

IFB C4DNCS19
Data Networks and Communications Services

CATEGORY 24 – FLAT RATE INTERNET SERVICES

Comcast Business Communications, LLC

CATALOG B

December 5th, 2022

Issued by:

STATE OF CALIFORNIA

California Department of Technology Statewide
Procurement

PO Box 1810

Rancho Cordova, CA 95741

TABLE OF CONTENTS

24.2.5.1.B – INTERNET FLAT RATE SERVICE (INFRA) 3
 Table 24.2.5.1.b – Internet Flat Rate Service (InFRa) 4

24.2.5.2 INTERNET FLAT RATE WITH MANAGED ROUTER SERVICE
(INFRAM)..... 30
 Table 24.2.5.2.a – Internet Flat Rate with Managed Router Service 31

24.2.7 ADDITIONAL INTERNET SERVICES..... 39
 Table 24.2.7 – Additional Internet Services 39

24.4.4 DDOS DETECTION AND MITIGATION SERVICE..... 40
 Table 24.4.4.a – DDoS Detection and Mitigation Service 42

24.5.2.1 EXTENDED DEMARCATION WIRING SERVICES..... 46
 Table 24.5.2.1 – Extended Demarcation Wiring Services 47

24.5.3 SERVICES RELATED HOURLY SUPPORT 54
 Table 24.5.3 – Services Related Hourly Support..... 55

CATEGORY 24 – Flat Rate Internet Services

24.2.5.1.b – Internet Flat Rate Service (InFRa)

Contractor’s Description of Service:

Comcast’s Ethernet Dedicated Internet (EDI) Service provides a reliable, flexible, and higher bandwidth options than T1 or SONET-based dedicated Internet access services. The service provides an Ethernet Virtual Connection (EVC) from the customer premises location to a Comcast Internet Point of Presence (POP) router. The service provides bidirectional, full duplex transmission of Ethernet frames using a standard IEEE 802.3 Ethernet interface.

Geographic Availability:

Adelanto	Burlingame	Davis	Grass Valley	Lake Elsinore	Monrovia	Pasadena	San Diego	Sonora	Willows
Agoura Hills	Calabasas	Del Mar	Gridley	Lake Forest	Montclair	Patterson	San Dimas	South El Monte	Windsor
Alameda	Calexico	Del Rey Oaks	Gustine	Lakewood	Monte Sereno	Perris	San Fernando	South Gate	Woodland
Albany	Calimesa	Desert Hot Springs	Half Moon Bay	Lancaster	Montebello	Petaluma	San Francisco	South Pasadena	Woodside
Alhambra	Camarillo	Diamond Bar	Hanford	Larkspur	Monterey	Pico Rivera	San Gabriel	South San Francisco	Yorba Linda
Aliso Viejo	Campbell	Dinuba	Hawaiian Gardens	Lathrop	Monterey Park	Piedmont	San Jacinto	Stanton	Yountville
Amador	Capitola	Dos Palos	Hawthorne	Lawndale	Moorpark	Pinole	San Jose	Stockton	Yuba City
American Canyon	Carlsbad	Downey	Hayward	Lemon Grove	Moraga	Pittsburg	San Juan Capistrano	Suisun City	Yucaipa
Anaheim	Carson	Duarte	Healdsburg	Lemoore	Moreno Valley	Placentia	San Leandro	Sunnyvale	Yucca Valley
Angels Camp	Cathedral City	Dublin	Hemet	Lincoln	Morgan Hill	Placerville	San Marcos	Temecula	
Antioch	Ceres	East Palo Alto	Hercules	Live Oak	Mountain View	Pleasant Hill	San Mateo	Thousand Oaks	
Apple Valley	Cerritos	El Cajon	Hermosa Beach	Livermore	Murrieta	Pleasanton	San Pablo	Tiburon	
Arcadia	Chico	El Centro	Hesperia	Lodi	Napa	Plymouth	San Rafael	Torrance	
Artesia	Chino	El Cerrito	Highland	Loma Linda	National City	Pomona	San Ramon	Tracy	
Atherton	Chino Hills	El Monte	Hillsborough	Lomita	Newark	Port Hueneme	Sand City	Tulare	
Atwater	Chowchilla	El Segundo	Hughson	Lompoc	Newman	Portola Valley	Sanger	Turlock	
Auburn	Chula Vista	Elk Grove	Huntington Beach	Long Beach	Newport Beach	Poway	Santa Ana	Tustin	
Azusa	Claremont	Emeryville	Huntington Park	Los Alamitos	Norco	Rancho Valley	Santa Barbara	Ukiah	
Baldwin Park	Clayton	Encinitas	Huron	Los Altos	Norwalk	Rancho Cucamonga	Santa Clara	Union City	
Banning	Cloverdale	Escalon	Imperial Beach	Los Altos Hills	Novato	Rancho Mirage	Santa Clarita	Upland	
Barstow	Coachella	Escondido	Indian Wells	Los Angeles	Oakdale	Rancho Palos	Santa Cruz	Vacaville	
Beaumont	Coalinga	Fairfax	Indio	Los Banos	Oakland	Rancho Santa	Santa Fe Springs	Vallejo	
Bell	Colma	Fairfield	Inglewood	Los Gatos	Oakley	Redlands	Santa Maria	Vernon	
Bellflower	Colton	Firebaugh	Irvine	Lynwood	Oceanside	Redondo Beach	Santa Monica	Victorville	
Belmont	Colusa	Folsom	Isleton	Madera	Ojai	Redwood City	Santa Paula	Villa Park	
Belvedere	Compton	Fontana	Jackson	Malibu	Ontario	Reedley	Santa Rosa	Visalia	
Benicia	Concord	Fort Bragg	Kerman	Manhattan	Orange	Rialto	Santee	Vista	
Berkeley	Corcoran	Foster City	Kingsburg	Manteca	Orinda	Richmond	Saratoga	Walnut	

Beverly Hills	Corning	Fountain Valley	La Habra	Marina	Orland	Rio Vista	Sausalito	Walnut Creek	
Big Bear Lake	Corona	Fowler	La Mesa	Martinez	Oroville	Riverbank	Scotts Valley	Waterford	
Biggs	Coronado	Fremont	La Mirada	Marysville	Oxnard	Riverside	Seal Beach	Watsonville	
Bishop	Costa Mesa	Fresno	La Palma	Maywood	Pacific Grove	Rohnert Park	Seaside	West Covina	
Blue Lake	Cotati	Fullerton	La Puente	Mendota	Pacifica	Roseville	Sebastopol	West Hollywood	
Blythe	Covina	Galt	La Quinta	Menlo Park	Palm Desert	Ross	Selma	West Sacramento	
Brea	Culver City	Garden Grove	La Verne	Merced	Palm Springs	Sacramento	Sierra Madre	Westlake Village	
Brentwood	Cupertino	Gardena	Lafayette	Mill Valley	Palmdale	Salinas	Signal Hill	Westminster	
Brisbane	Cypress	Glendale	Laguna Beach	Millbrae	Palo Alto	San Bernardino	Simi Valley	Wheatland	
Buellton	Daly City	Glendora	Laguna Hills	Milpitas	Paradise	San Anselmo	Solana Beach	Whittier	
Buena Park	Dana Point	Goleta	Laguna Niguel	Mission Viejo	Paramount	San Carlos	Solvang	Williams	
Burbank	Danville	Grand Terrace	Laguna Woods	Modesto	Parlier	San Clemente	Sonoma	Willits	

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 24.2.5.1.b – Internet Flat Rate Service (InFRa)

#	Feature Name	Contractor's 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	InFRa @ 1.544 Mbps	EDI100B01P5	Internet Flat Rate Service (InFRa) at 1.544 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:1.544 Mbps Product Description: Internet Flat Rate Service (InFRa) at 1.544 Mbps.	\$0.00	\$125.61	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRa @ 5 Mbps	EDI100B0005	Internet Flat Rate Service (InFRa) at 5 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:5 Mbps Product Description: Internet Flat Rate Service (InFRa) at 5 Mbps.	\$0.00	\$286.60	Each	Yes	Yes	Required
3	InFRa @ 10 Mbps	EDI100B0010	Internet Flat Rate Service (InFRa) at 10 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:10 Mbps Product Description: Internet Flat Rate Service (InFRa) at 10 Mbps.	\$0.00	\$857.36	Each	Yes	Yes	Required
4	InFRa @ 15 Mbps	EDI100B0015	Internet Flat Rate Service (InFRa) at 15 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:15 Mbps	\$0.00	\$858.22	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Product Description: Internet Flat Rate Service (InFRa) at 15 Mbps.						
5	InFRa @ 20 Mbps	EDI100B0020	Internet Flat Rate Service (InFRa) at 20 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:20 Mbps Product Description: Internet Flat Rate Service (InFRa) at 20 Mbps.	\$0.00	\$859.08	Each	Yes	Yes	Required
6	InFRa @ 25 Mbps	EDI100B0025	Internet Flat Rate Service (InFRa) at 25 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:25 Mbps Product Description: Internet Flat Rate Service (InFRa) at 25 Mbps.	\$0.00	\$859.93	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRa @ 30 Mbps	EDI100B0030	Internet Flat Rate Service (InFRa) at 30 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:30 Mbps Product Description: Internet Flat Rate Service (InFRa) at 30 Mbps.	\$0.00	\$860.79	Each	Yes	Yes	Required
8	InFRa @ 35 Mbps	EDI100B0035	Internet Flat Rate Service (InFRa) at 35 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:35 Mbps Product Description: Internet Flat Rate Service (InFRa) at 35 Mbps.	\$0.00	\$861.66	Each	Yes	Yes	Required
9	InFRa @ 40 Mbps	EDI100B0040	Internet Flat Rate Service (InFRa) at 40 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:40 Mbps	\$0.00	\$862.52	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Product Description: Internet Flat Rate Service (InFRa) at 40 Mbps.						
10	InFRa @ 45 Mbps	EDI100B0045	Internet Flat Rate Service (InFRa) at 45 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:45 Mbps Product Description: Internet Flat Rate Service (InFRa) at 45 Mbps.	\$0.00	\$863.38	Each	Yes	Yes	Required
11	InFRa @ 50 Mbps	EDIEVC0050	Internet Flat Rate Service (InFRa) at 50 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:50 Mbps Product Description: Internet Flat Rate Service (InFRa) at 50 Mbps.	\$0.00	\$864.24	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRa @ 55 Mbps	EDIEVC0055	Internet Flat Rate Service (InFRa) at 55 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:55 Mbps Product Description: Internet Flat Rate Service (InFRa) at 55 Mbps.	\$0.00	\$867.35	Each	Yes	Yes	Required
13	InFRa @ 60 Mbps	EDI100B0060	Internet Flat Rate Service (InFRa) at 60 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:60 Mbps Product Description: Internet Flat Rate Service (InFRa) at 60 Mbps.	\$0.00	\$903.98	Each	Yes	Yes	Required
14	InFRa @ 100 Mbps	EDIEVC0100	Internet Flat Rate Service (InFRa) at 100 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type:10/100 Ethernet or 1 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:100 Mbps	\$0.00	\$1,071.76	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Product Description: Internet Flat Rate Service (InFRa) at 100 Mbps.						
15	InFRa @ 150 Mbps	EDIGIGB0150	Internet Flat Rate Service (InFRa) at 150 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 1 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:150 Mbps Product Description: Internet Flat Rate Service (InFRa) at 150 Mbps.	\$0.00	\$1,514.66	Each	Yes	Yes	Required
16	InFRa @ 200 Mbps	EDIEVC0200	Internet Flat Rate Service (InFRa) at 200 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 1 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:200 Mbps Product Description: Internet Flat Rate Service (InFRa) at 200 Mbps.	\$0.00	\$1,664.66	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
17	InFRa @ 500 Mbps	EDIEVC0500	Internet Flat Rate Service (InFRa) at 500 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 1 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:500 Mbps Product Description: Internet Flat Rate Service (InFRa) at 500 Mbps.	\$0.00	\$2,370.78	Each	Yes	Yes	Required
18	InFRa @ 1 Gbps	EDIEVC1000	Internet Flat Rate Service (InFRa) at 1 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 1 Gbps Ethernet or 10 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:1 Gbps Product Description: Internet Flat Rate Service (InFRa) at 1 Gbps.	\$0.00	\$2,520.15	Each	Yes	Yes	Required
19	InFRa @ 10 Gbps	EDIEVC010G	Internet Flat Rate Service (InFRa) at 10 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 10 Gbps Ethernet Network-side Interface:	\$0.00	\$10,580.93	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Protocol: Ethernet Upload Speed:10 Gbps Product Description: Internet Flat Rate Service (InFRa) at 10 Gbps.						
20	InFRa @ 622Mbps	EDIGIGB0622	Internet Flat Rate Service (InFRa) at 622 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 622 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 622 Mbps Product Description: Internet Flat Rate Service (InFRa) at 622 Mbps.	\$0.00	\$2,155.31	Each	Yes	Yes	Required
21	InFRa @ 2.45Gbps	EDI10GB2450	Internet Flat Rate Service (InFRa) at 2.45 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 2.45 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 2.45 Gbps	\$0.00	\$4,782.48	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Product Description: Internet Flat Rate Service (InFRa) at 2.45 Gbps.						
22	InFRa @ 1Mbps	EDIEVC0001	Internet Flat Rate Service (InFRa) at 1 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 1 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 1 Mbps Product Description: Internet Flat Rate Service (InFRa) at 1 Mbps.	\$0.00	\$120.61	Each	Yes	Yes	Required
23	InFRa @ 11Mbps	EDIEVC0011	Internet Flat Rate Service (InFRa) at 11 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 11 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 11 Mbps Product Description: Internet Flat Rate Service (InFRa) at 11 Mbps.	\$0.00	\$857.40	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
24	InFRa @ 13Mbps	EDIEVC0013	Internet Flat Rate Service (InFRa) at 13 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 13 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 13 Mbps Product Description: Internet Flat Rate Service (InFRa) at 13 Mbps.	\$0.00	\$857.53	Each	Yes	Yes	Required
25	InFRa @ 70Mbps	EDIEVC0070	Internet Flat Rate Service (InFRa) at 70 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 70 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 70 Mbps Product Description: Internet Flat Rate Service (InFRa) at 70 Mbps.	\$0.00	\$993.37	Each	Yes	Yes	Required
26	InFRa @ 80Mbps	EDIEVC0080	Internet Flat Rate Service (InFRa) at 80 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 80 Mbps Ethernet Network-side Interface: Protocol: Ethernet	\$0.00	\$1,018.84	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Upload Speed: 80 Mbps Product Description: Internet Flat Rate Service (InFRa) at 80 Mbps.						
27	InFRa @ 90Mbps	EDIEVC0090	Internet Flat Rate Service (InFRa) at 90 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 90 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 90 Mbps Product Description: Internet Flat Rate Service (InFRa) at 90 Mbps.	\$0.00	\$1,044.97	Each	Yes	Yes	Required
28	InFRa @ 300Mbps	EDIEVC0300	Internet Flat Rate Service (InFRa) at 300 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 300 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 300 Mbps Product Description: Internet Flat Rate Service (InFRa) at 300 Mbps.	\$0.00	\$1,852.54	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
29	InFRa @ 400Mbps	EDIEVC0400	Internet Flat Rate Service (InFRa) at 400 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 400 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 400 Mbps Product Description: Internet Flat Rate Service (InFRa) at 400 Mbps.	\$0.00	\$1,950.04	Each	Yes	Yes	Required
30	InFRa @ 600Mbps	EDIEVC0600	Internet Flat Rate Service (InFRa) at 600 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 600 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 600 Mbps Product Description: Internet Flat Rate Service (InFRa) at 600 Mbps.	\$0.00	\$2,052.68	Each	Yes	Yes	Required
31	InFRa @ 700Mbps	EDIEVC0700	Internet Flat Rate Service (InFRa) at 700 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 700 Mbps Ethernet Network-side Interface: Protocol: Ethernet	\$0.00	\$2,160.71	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Upload Speed: 700 Mbps Product Description: Internet Flat Rate Service (InFRa) at 700 Mbps.						
32	InFRa @ 800Mbps	EDIEVC0800	Internet Flat Rate Service (InFRa) at 800 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 800 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 800 Mbps Product Description: Internet Flat Rate Service (InFRa) at 800 Mbps.	\$0.00	\$2,274.44	Each	Yes	Yes	Required
33	InFRa @ 900Mbps	EDIEVC0900	Internet Flat Rate Service (InFRa) at 900 Mbps. Includes dedicated Internet port and transport.	Interface/Access Type: 900 Mbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed: 900 Mbps Product Description: Internet Flat Rate Service (InFRa) at 900 Mbps.	\$0.00	\$2,394.14	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
34	InFRa @ 2Gbps	EDIEVC2000	Internet Flat Rate Service (InFRa) at 2 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 2 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:2 Gbps Product Description: Internet Flat Rate Service (InFRa) at 2 Gbps.	\$0.00	\$4,554.74	Each	Yes	Yes	Required
35	InFRa @ 3Gbps	EDIEVC3000	Internet Flat Rate Service (InFRa) at 3 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 3 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:3 Gbps Product Description: Internet Flat Rate Service (InFRa) at 3 Gbps.	\$0.00	\$5,060.83	Each	Yes	Yes	Required
36	InFRa @ 4Gbps	EDIEVC4000	Internet Flat Rate Service (InFRa) at 4 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 4 Gbps Ethernet Network-side Interface: Protocol: Ethernet	\$0.00	\$5,623.14	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Upload Speed:4 Gbps Product Description: Internet Flat Rate Service (InFRa) at 4 Gbps.						
37	InFRa @ 5Gbps	EDIEVC5000	Internet Flat Rate Service (InFRa) at 5 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 5 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:5 Gbps Product Description: Internet Flat Rate Service (InFRa) at 5 Gbps.	\$0.00	\$6,247.93	Each	Yes	Yes	Required
38	InFRa @ 6Gbps	EDIEVC6000	Internet Flat Rate Service (InFRa) at 6 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 6 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:6 Gbps Product Description: Internet Flat Rate Service (InFRa) at 6 Gbps.	\$0.00	\$6,942.15	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
39	InFRa @ 7Gbps	EDIEVC7000	Internet Flat Rate Service (InFRa) at 7 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 7 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:7 Gbps Product Description: Internet Flat Rate Service (InFRa) at 7 Gbps.	\$0.00	\$7,713.50	Each	Yes	Yes	Required
40	InFRa @ 8Gbps	EDIEVC8000	Internet Flat Rate Service (InFRa) at 8 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 8 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:8 Gbps Product Description: Internet Flat Rate Service (InFRa) at 8 Gbps.	\$0.00	\$8,570.55	Each	Yes	Yes	Required
41	InFRa @ 9Gbps	EDIEVC9000	Internet Flat Rate Service (InFRa) at 9 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 9 Gbps Ethernet Network-side Interface: Protocol: Ethernet	\$0.00	\$9,522.84	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Upload Speed:9 Gbps Product Description: Internet Flat Rate Service (InFRa) at 9 Gbps.						
42	InFRa @ 20Gbps	EDIEVC020G	Internet Flat Rate Service (InFRa) at 20 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 20 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:20 Gbps Product Description: Internet Flat Rate Service (InFRa) at 20 Gbps.	\$0.00	\$39,987.93	Each	Yes	Yes	Required
43	InFRa @ 30Gbps	EDIEVC030G	Internet Flat Rate Service (InFRa) at 30 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 30 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:30 Gbps Product Description: Internet Flat Rate Service (InFRa) at 30 Gbps.	\$0.00	\$51,226.47	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
44	InFRa @ 40Gbps	EDIEVC040G	Internet Flat Rate Service (InFRa) at 40 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 40 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:40 Gbps Product Description: Internet Flat Rate Service (InFRa) at 40 Gbps.	\$0.00	\$59,966.15	Each	Yes	Yes	Required
45	InFRa @ 50Gbps	EDIEVC050G	Internet Flat Rate Service (InFRa) at 50 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 50 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:50 Gbps Product Description: Internet Flat Rate Service (InFRa) at 50 Gbps.	\$0.00	\$69,985.91	Each	Yes	Yes	Required
46	InFRa @ 60Gbps	EDIEVC060G	Internet Flat Rate Service (InFRa) at 60 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 60 Gbps Ethernet Network-side Interface: Protocol: Ethernet	\$0.00	\$79,975.01	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				Upload Speed:60 Gbps Product Description: Internet Flat Rate Service (InFRa) at 60 Gbps.						
47	InFRa @ 70Gbps	EDIEVC070G	Internet Flat Rate Service (InFRa) at 70 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 70 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:70 Gbps Product Description: Internet Flat Rate Service (InFRa) at 70 Gbps.	\$0.00	\$89,964.13	Each	Yes	Yes	Required
48	InFRa @ 80Gbps	EDIEVC080G	Internet Flat Rate Service (InFRa) at 80 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 80 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:80 Gbps Product Description: Internet Flat Rate Service (InFRa) at 80 Gbps.	\$0.00	\$99,983.87	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
49	InFRa @ 90Gbps	EDIEVC090G	Internet Flat Rate Service (InFRa) at 90 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 90 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:90 Gbps Product Description: Internet Flat Rate Service (InFRa) at 90 Gbps.	\$0.00	\$109,972.99	Each	Yes	Yes	Required
50	InFRa @ 100Gbps	EDIEVC100G	Internet Flat Rate Service (InFRa) at 100 Gbps. Includes dedicated Internet port and transport.	Interface/Access Type: 100 Gbps Ethernet Network-side Interface: Protocol: Ethernet Upload Speed:100 Gbps Product Description: Internet Flat Rate Service (InFRa) at 100 Gbps.	\$0.00	\$119,991.88	Each	Yes	Yes	Required
51	Managed Router Service - 10Mbps	MR00105	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet	None	\$210.00	\$79.95	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
			service purchased from Comcast. Supports up to 10Mbps throughput							
52	Managed Router Service - 50Mbps	MR00505	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet service purchased from Comcast. Supports up to 50Mbps throughput	None	\$210.00	\$97.38	Each	Yes	Yes	Required
53	Managed Router Service - 100Mbps	MR01005	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet service purchased from Comcast. Supports up to 100Mbps throughput	None	\$210.00	\$141.45	Each	Yes	Yes	Required
54	Managed Router Service - 300Mbps	MR03005	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet	None	\$210.00	\$216.28	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
			service purchased from Comcast. Supports up to 300Mbps throughput							
55	Managed Router Service - 500Mbps	MR05005	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet service purchased from Comcast. Supports up to 500Mbps throughput	None	\$210.00	\$387.45	Each	Yes	Yes	Required
56	Managed Router Service - GigE	MR10005	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet service purchased from Comcast. Supports up to GigE throughput	None	\$210.00	\$436.65	Each	Yes	Yes	Required
57	Managed Router Service - 10 GigE	MR010G5	Router upgrade option for InFRa (24.2.5.1) services. Cisco, Juniper, or equivalent for managed internet	None	\$210.00	\$894.83	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
			service purchased from Comcast. Supports up to 10GigE throughput							
58	1 Static IP Address	IPv40001	1 Static/statically assigned IP address	None	\$0.00	\$19.94	Each	Yes	Yes	Required
59	5 Static IP Addresses	IPv40005	5 Static/statically assigned IP address	None	\$0.00	\$24.93	Each	Yes	Yes	Required
60	13 Static IP Addresses	IPv40013	13 Static/statically assigned IP address	None	\$0.00	\$39.93	Each	Yes	Yes	Required
61	29 Static IP Addresses	IPv40029	29 Static/statically assigned IP address	None	\$0.00	\$49.97	Each	Yes	Yes	Required
62	61 Static IP Addresses	IPv40061	61 Static/statically assigned IP address	None	\$0.00	\$74.96	Each	Yes	Yes	Required
63	125 Static IP Addresses	IPv400125	125 Static/statically assigned IP address	None	\$0.00	\$99.94	Each	Yes	Yes	Required
64	253 Static IP Addresses	IPv400253	253 Static/statically assigned IP address	None	\$0.00	\$139.91	Each	Yes	Yes	Required
65	Managed Firewall Service - 50Mbps	MF00505	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 50Mbps throughput.	None	\$300.00	\$158.78	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
66	Managed Firewall Service - 100Mbps	MF01005	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 100Mbps throughput.	None	\$300.00	\$179.53	Each	Yes	Yes	Required
67	Managed Firewall Service - 300Mbps	MF03005	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 300Mbps throughput.	None	\$300.00	\$259.53	Each	Yes	Yes	Required
68	Managed Firewall Service - 500Mbps	MF05005	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 500Mbps throughput.	None	\$300.00	\$346.28	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	Managed Firewall Service - GigE	MF10005	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 1Gbps throughput.	None	\$300.00	\$527.53	Each	Yes	Yes	Required
70	Managed Firewall Service - 10 GigE	MF010G5	Managed Router Service –Meraki, Fortinet, or equivalent for Managed Internet Service purchased from Comcast. Supports up to 10Gbps throughput.	None	\$300.00	\$731.03	Each	Yes	Yes	Required
71	Managed Router Service - Wireless Backup	MR00LTE	LTE Wireless Backup - Immediate and seamless wireless backup that fails over to a wireless connection in the case of a wireline failure.	Can only be used with Comcast Managed Router Service	\$0.00	\$74.95	Each	Yes	Yes	Required

24.2.5.2 Internet Flat Rate with Managed Router Service (InFRaM)

Contractor's Description of Service:

Comcast's Ethernet Dedicated Internet (EDI) Service provides a reliable, flexible, and higher bandwidth options than T1 or SONET-based dedicated Internet access services. The service provides an Ethernet Virtual Connection (EVC) from the customer premises location to a Comcast Internet Point of Presence (POP) router. The service provides bidirectional, full duplex transmission of Ethernet frames using a standard IEEE 802.3 Ethernet interface. The Comcast Managed Router Service provides basic routing, QOS and network address translation.

Geographic Availability:

Adelanto	Burlingame	Davis	Grass Valley	Lake Elsinore	Monrovia	Pasadena	San Diego	Sonora	Willows
Agoura Hills	Calabasas	Del Mar	Gridley	Lake Forest	Montclair	Patterson	San Dimas	South El Monte	Windsor
Alameda	Calexico	Del Rey Oaks	Gustine	Lakewood	Monte Sereno	Perris	San Fernando	South Gate	Woodland
Albany	Calimesa	Desert Hot Springs	Half Moon Bay	Lancaster	Montebello	Petaluma	San Francisco	South Pasadena	Woodside
Alhambra	Camarillo	Diamond Bar	Hanford	Larkspur	Monterey	Pico Rivera	San Gabriel	South San Francisco	Yorba Linda
Aliso Viejo	Campbell	Dinuba	Hawaiian Gardens	Lathrop	Monterey Park	Piedmont	San Jacinto	Stanton	Yountville
Amador	Capitola	Dos Palos	Hawthorne	Lawndale	Moorpark	Pinole	San Jose	Stockton	Yuba City
American Canyon	Carlsbad	Downey	Hayward	Lemon Grove	Moraga	Pittsburg	San Juan Capistrano	Suisun City	Yucaipa
Anaheim	Carson	Duarte	Healdsburg	Lemoore	Moreno Valley	Placentia	San Leandro	Sunnyvale	Yucca Valley
Angels Camp	Cathedral City	Dublin	Hemet	Lincoln	Morgan Hill	Placerville	San Marcos	Temecula	
Antioch	Ceres	East Palo Alto	Hercules	Live Oak	Mountain View	Pleasant Hill	San Mateo	Thousand Oaks	
Apple Valley	Cerritos	El Cajon	Hermosa Beach	Livermore	Murrieta	Pleasanton	San Pablo	Tiburon	
Arcadia	Chico	El Centro	Hesperia	Lodi	Napa	Plymouth	San Rafael	Torrance	
Artesia	Chino	El Cerrito	Highland	Loma Linda	National City	Pomona	San Ramon	Tracy	
Atherton	Chino Hills	El Monte	Hillsborough	Lomita	Newark	Port Hueneme	Sand City	Tulare	
Atwater	Chowchilla	El Segundo	Hughson	Lompoc	Newman	Portola Valley	Sanger	Turlock	
Auburn	Chula Vista	Elk Grove	Huntington Beach	Long Beach	Newport Beach	Poway	Santa Ana	Tustin	
Azusa	Claremont	Emeryville	Huntington Park	Los Alamitos	Norco	Rancho Cordova	Santa Barbara	Ukiah	
Baldwin Park	Clayton	Encinitas	Huron	Los Altos	Norwalk	Rancho Cucamonga	Santa Clara	Union City	
Banning	Cloverdale	Escalon	Imperial Beach	Los Altos Hills	Novato	Rancho Mirage	Santa Clarita	Upland	
Barstow	Coachella	Escondido	Indian Wells	Los Angeles	Oakdale	Rancho Palos	Santa Cruz	Vacaville	
Beaumont	Coalinga	Fairfax	Indio	Los Banos	Oakland	Rancho Santa	Santa Fe Springs	Vallejo	
Bell	Colma	Fairfield	Inglewood	Los Gatos	Oakley	Redlands	Santa Maria	Vernon	
Bellflower	Colton	Firebaugh	Irvine	Lynwood	Oceanside	Redondo	Santa Monica	Victorville	
Belmont	Colusa	Folsom	Isleton	Madera	Ojai	Redwood City	Santa Paula	Villa Park	
Belvedere	Compton	Fontana	Jackson	Malibu	Ontario	Reedley	Santa Rosa	Visalia	
Benicia	Concord	Fort Bragg	Kerman	Manhattan	Orange	Rialto	Santee	Vista	
Berkeley	Corcoran	Foster City	Kingsburg	Manteca	Orinda	Richmond	Saratoga	Walnut	
Beverly Hills	Corning	Fountain Valley	La Habra	Marina	Orland	Rio Vista	Sausalito	Walnut Creek	
Big Bear Lake	Corona	Fowler	La Mesa	Martinez	Oroville	Riverbank	Scotts Valley	Waterford	
Biggs	Coronado	Fremont	La Mirada	Marysville	Oxnard	Riverside	Seal Beach	Watsonville	
Bishop	Costa Mesa	Fresno	La Palma	Maywood	Pacific Grove	Rohnert Park	Seaside	West Covina	

Blue Lake	Cotati	Fullerton	La Puente	Mendota	Pacifica	Roseville	Sebastopol	West Hollywood	
Blythe	Covina	Galt	La Quinta	Menlo Park	Palm Desert	Ross	Selma	West Sacramento	
Brea	Culver City	Garden Grove	La Verne	Merced	Palm Springs	Sacramento	Sierra Madre	Westlake Village	
Brentwood	Cupertino	Gardena	Lafayette	Mill Valley	Palmdale	Salinas	Signal Hill	Westminster	
Brisbane	Cypress	Glendale	Laguna Beach	Millbrae	Palo Alto	San Bernardino	Simi Valley	Wheatland	
Buellton	Daly City	Glendora	Laguna Hills	Milpitas	Paradise	San Anselmo	Solana Beach	Whittier	
Buena Park	Dana Point	Goleta	Laguna Niguel	Mission Viejo	Paramount	San Carlos	Solvang	Williams	
Burbank	Danville	Grand Terrace	Laguna Woods	Modesto	Parlier	San Clemente	Sonoma	Willits	

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 24.2.5.2.a – Internet Flat Rate with Managed Router 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	InFRaM @ 1.544 Mbps	NSX0701	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1.544 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 1.544 Mbps	\$110.00	\$205.56	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRaM @ 5 Mbps	NSX0706	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 5 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 5 Mbps	\$110.00	\$366.55	Each	Yes	Yes	Required
3	InFRaM @ 10 Mbps	NSX0712	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 10 Mbps	\$110.00	\$937.31	Each	Yes	Yes	Required
4	InFRaM @ 15 Mbps	NSX0715	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 15 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 15 Mbps	\$110.00	\$955.60	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRaM @ 20 Mbps	NSX0716	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 20 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 20 Mbps	\$110.00	\$956.46	Each	Yes	Yes	Required
6	InFRaM @ 25 Mbps	NSX0717	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 25 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 25 Mbps	\$110.00	\$957.31	Each	Yes	Yes	Required
7	InFRaM @ 30 Mbps	NSX0718	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 30 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 30 Mbps	\$110.00	\$958.17	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
8	InFRaM @ 35 Mbps	NSX0719	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 35 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 35 Mbps	\$110.00	\$959.04	Each	Yes	Yes	Required
9	InFRaM @ 40 Mbps	NSX0720	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 40 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 40 Mbps	\$110.00	\$959.90	Each	Yes	Yes	Required
10	InFRaM @ 45 Mbps	NSX0721	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 45 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 45 Mbps	\$110.00	\$960.76	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	InFRaM @ 50 Mbps	NSX0747	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 50 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 50 Mbps	\$110.00	\$961.62	Each	Yes	Yes	Required
12	InFRaM @ 55 Mbps	NSX0748	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 55 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 55 Mbps	\$110.00	\$1,008.80	Each	Yes	Yes	Required
13	InFRaM @ 60 Mbps	NSX0722	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 60 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 60 Mbps	\$110.00	\$1,045.43	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
14	InFRaM @ 100 Mbps	NSX0749	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 100 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 100 Mbps	\$110.00	\$1,213.21	Each	Yes	Yes	Required
15	InFRaM @ 150 Mbps	NSX0750	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 150 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 150 Mbps	\$110.00	\$1,730.94	Each	Yes	Yes	Required
16	InFRaM @ 200 Mbps	NSX0751	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 200 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 200 Mbps	\$110.00	\$1,880.94	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
17	InFRaM @ 500 Mbps	NSX0752	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 500 Mbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 500 Mbps	\$110.00	\$2,807.43	Each	Yes	Yes	Required
18	InFRaM @ 1 Gbps	NSX0753	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 1 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 1 Gbps	\$110.00	\$2,956.80	Each	Yes	Yes	Required
19	InFRaM @ 10 Gbps	NSX0754	Internet Flat Rate Service with Managed IP Enabled Routing Device (InFRaM) at 10 Gbps. Includes dedicated Internet port, transport, and a Contractor owned, maintained and managed IP enabled routing device.	Interface/Access Type: Ethernet Network-side Interface: Ethernet Protocol: Internet (IP) Upload Speed: 10 Gbps	\$110.00	\$11,475.76	Each	Yes	Yes	Required

24.2.7 Additional Internet Services

Contractor's Description of Service:

[Type Description Here]

Geographic Availability:

[Type Description Here]

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 24.2.7 – Additional Internet 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

24.4.4 DDoS Detection and Mitigation Service

Contractor's Description of Service:

Comcast Business DDoS Mitigation Service: Service enhancement to Comcast Managed Internet Service.

- A subscription-based offering that proactively detects DDoS attack traffic, alerts customers when an attack is under way, and initiates a mitigation to help thwart the attacks.
- Provides customers with proactive detection, alert notifications, and mitigation of attack traffic from both Distributed Denial of Service (DDoS) Attacks - synchronized volumetric attacks on network infrastructures (e.g., UDP Flood, etc.) from distributed sources (e.g., Bots), and Application-Layer attacks - relatively low volume application-layer with stealthy attack vectors (e.g., DNS Flood and malformed HTTP etc.) that exploit vulnerabilities, scale and functionality of applications.
- The Comcast Security Operations team can work closely with your business to provide service based on your needs and network information — preconfiguring countermeasure options and running acceptance tests for effective mitigation before service activation.
- Monitoring network traffic for a specified set of IP addresses that need threat management and, when a DDoS attack is detected, receive alerts via email and phone. During mitigation, this service diverts traffic directed at the servers, including DDoS attack traffic to cloud-based scrubbing centers distributed across the U.S. The resulting clean and legitimate traffic is simultaneously forwarded to the network and servers through tunneling. This service operates 24x7x365 and helps provide businesses with continued uptime while under a DDoS attack.

Single Incident Service Option: Includes one (1) protection incident per month. A protection incident is a 24-hour time window during which Comcast provides customer with protection against these attacks including mitigation as needed.

Unlimited Service Option: An unlimited number of mitigations in a monthly billing cycle. No incremental mitigation incident fees will be charged with this option. A protection incident is a 24-hour time window during which Comcast provides customer with protection against these attacks including mitigation as needed.

Unlimited Service Option with Automatic Mitigation: With Automatic mitigation, no customer intervention is required. This service automatically initiates mitigation when DDoS attack traffic levels exceed pre-set thresholds of high severity rates and duration. When DDoS attack traffic drops below the thresholds, mitigation terminates automatically. After mitigation is terminated, all traffic is directed back to the Internet connections via normal paths.

Geographic Availability:

Adelanto	Burlingame	Davis	Grass Valley	Lake Elsinore	Monrovia	Pasadena	San Diego	Sonora	Willows
Agoura Hills	Calabasas	Del Mar	Gridley	Lake Forest	Montclair	Patterson	San Dimas	South El Monte	Windsor
Alameda	Calexico	Del Rey Oaks	Gustine	Lakewood	Monte Sereno	Perris	San Fernando	South Gate	Woodland
Albany	Calimesa	Desert Hot Springs	Half Moon Bay	Lancaster	Montebello	Petaluma	San Francisco	South Pasadena	Woodside
Alhambra	Camarillo	Diamond Bar	Hanford	Larkspur	Monterey	Pico Rivera	San Gabriel	South San Francisco	Yorba Linda

Aliso Viejo	Campbell	Dinuba	Hawaiian Gardens	Lathrop	Monterey Park	Piedmont	San Jacinto	Stanton	Yountville
Amador	Capitola	Dos Palos	Hawthorne	Lawndale	Moorpark	Pinole	San Jose	Stockton	Yuba City
American Canyon	Carlsbad	Downey	Hayward	Lemon Grove	Moraga	Pittsburg	San Juan Capistrano	Suisun City	Yucaipa
Anaheim	Carson	Duarte	Healdsburg	Lemoore	Moreno Valley	Placentia	San Leandro	Sunnyvale	Yucca Valley
Angels Camp	Cathedral City	Dublin	Hemet	Lincoln	Morgan Hill	Placerville	San Marcos	Temecula	
Antioch	Ceres	East Palo Alto	Hercules	Live Oak	Mountain View	Pleasant Hill	San Mateo	Thousand Oaks	
Apple Valley	Cerritos	El Cajon	Hermosa Beach	Livermore	Murrieta	Pleasanton	San Pablo	Tiburon	
Arcadia	Chico	El Centro	Hesperia	Lodi	Napa	Plymouth	San Rafael	Torrance	
Artesia	Chino	El Cerrito	Highland	Loma Linda	National City	Pomona	San Ramon	Tracy	
Atherton	Chino Hills	El Monte	Hillsborough	Lomita	Newark	Port Hueneme	Sand City	Tulare	
Atwater	Chowchilla	El Segundo	Hughson	Lompoc	Newman	Portola Valley	Sanger	Turlock	
Auburn	Chula Vista	Elk Grove	Huntington Beach	Long Beach	Newport Beach	Poway	Santa Ana	Tustin	
Azusa	Claremont	Emeryville	Huntington Park	Los Alamitos	Norco	Rancho Cordova	Santa Barbara	Ukiah	
Baldwin Park	Clayton	Encinitas	Huron	Los Altos	Norwalk	Rancho Cucamonga	Santa Clara	Union City	
Banning	Cloverdale	Escalon	Imperial Beach	Los Altos Hills	Novato	Rancho Mirage	Santa Clarita	Upland	
Barstow	Coachella	Escondido	Indian Wells	Los Angeles	Oakdale	Rancho Palos	Santa Cruz	Vacaville	
Beaumont	Coalinga	Fairfax	Indio	Los Banos	Oakland	Rancho Santa	Santa Fe Springs	Vallejo	
Bell	Colma	Fairfield	Inglewood	Los Gatos	Oakley	Redlands	Santa Maria	Vernon	
Bellflower	Colton	Firebaugh	Irvine	Lynwood	Oceanside	Redondo Beach	Santa Monica	Victorville	
Belmont	Colusa	Folsom	Isleton	Madera	Ojai	Redwood City	Santa Paula	Villa Park	
Belvedere	Compton	Fontana	Jackson	Malibu	Ontario	Reedley	Santa Rosa	Visalia	
Benicia	Concord	Fort Bragg	Kerman	Manhattan	Orange	Rialto	Santee	Vista	
Berkeley	Corcoran	Foster City	Kingsburg	Manteca	Orinda	Richmond	Saratoga	Walnut	
Beverly Hills	Corning	Fountain Valley	La Habra	Marina	Orland	Rio Vista	Sausalito	Walnut Creek	
Big Bear Lake	Corona	Fowler	La Mesa	Martinez	Oroville	Riverbank	Scotts Valley	Waterford	
Biggs	Coronado	Fremont	La Mirada	Marysville	Oxnard	Riverside	Seal Beach	Watsonville	
Bishop	Costa Mesa	Fresno	La Palma	Maywood	Pacific Grove	Rohnert Park	Seaside	West Covina	
Blue Lake	Cotati	Fullerton	La Puente	Mendota	Pacifica	Roseville	Sebastopol	West Hollywood	
Blythe	Covina	Galt	La Quinta	Menlo Park	Palm Desert	Ross	Selma	West Sacramento	
Brea	Culver City	Garden Grove	La Verne	Merced	Palm Springs	Sacramento	Sierra Madre	Westlake Village	
Brentwood	Cupertino	Gardena	Lafayette	Mill Valley	Palmdale	Salinas	Signal Hill	Westminster	
Brisbane	Cypress	Glendale	Laguna Beach	Millbrae	Palo Alto	San Bernardino	Simi Valley	Wheatland	
Buellton	Daly City	Glendora	Laguna Hills	Milpitas	Paradise	San Anselmo	Solana Beach	Whittier	
Buena Park	Dana Point	Goleta	Laguna Niguel	Mission Viejo	Paramount	San Carlos	Solvang	Williams	
Burbank	Danville	Grand Terrace	Laguna Woods	Modesto	Parlier	San Clemente	Sonoma	Willits	

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 24.4.4.a – DDoS Detection and Mitigation 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	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	DDoS Mitigation 1.544–10 Mbps	NSX0755	DDoS Mitigation Services for 1.544–10 Mbps of traffic flow.	DDoS Mitigation Services for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 1Mbps < BW <10Mbps	\$750.00	\$674.39	Each	Yes	Yes	Required
2	DDoS Mitigation 15 Mbps	NSX0756	DDoS Mitigation Services for 15 Mbps of traffic flow.	DDoS Mitigation Services for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 1Mbps < BW <15Mbps	\$750.00	\$674.39	Each	Yes	Yes	Required
3	DDoS Mitigation 25 Mbps	NSX0757	DDoS Mitigation Services for 25 Mbps of traffic flow.	DDoS Mitigation Services for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 1Mbps < BW <25Mbps	\$750.00	\$674.39	Each	Yes	Yes	Required
4	DDoS Mitigation 50 Mbps	TMU0050	DDoS Mitigation Services for 50 Mbps of traffic flow.	DDoS Mitigation Services for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 1Mbps < BW <50Mbps	\$750.00	\$674.39	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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	DDoS Mitigation 100 Mbps	TMU0100	DDoS Mitigation Services for 100 Mbps of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 50Mbps < BW ≤ 100Mbps	\$750.00	\$898.96	Each	Yes	Yes	Required
6	DDoS Mitigation 250 Mbps	TMU0250	DDoS Mitigation Services for 250 Mbps of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 100Mbps < BW ≤ 250Mbps	\$750.00	\$1,123.87	Each	Yes	Yes	Required
7	DDoS Mitigation 500 Mbps	TMU0500	DDoS Mitigation Services for 500 Mbps of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet service purchased from Comcast – Unlimited, where Bandwidth (BW) is 100Mbps < BW ≤ 500Mbps	\$750.00	\$1,123.87	Each	Yes	Yes	Required
8	DDoS Mitigation 1 Gbps	TMU1000	DDoS Mitigation Services for 1 Gbps of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet service purchased from Comcast– Unlimited, where Bandwidth (BW) is 500Mbps < BW ≤ 1000Mbps	\$750.00	\$1,172.50	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
9	DDoS Mitigation 5 Gbps	TMU5000	DDoS Mitigation Services for 5 Gbps of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet service purchased from Comcast– Unlimited, where Bandwidth (BW) is $1000\text{Mbps} < \text{BW} \leq 5000\text{Mbps}$	\$750.00	\$1,483.38	Each	Yes	Yes	Required
10	DDoS Mitigation 10 Gbps Plus	TMU010G	DDoS Mitigation Services for 10 Gbps Plus of traffic flow.	DDoS Mitigation Service for Managed Internet Service but not Broadband Internet Service purchased from Comcast – Unlimited, where Bandwidth (BW) is $5000\text{Mbps} < \text{BW} \leq 100000\text{Mbps}$	\$750.00	\$2817.62	Each	Yes	Yes	Required
11	DDoS Multi-Carrier Mitigation	TMU002	DDoS Multi-Carrier Mitigation Services for BW 1 Mbps to $\text{BW} \leq 100000$ Mbps.	DDoS Mitigation Services for Managed Internet Service but not Broadband Internet Service purchased from non-Comcast carriers – Unlimited, where Bandwidth (BW) is $1 \text{ Mbps} < \text{BW} \leq 100000$ Mbps. This service must be ordered in conjunction with one of the DDoS Mitigation service options in table 24.4.4.a, or table 24.4.4.b to enable the ability for Comcast to	\$500.00	\$500.00	Each	Yes	Yes	Required

#	Feature Name	Contractor's 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
				provide DDoS mitigation for other carrier circuits.						

24.5.2.1 Extended Demarcation Wiring Services

Contractor's Description of Service:

Extended Demarcation wiring includes all necessary hardware and all necessary labor required to complete the provisioning of service including installation, testing, trouble shooting, labeling and documentation. Extended Demarcation wiring includes wiring and cable related activities required to extend the service demarcation point to the Customer defined termination location or cross-connect point from Comcast's Minimum Point of Entry (MPOE).

Geographic Availability:

Adelanto	Burlingame	Davis	Grass Valley	Lake Elsinore	Monrovia	Pasadena	San Diego	Sonora	Willows
Agoura Hills	Calabasas	Del Mar	Gridley	Lake Forest	Montclair	Patterson	San Dimas	South El Monte	Windsor
Alameda	Calexico	Del Rey Oaks	Gustine	Lakewood	Monte Sereno	Perris	San Fernando	South Gate	Woodland
Albany	Calimesa	Desert Hot Springs	Half Moon Bay	Lancaster	Montebello	Petaluma	San Francisco	South Pasadena	Woodside
Alhambra	Camarillo	Diamond Bar	Hanford	Larkspur	Monterey	Pico Rivera	San Gabriel	South San Francisco	Yorba Linda
Aliso Viejo	Campbell	Dinuba	Hawaiian Gardens	Lathrop	Monterey Park	Piedmont	San Jacinto	Stanton	Yountville
Amador	Capitola	Dos Palos	Hawthorne	Lawndale	Moorpark	Pinole	San Jose	Stockton	Yuba City
American Canyon	Carlsbad	Downey	Hayward	Lemon Grove	Moraga	Pittsburg	San Juan Capistrano	Suisun City	Yucaipa
Anaheim	Carson	Duarte	Healdsburg	Lemoore	Moreno Valley	Placentia	San Leandro	Sunnyvale	Yucca Valley
Angels Camp	Cathedral City	Dublin	Hemet	Lincoln	Morgan Hill	Placerville	San Marcos	Temecula	
Antioch	Ceres	East Palo Alto	Hercules	Live Oak	Mountain View	Pleasant Hill	San Mateo	Thousand Oaks	
Apple Valley	Cerritos	El Cajon	Hermosa Beach	Livermore	Murrieta	Pleasanton	San Pablo	Tiburon	
Arcadia	Chico	El Centro	Hesperia	Lodi	Napa	Plymouth	San Rafael	Torrance	
Artesia	Chino	El Cerrito	Highland	Loma Linda	National City	Pomona	San Ramon	Tracy	
Atherton	Chino Hills	El Monte	Hillsborough	Lomita	Newark	Port Hueneme	Sand City	Tulare	
Atwater	Chowchilla	El Segundo	Hughson	Lompoc	Newman	Portola Valley	Sanger	Turlock	
Auburn	Chula Vista	Elk Grove	Huntington Beach	Long Beach	Newport Beach	Poway	Santa Ana	Tustin	
Azusa	Claremont	Emeryville	Huntington Park	Los Alamitos	Norco	Rancho Cordova	Santa Barbara	Ukiah	
Baldwin Park	Clayton	Encinitas	Huron	Los Altos	Norwalk	Rancho Cucamonga	Santa Clara	Union City	
Banning	Cloverdale	Escalon	Imperial Beach	Los Altos Hills	Novato	Rancho Mirage	Santa Clarita	Upland	
Barstow	Coachella	Escondido	Indian Wells	Los Angeles	Oakdale	Rancho Palos	Santa Cruz	Vacaville	
Beaumont	Coalinga	Fairfax	Indio	Los Banos	Oakland	Rancho Santa	Santa Fe Springs	Vallejo	
Bell	Colma	Fairfield	Inglewood	Los Gatos	Oakley	Redlands	Santa Maria	Vernon	
Bellflower	Colton	Firebaugh	Irvine	Lynwood	Oceanside	Redondo Beach	Santa Monica	Victorville	
Belmont	Colusa	Folsom	Isleton	Madera	Ojai	Redwood City	Santa Paula	Villa Park	
Belvedere	Compton	Fontana	Jackson	Malibu	Ontario	Reedley	Santa Rosa	Visalia	
Benicia	Concord	Fort Bragg	Kerman	Manhattan	Orange	Rialto	Santee	Vista	
Berkeley	Corcoran	Foster City	Kingsburg	Manteca	Orinda	Richmond	Saratoga	Walnut	
Beverly Hills	Corning	Fountain Valley	La Habra	Marina	Orland	Rio Vista	Sausalito	Walnut Creek	
Big Bear Lake	Corona	Fowler	La Mesa	Martinez	Oroville	Riverbank	Scotts Valley	Waterford	
Biggs	Coronado	Fremont	La Mirada	Marysville	Oxnard	Riverside	Seal Beach	Watsonville	
Bishop	Costa Mesa	Fresno	La Palma	Maywood	Pacific Grove	Rohnert Park	Seaside	West Covina	
Blue Lake	Cotati	Fullerton	La Puente	Mendota	Pacifica	Roseville	Sebastopol	West Hollywood	

Blythe	Covina	Galt	La Quinta	Menlo Park	Palm Desert	Ross	Selma	West Sacramento	
Brea	Culver City	Garden Grove	La Verne	Merced	Palm Springs	Sacramento	Sierra Madre	Westlake Village	
Brentwood	Cupertino	Gardena	Lafayette	Mill Valley	Palmdale	Salinas	Signal Hill	Westminster	
Brisbane	Cypress	Glendale	Laguna Beach	Millbrae	Palo Alto	San Bernardino	Simi Valley	Wheatland	
Buellton	Daly City	Glendora	Laguna Hills	Milpitas	Paradise	San Anselmo	Solana Beach	Whittier	
Buena Park	Dana Point	Goleta	Laguna Niguel	Mission Viejo	Paramount	San Carlos	Solvang	Williams	
Burbank	Danville	Grand Terrace	Laguna Woods	Modesto	Parlier	San Clemente	Sonoma	Willits	

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 24.5.2.1 – 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	NSX0003	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.	None	\$15.00	N/A	Installation	No	No	Required
2	Extended Demarcation -Copper – Overtime Hours	NSX0004	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.	None	\$20.00	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	NSX0005	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.	None	\$27.50	N/A	Installation	No	No	Required
4	Extended Demarcation -Copper 25 Pair – Regular Hours	NSX0006	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.	None	\$47.50	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
5	Extended Demarcation -Copper 25 Pair – Overtime Hours	NSX0007	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.	None	\$55.00	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
6	Extended Demarcation -Copper 25 Pair – Sunday and Holiday Hours	NSX0008	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.	None	\$70.00	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
7	Extended Demarcation - Optical Fiber Link – Regular Hours	NSX0009	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.	None	\$70.00	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
8	Extended Demarcation - Optical Fiber Link – Overtime Hours	NSX0010	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.	None	\$77.50	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
9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	NSX0011	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.	None	\$90.51	N/A	Installation	No	No	Required

24.5.3 Services Related Hourly Support

Contractor’s Description of Service:

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

Adelanto	Burlingame	Davis	Grass Valley	Lake Elsinore	Monrovia	Pasadena	San Diego	Sonora	Willows
Agoura Hills	Calabasas	Del Mar	Gridley	Lake Forest	Montclair	Patterson	San Dimas	South El Monte	Windsor
Alameda	Calexico	Del Rey Oaks	Gustine	Lakewood	Monte Sereno	Perris	San Fernando	South Gate	Woodland
Albany	Calimesa	Desert Hot Springs	Half Moon Bay	Lancaster	Montebello	Petaluma	San Francisco	South Pasadena	Woodside
Alhambra	Camarillo	Diamond Bar	Hanford	Larkspur	Monterey	Pico Rivera	San Gabriel	South San Francisco	Yorba Linda
Aliso Viejo	Campbell	Dinuba	Hawaiian Gardens	Lathrop	Monterey Park	Piedmont	San Jacinto	Stanton	Yountville
Amador	Capitola	Dos Palos	Hawthorne	Lawndale	Moorpark	Pinole	San Jose	Stockton	Yuba City
American Canyon	Carlsbad	Downey	Hayward	Lemon Grove	Moraga	Pittsburg	San Juan Capistrano	Suisun City	Yucaipa
Anaheim	Carson	Duarte	Healdsburg	Lemoore	Moreno Valley	Placentia	San Leandro	Sunnyvale	Yucca Valley
Angels Camp	Cathedral City	Dublin	Hemet	Lincoln	Morgan Hill	Placerville	San Marcos	Temecula	
Antioch	Ceres	East Palo Alto	Hercules	Live Oak	Mountain View	Pleasant Hill	San Mateo	Thousand Oaks	
Apple Valley	Cerritos	El Cajon	Hermosa Beach	Livermore	Murrieta	Pleasanton	San Pablo	Tiburon	
Arcadia	Chico	El Centro	Hesperia	Lodi	Napa	Plymouth	San Rafael	Torrance	
Artesia	Chino	El Cerrito	Highland	Loma Linda	National City	Pomona	San Ramon	Tracy	
Atherton	Chino Hills	El Monte	Hillsborough	Lomita	Newark	Port Hueneme	Sand City	Tulare	
Atwater	Chowchilla	El Segundo	Hughson	Lompoc	Newman	Portola Valley	Sanger	Turlock	
Auburn	Chula Vista	Elk Grove	Huntington Beach	Long Beach	Newport Beach	Poway	Santa Ana	Tustin	
Azusa	Claremont	Emeryville	Huntington Park	Los Alamitos	Norco	Rancho Cordova	Santa Barbara	Ukiah	
Baldwin Park	Clayton	Encinitas	Huron	Los Altos	Norwalk	Rancho Cucamonga	Santa Clara	Union City	
Banning	Cloverdale	Escalon	Imperial Beach	Los Altos Hills	Novato	Rancho Mirage	Santa Clarita	Upland	
Barstow	Coachella	Escondido	Indian Wells	Los Angeles	Oakdale	Rancho Palos	Santa Cruz	Vacaville	
Beaumont	Coalinga	Fairfax	Indio	Los Banos	Oakland	Rancho Santa	Santa Fe Springs	Vallejo	
Bell	Colma	Fairfield	Inglewood	Los Gatos	Oakley	Redlands	Santa Maria	Vernon	
Bellflower	Colton	Firebaugh	Irvine	Lynwood	Oceanside	Redondo Beach	Santa Monica	Victorville	
Belmont	Colusa	Folsom	Isleton	Madera	Ojai	Redwood City	Santa Paula	Villa Park	
Belvedere	Compton	Fontana	Jackson	Malibu	Ontario	Reedley	Santa Rosa	Visalia	
Benicia	Concord	Fort Bragg	Kerman	Manhattan	Orange	Rialto	Santee	Vista	
Berkeley	Corcoran	Foster City	Kingsburg	Manteca	Orinda	Richmond	Saratoga	Walnut	
Beverly Hills	Corning	Fountain Valley	La Habra	Marina	Orland	Rio Vista	Sausalito	Walnut Creek	
Big Bear Lake	Corona	Fowler	La Mesa	Martinez	Oroville	Riverbank	Scotts Valley	Waterford	
Biggs	Coronado	Fremont	La Mirada	Marysville	Oxnard	Riverside	Seal Beach	Watsonville	
Bishop	Costa Mesa	Fresno	La Palma	Maywood	Pacific Grove	Rohnert Park	Seaside	West Covina	
Blue Lake	Cotati	Fullerton	La Puente	Mendota	Pacifica	Roseville	Sebastopol	West Hollywood	
Blythe	Covina	Galt	La Quinta	Menlo Park	Palm Desert	Ross	Selma	West Sacramento	

Brea	Culver City	Garden Grove	La Verne	Merced	Palm Springs	Sacramento	Sierra Madre	Westlake Village	
Brentwood	Cupertino	Gardena	Lafayette	Mill Valley	Palmdale	Salinas	Signal Hill	Westminster	
Brisbane	Cypress	Glendale	Laguna Beach	Millbrae	Palo Alto	San Bernardino	Simi Valley	Wheatland	
Buellton	Daly City	Glendora	Laguna Hills	Milpitas	Paradise	San Anselmo	Solana Beach	Whittier	
Buena Park	Dana Point	Goleta	Laguna Niguel	Mission Viejo	Paramount	San Carlos	Solvang	Williams	
Burbank	Danville	Grand Terrace	Laguna Woods	Modesto	Parlier	San Clemente	Sonoma	Willits	

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 24.5.3 – 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	NSX0012	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.	None	0.00	N/A	Hour	Yes	No	Required
2	Field Service Repair Technician Overtime Hours	NSX0013	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.	None	0.00	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	NSX0014	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.	None	0.00	N/A	Hour	Yes	No	Required