-AAS-HAAS-WBX55		HWaaS Cisco Webex Room 55		\$474.05	Device	Yes	No	Discretionary
49	HWaaS Cisco Webex Room 55 Dual	UC-AAS-HAAS-WBX55D		HWaaS Cisco Webex Room 55 Dual		\$882.55	Device	Yes	No	Discretionary
50	HWaaS Cisco Webex Room 70 Single	UC-AAS-HAAS-WBX70		HWaaS Cisco Webex Room 70 Single		\$1,709.05	Device	Yes	No	Discretionary
51	HWaaS Cisco Webex Room 70 Dual	UC-AAS-HAAS-WBX70D		HWaaS Cisco Webex Room 70 Dual		\$1,139.05	Device	Yes	No	Discretionary
52	HWaaS Cisco IP 7811 Phone (spare)	UC-AAS-HAAS-7811		HWaaS Cisco IP 7811 Phone (spare)		\$ 3.60	Device	Yes	No	Required
53	HWaaS Cisco IP 7821 Phone	UC-AAS-HAAS-7821		HWaaS Cisco IP 7821 Phone		\$ 4.50	Device	Yes	No	Required
54	HWaaS Cisco IP 7811 Conference Phone	UC-AAS-HAAS-7832		HWaaS Cisco IP 7811 Conference Phone		\$ 27.00	Device	Yes	No	Discretionary
55	HWaaS Cisco IP 7841 Phone	UC-AAS-HAAS-7841		HWaaS Cisco IP 7841 Phone		\$ 6.30	Device	Yes	No	Required
56	HWaaS Cisco IP 7861 Phone	UC-AAS-HAAS-7861		HWaaS Cisco IP 7861 Phone		\$ 6.30	Device	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
57	HWaaS Cisco 8800 Series KEM for Audio IP Phone, firmware	UC-AAS-HAAS-88KEM		HWaaS Cisco 8800 Series KEM for Audio IP Phone, firmware		\$ 9.00	Device	Yes	No	Required
58	HWaaS Cisco IP 8811 Phone	UC-AAS-HAAS-8811		HWaaS Cisco IP 8811 Phone		\$ 8.55	Device	Yes	No	Required
59	HWaaS Cisco 8832 Phone	UC-AAS-HAAS-8832		HWaaS Cisco 8832 Phone		\$ 38.00	Device	Yes	No	Required
60	HWaaS Cisco IP 8841 Phone	UC-AAS-HAAS-7881		HWaaS Cisco IP 8841 Phone		\$ 8.55	Device	Yes	No	Required
61	HWaaS Cisco IP 8845 Phone	UC-AAS-HAAS-8845		HWaaS Cisco IP 8845 Phone		\$ 10.45	Device	Yes	No	Required
62	HWaaS Cisco IP 8851 Phone	UC-AAS-HAAS-8851		HWaaS Cisco IP 8851 Phone		\$ 10.45	Device	Yes	No	Required
63	HWaaS Cisco IP 8861 Phone	UC-AAS-HAAS-8861		HWaaS Cisco IP 8861 Phone		\$ 12.35	Device	Yes	No	Required
64	HWaaS Cisco IP 8865 Phone	UC-AAS-HAAS-8865		HWaaS Cisco IP 8865 Phone		\$ 13.30	Device	Yes	No	Required
65	562 Wireless Dual Headset, Multi Base Station US,CA	UC-AAS-HAAS-HS562M		562 Wireless Dual Headset, Multi Base Station US,CA		\$ 9.50	Device	Yes	No	Required
66	561 Wireless Single Headset, Multi Base Station US,CA	UC-AAS-HAAS-HS561M		561 Wireless Single Headset, Multi Base Station US,CA		\$ 8.50	Device	Yes	No	Required
67	562 Wireless Dual Headset, Standard Base Station US,CA	UC-AAS-HAAS-HS562S		562 Wireless Dual Headset, Standard Base Station US,CA		\$ 7.75	Device	Yes	No	Required
68	561 Wireless Single Headset, Standard Base Station US,CA	UC-AAS-HAAS-HS561S		561 Wireless Single Headset, Standard Base Station US,CA		\$ 6.95	Device	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
69	Headset 531 Wired Single + USB Headset Adapter	UC-AAS-HAAS-HS531		Headset 531 Wired Single + USB Headset Adapter		\$ 4.70	Device	Yes	No	Required
70	Headset 532 Wired Dual + USB Headset Adapter	UC-AAS-HAAS-HS532		Headset 532 Wired Dual + USB Headset Adapter		\$ 5.15	Device	Yes	No	Required
71	Network Assessment using the RISC Tool to deliver a Custom Report	ATS-MSR-LAN-ASSESS		Network Assessment using the RISC Tool to deliver a Custom Report		\$ 74.40	Engagement	Yes	No	Required
72	Network Healthcheck for Device Configuration Analysis and Recommendations (includes documentation)	ATS-MSR-LAN-HCKCON		Network Healthcheck for Device Configuration Analysis and Recommendations (includes documentation)		\$ 19.81	Engagement	Yes	No	Required
73	Network Healthcheck for an Data Center Rack (include walk-thru, documentation, and Visio)	ATS-MSR-LAN-HCKDCRK		Network Healthcheck for an Data Center Rack (include walk-thru, documentation, and Visio)		\$ 87.06	Engagement	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
74	Network Healthcheck for an Edge Closet (include walk-thru, documentation, and Visio)	ATS-MSR-LAN-HCKEDGE		Network Healthcheck for an Edge Closet (include walk-thru, documentation, and Visio)		\$ 39.63	Engagement	Yes	No	Required
75	Cisco DNA Center High Availability Core Support	ATS-MSR-LAN-MMDNACHA		Cisco DNA Center High Availability Core Support		\$ 2,059.26	Device	Yes	No	Required
76	Cisco DNA Center Standalone Core Support	ATS-MSR-LAN-MMDNACS		Cisco DNA Center Standalone Core Support		\$ 1,029.64	Device	Yes	No	Required
77	Router Core Support	ATS-MSR-LAN-MMR		Router Core Support		\$ 367.12	Device	Yes	No	Required
78	Switch Chassis Core Support	ATS-MSR-LAN-MMSWC		Switch Chassis Core Support		\$ 493.72	Device	Yes	No	Required
79	Switch Fixed Port Core Support	ATS-MSR-LAN-MMSWF		Switch Fixed Port Core Support		\$ 244.85	Device	Yes	No	Required
80	Router Essentials Support	ATS-MSR-LAN-MR		Router Essentials Support		\$ 229.60	Device	Yes	No	Required
81	Switch Chassis Essentials Support	ATS-MSR-LAN-MSWC		Switch Chassis Essentials Support		\$ 204.80	Device	Yes	No	Required
82	Switch Fixed Port Essentials Support	ATS-MSR-LAN-MSWF		Switch Fixed Port Essentials Support		\$ 133.60	Device	Yes	No	Required
83	Hardware as a Service Switch	ATS-AAS-HAAS-SWITCH		Hardware as a Service Switch		\$ 54.40	Port	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
84	Hardware as a Service Midrange Phone	UC-MSN-HAAS-8800		Hardware as a Service Midrange Phone	\$ 255.00		Device	No	No	Required
85	Hardware as a Service Conf Phone	UC-MSN-HAAS-CONF88		Hardware as a Service Conf Phone	\$ 744.00		Device	No	No	Required
86	Hardware as a Service Headset 1	UC-MSN-HAAS-HSET1		Hardware as a Service Headset 1	\$ 155.00		Device	No	No	Required
87	Hardware as a Service Headset 2	UC-MSN-HAAS-HSET2		Hardware as a Service Headset 2	\$ 285.00		Device	No	No	Required
88	Hardware as a Service Headset 3	UC-MSN-HAAS-HSET3		Hardware as a Service Headset 3	\$ 310.00		Device	No	No	Required
89	Emergency Notification Board Support Service	UC-BUN-HAAS-ENBSS		Emergency Notification Board Support Service		\$ 75.00	Device	Yes	No	Required
90	Emergency Notification Board Service - Small	UC-BUN-HAAS-ENBSS		Emergency Notification Board Service - Small	\$ 2,195.00		Device	No	No	Required
91	Emergency Notification Board Service - Medium	UC-BUN-HAAS-ENBSM		Emergency Notification Board Service - Medium	\$ 3,850.00		Device	No	No	Required
92	Emergency Notification Board Service - Large	UC-BUN-HAAS-ENBSL		Emergency Notification Board Service - Large	\$ 4,990.00		Device	No	No	Required
93	Emergency Notification Board Service - XL	UC-BUN-HAAS-ENBSXL		Emergency Notification Board Service - XL	\$ 6,120.00		Device	No	No	Required
94	Emergency Notification Board Service - Outdoor	UC-BUN-HAAS-ENBSO		Emergency Notification Board Service - Outdoor	\$ 8,230.00		Device	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
95	Video Room Setup Small	UC-3PN-VIDEO-RRS		Video Room Setup Small	\$ 6,800.00		Room	No	No	Discretionary
96	Room Ready Medium	UC-3PN-VIDEO-RRM		Room Ready Medium	\$13,600.00		Room	No	No	Discretionary
97	Room Ready Large	UC-3PN-VIDEO-RRL		Room Ready Large	\$20,400.00		Room	No	No	Discretionary
98	Room Ready XL	UC-3PN-VIDEO-RRXL		Room Ready XL	\$27,200.00		Room	No	No	Discretionary
99	IP Paging and Notification Server	UC-AAS-PRIVATE-PAGSVR		IP Paging and Notification Server		\$ 592.00	Device	Yes	No	Required
100	IP Speaker registered to calling server support service	UC-AAS-PRIVATE-IPSPK		IP Speaker registered to calling server support service		\$ 41.00	Device	Yes	No	Required
101	IP Wall Mount Speaker registered to calling server support service	UC-AAS-PRIVATE-IPSPKW		IP Wall Mount Speaker registered to calling server support service		\$ 41.00	Device	Yes	No	Required
102	IP Ceiling Speaker registered to calling server support service	UC-AAS-PRIVATE-IPSPKC		IP Ceiling Speaker registered to calling server support service		\$ 41.00	Device	Yes	No	Required
103	IP Outdoor Speaker registered to calling server support service	UC-AAS-PRIVATE-IPSPKO		IP Outdoor Speaker registered to calling server support service		\$ 41.00	Device	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
104	IP Speaker registered to calling server	UC-MSN-PRIVATE-IPSPK		IP Speaker registered to calling server	\$ 365.00		Device	No	No	Required
105	IP Wall Mount Speaker registered to calling server	UC-MSN-PRIVATE-IPSPKW		IP Wall Mount Speaker registered to calling server	\$ 492.00		Device	No	No	Required
106	IP Ceiling Speaker registered to calling server	UC-MSN-PRIVATE-IPSPKC		IP Ceiling Speaker registered to calling server	\$ 538.00		Device	No	No	Required
107	IP Outdoor Speaker registered to calling server	UC-MSN-PRIVATE-IPSPKO		IP Outdoor Speaker registered to calling server	\$ 645.00		Device	No	No	Required
108	Advanced Service Assurance - Network Monitoring	UC-AAS-LAN-REPLYMM		Advanced Service Assurance - Network Monitoring		\$ 344.00	Device	Yes	No	Required
109	Mobile Edge	UC-AAS-PRIVATE-MOBEDGE		Mobile Edge		\$ 5,150.00	Connection	Yes	No	Required
110	AI Assistant	UC-AAS-PRIVATE-AIA		AI Assistant		\$ 530.00	Port	Yes	No	Required
111	Standard Converged VoIP Handset Service Package (NRC)	UC-MSN-CDNCS29-STNDHAND		Unbundled - Standard Converged VoIP Handset Service Package  NRC for Solicited SKU # UC-BUN-CDNCS29-STNDHAND	\$ 135.00		Seat	No	No	Required

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11 2	Standard Converged VoIP Handset Service Package (MRC)	UC-MSR-CDNCS29-STNDHAND		Unbundled - Standard Converged VoIP Handset Service Package  MRC for Solicited SKU # UC-BUN-CDNCS29-STNDHAND		\$ 12.80	Seat	Yes	No	Required
11 3	Midrange Converged VoIP Handset Service Package (NRC)	UC-MSN-CDNCS29-MIDHAND		Unbundled - Midrange Converged VoIP Handset Service Package  NRC for Solicited SKU # UC-BUN-CDNCS29-MIDHAND	\$ 350.00		Seat	No	No	Required
11 4	Midrange Converged VoIP Handset Service Package (MRC)	UC-MSR-CDNCS29-MIDHAND		Unbundled - Midrange Converged VoIP Handset Service Package  MRC for Solicited SKU # UC-BUN-CDNCS29-MIDHAND		\$ 17.55	Seat	Yes	No	Required
11 5	Attendant Converged VoIP Handset Service Package (NRC)	UC-MSN-CDNCS29-ATTHAND		Unbundled - Attendant Converged VoIP Handset Service Package	\$ 593.00		Seat	No	No	Required



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				NRC for Solicited SKU # UC-BUN-CDNCS29-ATTHAND						
116	Attendant Converged VoIP Handset Service Package (MRC)	UC-MSR-CDNCS29-ATTHAND		Unbundled - Attendant Converged VoIP Handset Service Package  MRC for Solicited SKU # UC-BUN-CDNCS29-ATTHAND		\$ 17.55	Seat	Yes	No	Required
117	Standard Converged VoIP Conference Room Speakerphone (NRC)	UC-MSN-CDNCS29-STNDCONF		Unbundled - Standard Converged VoIP Conference Room Speakerphone  NRC for Solicited SKU # UC-BUN-CDNCS29-STNDCONF	\$ 868.00		Seat	No	No	Required
118	Standard Converged VoIP Conference Room Speakerphone (MRC)	UC-MSR-CDNCS29-STNDCONF		Unbundled - Standard Converged VoIP Conference Room Speakerphone  MRC for Solicited SKU # UC-BUN-CDNCS29-STNDCONF		\$ 17.55	Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
119	Executive Converged VoIP Conference Room Speakerphone (NRC)	UC-MSN-CDNCS29-EXECHAND		Unbundled - Executive Converged VoIP Conference Room Speakerphone  NRC for Solicited SKU # UC-BUN-CDNCS29-EXECHAND	\$ 1,093.00		Seat	No	No	Required
120	Executive Converged VoIP Conference Room Speakerphone (MRC)	UC-MSR-CDNCS29-EXECHAND		Unbundled - Executive Converged VoIP Conference Room Speakerphone  MRC for Solicited SKU # UC-BUN-CDNCS29-EXECHAND		\$ 17.55	Seat	Yes	No	Required
121	Microsoft Platform	UC-PRO-MT-PLAT			\$75,000.00		Customer	No	No	Required
122	Microsoft Headset 1	UC-3PN-MT-HEAD1			\$365.00		Device	No	No	Required
123	Microsoft Headset 2	UC-3PN-MT-HEAD2			\$275.50		Device	No	No	Required
124	Microsoft Headset 3	UC-3PN-MT-HEAD3			\$272.00		Device	No	No	Required
125	Microsoft Handset 1	UC-3PN-MT-HAND1			\$480.00		Device	No	No	Required
126	Microsoft Handset 2	UC-3PN-MT-HAND2			\$615.00		Device	No	No	Required
127	Microsoft Handset 3	UC-3PN-MT-HAND3			\$1,025.00		Device	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
128	Microsoft Handset 4	UC-3PN-MT-HAND4			\$3,275.00		Device	No	No	Required
129	FedRAMP Compliance Seat	UC-AAS-ENT-FEDRAMPS				\$8.25	Seat	Yes	No	Required
130	NWN Managed Teams Room Standard Bundle	UC-AAS-MT-RS				\$75.00	Each	Yes	No	Required
131	NWN Managed Teams Room Premium Bundle	UC-AAS-MT-RP				\$150.00	Each	Yes	No	Required
132	NWN Managed Teams Storage Add-on	UC-AAS-MT-STG-ADD				\$175.00	Terabyte	Yes	No	Required
133	Microsoft Teams Integration with Cisco Calling Setup	UC-PRO-MT-CCI			\$150,000.00		Platform	No	No	Required
134	Microsoft Teams Calling Direct Routing (SBCaaS) Calling Plan Tier 1 (250-1499)	UC-AAS-MT-CPT1				\$30.00	Seat	Yes	No	Required
135	Microsoft Teams Calling Direct Routing (SBCaaS) Calling Plan Tier 2 (1500 - 4999)	UC-AAS-MT-CPT2				\$25.00	Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
136	Microsoft Teams Calling Direct Routing (SBCaaS) Calling Plan Tier 3 (5000+)	UC-AAS-MT-CPT3				\$20.00	Seat	Yes	No	Required
137	Microsoft Teams Calling Site/Location Setup	UC-PRO-MT-SITE			\$7,500.00		Site	No	No	Required
138	Microsoft Teams Calling User Setup Tier 1 (250 - 1499)	UC-PRO-MT-UT1			\$75.00		Seat	No	No	Required
139	Microsoft Teams Calling User Setup Tier 2 (1500 - 4999)	UC-PRO-MT-UT2			\$60.00		Seat	No	No	Required
140	Microsoft Teams Calling User Setup Tier 3 (5000+)	UC-PRO-MT-UT3			\$50.00		Seat	No	No	Required
141	Microsoft Teams Integration with Cisco Calling Support	UC-MSR-MT-CCI				\$7,500.00	Platform	Yes	No	Required

## 29.2.5 Additional Converged VoIP Services and Features

### Contractor's Description of Service:

The NWN Converged VoIP Solution will provide Network Failure Site Survivability as an option to provide support in the event of WAN or SD-WAN network failure. In the NWN Converged VoIP Solution, telephony survivability is accomplished with standard SRST (Survivable Remote Site Telephony) configurations on the customer's premise equipment (CPE) and a local telephony connection.

**Geographic Availability:** Statewide

State Associated Administrative Fee Charge - Services identified below with "Yes" in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

**Table 29.2.5.a Converged VoIP Service 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Converged VoIP Small Site Survivability Network Failure	UC-BUN-CDNCS29-SRSTS	Site survivability option for a site with 100 Desktop Handsets and 15 concurrent calls to outside lines.		\$1,195.00	\$415.00	Each	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Converged VoIP Medium Site Survivability Network Failure	UC-BUN-CDNCS29-SRSTM	Site Survivability option for a site with 500 Desktop Handsets and 75 concurrent calls to outside lines.		\$2,125.00	\$578.00	Each	Yes	No	Required
3	Converged VoIP Large Site Survivability Network Failure	UC-BUN-CDNCS29-SRSTL	Site Survivability option for a site with 1000 Desktop Handsets and 150 concurrent calls to outside lines.		\$2,850.00	\$920.00	Each	Yes	No	Required
4	Converged VoIP Network LAN Assessment Retest	UC-PRO-CDNCS-CABTEST	Additional test beyond the initial LAN Assessment test as identified in the Converged VoIP Network LAN Assessment Section.		\$155.00		Seat	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
5	Converged VoIP Block of 20 Additional Direct Inward Dialing Number Reservation	UC-AAS-CDNCS-DID20	Block of 20 DID numbers held in reservation.			\$15.00	Block	Yes	No	Required
6	Converged VoIP Web-Based Attendant Console	UC-AAS-CDNCS29-ACHS	Enables an End-User (e.g., receptionist) to monitor a configurable set of End-Users			\$15.80	Each	Yes	No	Required
7	Converged VoIP Additional Line Appearance	UC-AAS-CDNCS29-LINEAPP	Additional line appearances for multi-line handsets.			\$1.00	Appearance	Yes	No	Required
8	Converged VoIP Analog Support	UC-BUN-CDNCS29-ANLOGSU	Analog device support		\$30.00	\$12.80	Each	Yes	No	Required
9	UC Private SIP/PRI Gateway Setup	UC-PRO-PRIVATE-SPGW		UC Private SIP/PRI Gateway Setup	\$880.00		Gateway	No	No	Required
10	Global Plan, Unlimited	UC-MSN-CDNCS-UNINTL1Y				\$12.00	Seat	Yes	No	Required
11	Onsite Day-1 Support – Full Day	UC-PRO-ENT-DAY1SUP			\$1,700.00		Day	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
12	On-Site Phone Deployment up to 50 devices	UC-PRO-ENT-SITED			\$580.00		50 Devices	No	No	Required
13	Converged VoIP Small Site Survivability Network Failure (NRC)	UC-MSN-CDNCS29-SRSTS		Unbundled - Converged VoIP Small Site Survivability Network Failure  NRC for Solicited SKU # UC-BUN-CDNCS29-SRSTS	\$ 1,195.00		Seat	No	No	Required
14	Converged VoIP Small Site Survivability Network Failure (MRC)	UC-MSR-CDNCS29-SRSTS		Unbundled - Converged VoIP Small Site Survivability Network Failure  MRC for Solicited SKU # UC-BUN-CDNCS29-SRSTS		\$ 415.00	Seat	Yes	No	Required
15	Converged VoIP Medium Site Survivability Network Failure (NRC)	UC-MSN-CDNCS29-SRSTM		Unbundled - Converged VoIP Medium Site Survivability Network Failure  NRC for Solicited SKU # UC-BUN-CDNCS29-SRSTM	\$ 2,125.00		Seat	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
16	Converged VoIP Medium Site Survivability Network Failure (MRC)	UC-MSR-CDNCS22-SRSTM		Unbundled - Converged VoIP Medium Site Survivability Network Failure  MRC for Solicited SKU # UC-BUN-CDNCS29-SRSTM		\$ 578.00	Seat	Yes	No	Required
17	Converged VoIP Large Site Survivability Network Failure (NRC)	UC-MSN-CDNCS29-SRSTL		Unbundled - Converged VoIP Large Site Survivability Network Failure  NRC for Solicited SKU # UC-BUN-CDNCS29-SRSTL	\$ 2,850.00		Seat	No	No	Required
18	Converged VoIP Large Site Survivability Network Failure (MRC)	UC-MSR-CDNCS29-SRSTL		Unbundled - Converged VoIP Large Site Survivability Network Failure  MRC for Solicited SKU # UC-BUN-CDNCS29-SRSTL		\$ 920.00	Seat	Yes	No	Required
19	Converged VoIP Analog Support (NRC)	UC-MSN-CDNCS29-ANLOGSUP		Unbundled - Converged VoIP Analog Support	\$ 30.00		Seat	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
				NRC for Solicited SKU # UC-BUN-CDNCS29-ANLOGSUP						
20	Converged VoIP Analog Support (MRC)	UC-MSR-CDNCS29-ANLOGSUP		Unbundled - Converged VoIP Analog Support  MRC for Solicited SKU # UC-BUN-CDNCS29-ANLOGSUP		\$ 12.80	Seat	Yes	No	Required

## 29.2.6 Converged Calling Requirements

### 29.2.6.3 Converged VoIP Off-Net Toll-Free Services

#### Contractor's Description of Service:

NWN's Off-Net Toll-Free Service allows a customer to receive inbound toll-free calls from domestic locations. Service can be usage based or a committed rate.

#### Geographic Availability: Statewide

State Associated Administrative Fee Charge - Services identified below with "Yes" in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

**Table 29.2.6.3.a – Converged VoIP Off-Net Toll-Free**

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Converged VoIP Off-Net Toll-Free	UC-MSN-CDNCS-TF1	Allows a Customer to receive off-net toll-free calls from the 50 United States, the District Of Columbia, the Virgin Islands, and Puerto Rico.		\$0.0900		Minute	Yes	No	Required
2	Toll-Free DID	UC-AAS-CIR-TFDID		Toll-Free DID		\$8.5000	DID	Yes	No	Required
3	Port Charge	UC-PRO-DID-ACT		Port Charge	\$325.0000		Engage ment	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
4	CNAM for Toll-Free	UC-AAS-CDNCS-TFCNAM		CNAM for Toll-Free		\$6,875.0000	DID	Yes	No	Required

## 29.2.6.4 Converged International Off-Net Calling

### Contractor's Description of Service:

NWN service includes ability to dial internationally. This can be purchased in a usage per minute model, committed rate, or unlimited service.

### Geographic Availability: Statewide

State Associated Administrative Fee Charge - Services identified below with "Yes" in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

**Table 29.2.6.4.a – Converged VoIP International Peak Time Off-Net Calling**

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
2	Canada	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
3	China	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
4	France	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
5	Germany	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
6	Israel	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
7	Italy	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
8	Japan	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
9	Korea	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
10	Mexico	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
11	Spain	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
12	Switzerland	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
13	United Kingdom	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
14	Global Plan	UC-MSN-CDNCS-INTL1	\$0.9300	Minute	Yes	No	Required

**Table 29.2.6.4.c – Converged VoIP International Off-Peak Off-Net Calling**

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
2	Canada	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
3	China	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
4	France	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
5	Germany	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
6	Israel	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
7	Italy	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
8	Japan	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
9	Korea	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
10	Mexico	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
11	Spain	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
12	Switzerland	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
13	United Kingdom	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required

**Table 29.2.6.4.e – Converged VoIP International IMTC Off-Net Calling**

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
2	Canada	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
3	China	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
4	France	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
5	Germany	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
6	Israel	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
7	Italy	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
8	Japan	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
9	Korea	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
10	Mexico	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
11	Spain	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
12	Switzerland	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required
13	United Kingdom	UC-MSN-CDNCS-INTLGO	\$0.9300	Minute	Yes	No	Required



## 29.2.7 Converged VoIP Voice Mail Services

### Contractor's Description of Service:

NWN provides voicemail services that are interoperable with our Converged VoIP Services and offers integration with email services.

### Geographic Availability: Statewide

State Associated Administrative Fee Charge - Services identified below with "Yes" in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

**Table 29.2.7.a – Converged VoIP Voice Mail 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Converged VoIP Voice Mail Service	UC-BUN-CDNCS29-VM	Converged VoIP Voice Mail Service with the minimum feature requirements.		\$102.50	\$0.80	Each	Yes	No	Required
2	Speech Recognition	UC-AAS-ENT-SPEECH		Speech Recognition		\$0.78	Seat	Yes	No	Required
3	UC Private Voicemail Transcription User	UC-AAS-PRIVATE-VMU		UC Private Voicemail Transcription User		\$0.75	Seat	Yes	No	Required
4	Additional Call Handlers - 2x5 options	UC-PRO-ENT-CH2		Additional Call Handlers - 2x5 options	\$650.00		Handler	No	No	Required
5	Additional Call Handlers - 4x5 options	UC-PRO-ENT-CH4		Additional Call Handlers - 4x5 options	\$1,150.00		Handler	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
6	Voice Mail (NRC)	UC-MSN-CDNCS29-VM			\$102.50		Each	No	No	Required
7	Voice Mail (MRC)	UC-MSR-CDNCS29-VM				\$ 0.80	Each	Yes	No	Required

## 29.3 OTHER SERVICES

### 29.3.2 Services Related Infrastructure (SRI)

#### 29.3.2.1 Extended Demarcation Wiring Services

**Contractor's Description of Service:**

NWN's extended Demarc wiring service extends the demarcation point to the Customer defined termination location or cross-connect point from the Contractor's LAN device.

**Geographic Availability:** Statewide

State Associated Administrative Fee Charge - Services identified below with "Yes" in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer's invoice.

Table 29.3.2.1 – 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Extended Demarcation - Copper – Regular Hours	UC-3PN-CDNCS29-DMCC	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.		\$600.00	N/A	Installation	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Extended Demarcation - Copper – Overtime Hours	UC-3PN-CDNCS29-DMCCAH	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.		\$750.00	N/A	Installation	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
3	Extended Demarcation - Copper – Sunday and Holiday Hours	UC-3PN-CDNCS29-DMCCAH	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.		\$750.00	N/A	Installation	No	No	Required

4	Extended Demarcation - Copper 25 Pair – Regular Hours	UC-3PN-CDNCS29-DMCC25	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,		\$600.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing, and labeling.							



5	Extended Demarcation - Copper 25 Pair – Overtime Hours	UC-3PN-CDNCS29-DMCC25AH	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,	\$750.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing, and labeling.							

6	Extended Demarcation - Copper 25 Pair – Sunday and Holiday Hours	UC-3PN-CDNCS29-DMCC25AH	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,		\$750.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing, and labeling.							

7	Extended Demarcation - Optical Fiber Link – Regular Hours	UC-3PN-CDNCS29-DMCF	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,		\$1,200.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing and labeling.							

8	Extended Demarcation - Optical Fiber Link – Overtime Hours	UC-3PN-CDNCS29-DMCFAH	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,		\$1,500.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing and labeling.							



9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	UC-3PN-CDNCS29-DMCFAH	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,		\$1,500.00	N/A	Installation	No	No	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
			testing and labeling.							

### 29.3.3 Services Related Hourly Support

**Contractor’s Description of Service:**

NWN provides hourly labor for the diagnosis and/or repair of services listed in this Contract that are outside of the service provider responsibilities.

**Geographic Availability:** Statewide

State Associated Administrative Fee Charge - Services identified below with “Yes” in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer’s invoice.

**Table 29.3.3 –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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Field Service Repair Technician Regular Hours	UC-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.		\$130.00	N/A	Hour	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Field Service Repair Technician Overtime Hours	UC-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.		\$195.00	N/A	Hour	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
3	Field Service Repair Technician Sunday and Holiday Hours	UC-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.		\$195.00	N/A	Hour	Yes	No	Required

### 29.3.4 Migration Professional Services

**Contractor’s Description of Service:**

NWN provides Professional Services that support the migration of Customer telephone services. This service is limited to efforts related to the migration from one CALNET service to another CALNET service. Some examples are assistance with Customer telephone data, number porting, site surveys, site audits, inventory and record management.

**Geographic Availability:** Statewide

State Associated Administrative Fee Charge - Services identified below with “Yes” in the SAAF Applied column will have a 2.5% fee applied to the Monthly Recurring Charge or usage. Charges below do not include the SAAF. The SAAF will appear as a separate line on the customer’s invoice.

**Table 29.3.4.a – Migration Professional 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Migration Technical Services Support I - Standard Regular Hours	UC-PRO-ASE-S	Technical Services Support I for Central Office Exchange Migration only – Regular Hours		\$130.00	N/A	Hour	Yes	No	Required
2	Migration Technical Services Support I - Overtime Hours	UC-PRO-ASE-AH	Technical Services Support I for Central Office Exchange Migration only - Overtime Hours		\$195.00	N/A	Hour	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
3	Migration Technical Services Support I – Sunday and Holiday Hours	UC-PRO-ASE-AH	Technical Services Support I for Central Office Exchange Migration only – Sunday and Holiday Hours		\$195.00	N/A	Hour	Yes	No	Required
4	Migration Technical Services Support II - Regular Hours	UC-PRO-SE-S	Technical Services Support II for Central Office Exchange Migration only – Regular Hours		\$160.00	N/A	Hour	Yes	No	Required
5	Migration Technical Services Support II - Overtime Hours	UC-PRO-SE-AH	Technical Services Support II for Central Office Exchange Migration only – Overtime Hours		\$240.00	N/A	Hour	Yes	No	Required
6	Migration Technical Services Support II – Sunday and Holiday Hours	UC-PRO-SE-AH	Technical Services Support II for Central Office Exchange Migration only – Sunday and Holiday Hours		\$240.00	N/A	Hour	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
7	Migration Network Engineer – Regular Hours	ATS-PRO-SE-S	Network Engineer for Central Office Exchange Migration only – Regular Hours		\$160.00	N/A	Hour	Yes	No	Required
8	Migration Network Engineer – Overtime Hours	ATS-PRO-SE-AH	Network Engineer for Central Office Exchange Migration only – Overtime Hours		\$240.00	N/A	Hour	Yes	No	Required
9	Migration Network Engineer – Sunday and Holiday Hours	ATS-PRO-SE-AH	Network Engineer for Central Office Exchange Migration only – Sunday and Holiday Hours		\$240.00	N/A	Hour	Yes	No	Required
10	Migration Professional Services - Senior Engineer – Regular Hours	UC-PRO-SE-S	Professional Services - Senior Engineer for Central Office Exchange Migration only – Regular Hours		\$160.00	N/A	Hour	Yes	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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
11	Migration Professional Services Principal Architect I – Regular Hours	UC-PRO-SRSE-S	Professional Services Principle Architect I for Central Office Exchange Migration only – Regular Hours		\$230.00	N/A	Hour	Yes	No	Required
12	Migration Professional Services - Principal Architect II – Regular Hours	UC-PRO-CON-S	Professional Services - Principal Architect II for Central Office Exchange Migration only – Regular Hours		\$270.00	N/A	Hour	Yes	No	Required