

VERIZON CALNET 3 CATEGORY 4.1

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4.1.2.2.3 SONET Dedicated Ring Services (SDRS) Service and Features

Contractor's Summary description of service: SONET Dedicated Ring Services (SDRS) service and features at various transport speeds.

Geographic Availability: Apple Valley, Artesia, Azusa, Baldwin Park, Banning, Barstow, Beaumont, Bell Gardens, Bellflower, Big Bear Lake, Bishop, Calimesa, Camarillo, Carpinteria, Chino, Chino Hills, Coachella, Covina, Delano, Diamond Bar, Downey, Fountain Valley, Fowler, Guadalupe, Hawaiian Gardens, Hemet, Huntington Beach, Imperial, Indio, La Habra, La Habra Heights, La Puente, La Quinta, La Verne, Laguna Beach, Lancaster, Lindsay, Loma Linda, Lompoc, Long Beach, Los Alamitos, Malibu, Manhattan Beach, Monrovia, Montebello, Mountain View, Murrieta, Norwalk, Novato, Ontario, Oxnard, Palm Desert, Palm Springs, Palos Verdes Estates, Perris, Pico Rivera, Pomona, Rancho Cucamonga, Rancho Mirage, Redlands, Redondo Beach, Rolling Hills, Rolling Hills Estates, San Bernardino, San Dimas, San Fernando, San Jacinto, Santa Barbara, Santa Maria, Santa Monica, Santa Paula, Temecula, Thousand Oaks, Twentynine Palms, Upland, Victorville, Walnut, West Covina, West Los Angeles, Whittier, Yucaipa, Yucca Valley.

Service Limitations and Restrictions N/A

Change Charge Applicability: Change Charge Applicability varies by service and feature code. See Column E for change charge applicability.

A	B	C	D	E	F	G	H	I	J	K
Line item #	Feature Name	Contractor's Product Identifier	Feature Description	Feature Restrictions, Limitations and Additional Information	Non-Recurring Charge per item	Monthly Recurring Charge/item per unit	Unit of measure	Charge per change per item	Delegation Needed (Yes/No)	Required or Discretionary
1	SDRS Local Loop Service (OC-3)	SDRS0003	Dedicated ring local loop at OC-3 speed connects a Customer site/Customer premise node to a SDRS node located in the central office at OC-3 speed. Service requires SDRS central office node		\$ 0	\$1,621.55	Loop	N/A	No	Required
2	SDRS Local Loop Service (OC-12)	SDRS0012	Dedicated ring local loop at OC-12 speed connects a Customer site/Customer premise node to a SDRS node located in the central office at OC-12 speed. Service requires SDRS central office node.		\$ 0	\$2,372.88	Loop	N/A	No	Required
3	SDRS Local Loop Service (OC-48)	SDRS0048	Dedicated ring local loop at OC-48 speed connects a Customer site/Customer premise node to a SDRS node located in the central office at OC-48 speed. Service requires SDRS central office node		\$ 0	\$4,243.50	Loop	N/A	No	Required
4	SDRS Local Loop Service (OC-192)	SDRS0192	Dedicated ring local loop at OC-192 speed connects a Customer site/Customer premise node to a SDRS node located in the central office at OC-192 speed. Service requires SDRS central office node		\$ 0	\$11,018.75	Loop	N/A	No	Required

4.1.2.2.3 SONET Dedicated Ring Services (SDRS) Service and Features

5	SDRS Central Office Access Port (OC-3)	SDCA0003	Hand off for services located at a central office node OC-3. Connects local loop access links, multiplexer, channel terminations, or circuit service facilities to central office node in dedicated ring configurations.		\$ 0	\$263.68	Port	N/A	No	Required
6	SDRS Central Office Access Port (OC-12)	SDCA0012	Hand off for service located at a central office node (OC-12). Connects local loop access links, multiplexer, channel terminations, or circuit service facilities to central office node in dedicated ring configurations.		\$ 0	\$493.54	Port	N/A	No	Required
7	SDRS Central Office Access Port (OC-48)	SDCA0048	Hand off for services located at a central office node (OC-48). Connects local loop access links, multiplexer, channel terminations, or circuit service facilities to central office node in dedicated ring configurations.		\$ 0	\$1,076.25	Port	N/A	No	Required
8	SDRS Central Office Access Port (OC-192)	SDCA0192	Hand off for service located at a central office node (OC-192). Connects local loop access links, multiplexer, channel terminations, or circuit service facilities to central office note in dedicated ring configurations.		\$ 0	\$24,087.50	Port	N/A	No	Required
9	SDRS Central Office Node OC-3	SDCN0003	Add/drop SONET multiplexer placed in Contractors central office. Connects to one or more premises nodes and SONET ring at OC-3 speed.		\$ 0	\$886.11	Node	N/A	No	Required
10	SDRS Central Office Node OC-12	SDCN0012	Add/drop SONET multiplexer placed in Contractors central office. Connects to one or more premises nodes and SONET ring at OC-12 speed.		\$ 0	\$1,296.63	Node	N/A	No	Required
11	SDRS Central Office Node OC-48	SDCN0048	Add/drop SONET multiplexer placed in Contractors central office. Connects to one or more premises nodes and SONET ring at OC-48 speed.		\$ 0	\$1,968.00	Node	N/A	No	Required
12	SDRS Central Office Node OC-192	SDCN0192	Add/drop SONET multiplexer placed in Contractors central office. Connects to one or more premises nodes and SONET ring at OC-192 speed.		\$ 0	\$7,164.75	Node	N/A	No	Required
13	SDRS Premise Access Port (T1)	SDPA0000	Hand off for service located at a Customer location/premise node T1 (1.5Mbps)		\$ 0	\$57.40	Port	N/A	No	Required

4.1.2.2.3 SONET Dedicated Ring Services (SDRS) Service and Features

14	SDRS Premise Access Port 45 Mbps (DS3)	SDPR0003	Hand off for service located at a Customer location/premise node DS3 (45Mbps)		\$ 0	\$235.75	Port	N/A	No	Required
15	SDRS Premise Access Port (OC-3)	SDPA0003	Hand off for service located at a Customer location/premise node OC-3		\$ 0	\$263.68	Port	N/A	No	Required
16	SDRS Premise Access Port (OC-12)	SDPA0012	Hand off for service located at a Customer location/premise node OC-12		\$ 0	\$493.54	Port	N/A	No	Required
17	SDRS Premise Access Port (OC-48)	SDPA0048	Hand off for service located at a Customer location/premise node OC-48		\$ 0	\$1,076.25	Port	N/A	No	Required
18	SDRS Mileage Dedicated Ring Service OC-3. Per mile over ten (10) miles	SDMD0003	Variable mileage for OC-3 Dedicated Ring Service with nodes greater than ten (10) miles apart		\$ 0	\$249.84	Mile	N/A	No	Required
19	SDRS Mileage Dedicated Ring Service OC-12. Per mile over ten (10) miles	SDMD0012	Variable mileage for OC-12 Dedicated Ring Service with nodes greater than ten (10) miles apart		\$ 0	\$257.53	Mile	N/A	No	Required
20	SDRS Mileage Dedicated Ring Service OC-48. Per mile over ten (10) miles	SDMD0048	Variable mileage for OC-48 Dedicated Ring Service with nodes greater than ten (10) miles apart		\$ 0	\$345.94	Mile	N/A	No	Required
21	SDRS Mileage Dedicated Ring Service OC-192. Per mile over ten (10) miles	SDMD0192	Variable mileage for OC-192 Dedicated Ring Service with nodes greater than ten (10) miles apart		\$ 0	\$1,068.56	Mile	N/A	No	Required

4.1.4.2 Extended Demarcation Wiring Services

Contractor's Summary description of service 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 Verizon's Minimum Point of Entry (MPOE).

Geographic Availability: Apple Valley, Artesia, Azusa, Baldwin Park, Banning, Barstow, Beaumont, Bell Gardens, Bellflower, Big Bear Lake, Bishop, Calimesa, Camarillo, Carpinteria, Chino, Chino Hills, Coachella, Covina, Delano, Diamond Bar, Downey, Fountain Valley, Fowler, Guadalupe, Hawaiian Gardens, Hemet, Huntington Beach, Imperial, Indio, La Habra, La Habra Heights, La Puente, La Quinta, La Verne, Laguna Beach, Lancaster, Lindsay, Loma Linda, Lompoc, Long Beach, Los Alamitos, Malibu, Manhattan Beach, Monrovia, Montebello, Mountain View, Murrieta, Norwalk, Novato, Ontario, Oxnard, Palm Desert, Palm Springs, Palos Verdes Estates, Perris, Pico Rivera, Pomona, Rancho Cucamonga, Rancho Mirage, Redlands, Redondo Beach, Rolling Hills, Rolling Hills Estates, San Bernardino, San Dimas, San Fernando, San Jacinto, Santa Barbara, Santa Maria, Santa Monica, Santa Paula, Temecula, Thousand Oaks, Twentynine Palms, Upland, Victorville, Walnut, West Covina, West Los Angeles, Whittier, Yucaipa, Yucca Valley

Service Limitations and Restrictions: N/A

Change Charge Applicability: Change Charge Applicability varies by service and feature code. See Column E for change charge applicability.

A	B	C	D	E	F	G	H	I	J	K
Line item #	Feature Name	Contractor's Product Identifier	Feature Description	Feature Restrictions, Limitations and Additional Information	Non-Recurring Charge per item	Monthly Recurring Charge/item per unit	Unit of measure	Charge per change per item	Delegation Needed (Yes/No)	Required or Discretionary
1	Extended Demarcation – Copper four-Pair - Regular Hours	IEXC0003	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2 Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$ 551.47	N/A	Installation	N/A	No	Required
2	Extended Demarcation – Copper four-Pair – Overtime Hours	EXDO0007	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2 Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$ 728.47	N/A	Installation	N/A	No	Required
3	Extended Demarcation – Copper four-Pair – Sunday and Holiday Hours	EXDH0007	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2 Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$ 905.47	N/A	Installation	N/A	No	Required

4.1.4.2 Extended Demarcation Wiring Services

4	Extended Demarcation – Copper 25 Pair - Regular Hours	IEXC0028	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten Category 5e, three (3) meter jumpers; one (1) 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.		\$ 1,876.20	N/A	Installation	N/A	No	Required
5	Extended Demarcation – Copper 25 Pair - Overtime Hours	EXDO0027	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten Category 5e, three (3) meter jumpers; one (1) 24-port patch panel to be provided in the MPOE and Intermediate Distribution Frame (IDF) for all circuits being extended. Includes associated troubleshooting, testing, and labeling.		\$ 2,476.82	N/A	Installation	N/A	No	Required

4.1.4.2 Extended Demarcation Wiring Services

6	Extended Demarcation – Copper 25 Pair - Sunday and Holiday Hours	EXDH0027	Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment as described in Section 4.1.4.2. Includes 300 feet or less of Category 5 25-pair CMP cable, one (1) patch panel and mounting hardware. Ten Category 5e, three (3) meter jumpers; one (1) 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.		\$ 3,077.44	N/A	Installation	N/A	No	Required
7	Extended Demarcation – Optical Fiber Link – Regular Hours	IEOF0003	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment as described in 4.1.4.2 with strand count required to provision one (1) 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 (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.		\$ 1,561.14	N/A	Installation	N/A	No	Required
8	Extended Demarcation – Optical Fiber Link – Overtime Hours	EDOO0003	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment as described in 4.1.4.2 with strand count required to provision one (1) 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 (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.		\$ 2,061.46	N/A	Installation	N/A	No	Required

4.1.4.2 Extended Demarcation Wiring Services

9	Extended Demarcation – Optical Fiber Link – Sunday and Holiday Hours	EDOH0002	Wiring services to extend Facilities from the Customer's MPOE to the Customers point of utilization from a fiber trunk or trunking equipment as described in 4.1.4.2 with strand count required to provision one (1) 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 (2) SC-SC duplex patch cords for each single circuit extension. Includes associated troubleshooting, testing and labeling.		\$ 2,432.52	N/A	Installation	N/A	No	Required
10	Pathway Components Services - Inner-duct CMP 300' package furnish and installed.	PTHW0044	Extended Demarcation Wiring Services Pathway Components Services - Inner-duct CMP 300' package furnish and installed.		\$ 2,094.00	\$ 0	Per Occurrence	\$ 0	No	Required
11	Pathway Component Service J-Hook and Hangers 300' package furnish and installed.	PTHW0048	Extended Demarcation Wiring Services Pathway Components Services - Standard J Hook. Verizon will Furnish and Install Standard J Hooks and Hangers in support of 300' cable package and Installation.		\$ 2,123.25	\$ 0	Per Occurrence	\$ 0	No	Required
12	Pathway Components Services - 4" Core	PTHW0046	Extended Demarcation Wiring Services Pathway Components Services - 4" Core Verizon will provide labor and material to install a 4" Core, sleeve and firestop accordingly.		\$ 709.06	\$ 0	Each	\$ 0	No	Required
13	Pathway Components Services - 2" Core	PTHW0042	Extended Demarcation Wiring Services Pathway Components Services - 2" Core Verizon will provide labor and material to install a 2" Core, sleeve and firestop accordingly.		\$ 368.41	\$ 0	Each	\$ 0	No	Required
14	Pathway Components Services - 1" Core	PTHW0040	Extended Demarcation Wiring Services Pathway Components Services - 1" Core Verizon will provide labor and material to install a 1" Core, sleeve and firestop accordingly.		\$ 184.39	\$ 0	Each	\$ 0	No	Required

4.1.4.2 Extended Demarcation Wiring Services

15	Pathway Components Services – Standard 1" Electrical Metallic Tubing (EMT) 10' package.	PTHW0050	Extended Demarcation Wiring Services Pathway Components Services – Standard 1" Electrical Metallic Tubing (EMT – conduit) Intra Building EMT Furnish and Install 10' package.		\$ 417.50	\$ 0	Per Occurrence	\$ 0	No	Required
16	Pathway Components Services – Standard 2" Electrical Metallic Tubing (EMT) 10' package.	PTHW0052	Extended Demarcation Wiring Services Pathway Components Services – Standard 2" Electrical Metallic Tubing (EMT – conduit) Intra Building EMT Furnish and Install 10' package.		\$ 824.00	\$ 0	Per Occurrence	\$ 0	No	Required
17	Pathway Components Services – National Electrical Manufacturers Association (NEMA) 1 Pull Box 12"X12"X6"	PTHW0054	Extended Demarcation Wiring Services Pathway Components Services – National Electrical Manufacturers Association (NEMA) 1 Pull Box 12"X12"X6" Furnish and Install.		\$ 185.65	\$ 0	Each	\$ 0	No	Required
18	Pathway Components Services – National Electrical Manufacturers Association (NEMA) 3 Pull Box 12"X12"X8"	PTHW0056	Extended Demarcation Wiring Services Pathway Components Services – National Electrical Manufacturers Association (NEMA) 3 Pull Box 12"X12"X8" Furnish and Install.		\$ 214.13	\$ 0	Each	\$ 0	No	Required
19	Pathway Components Services – National Electrical Manufacturers Association (NEMA) 1 Pull Box 8"X8"X6"	PTHW0058	Extended Demarcation Wiring Services Pathway Components Services – National Electrical Manufacturers Association (NEMA) 1 Pull Box 8"X8"X6" Furnish and Install.		\$ 99.03	\$ 0	Each	\$ 0	No	Required
20	Pathway Components Services – National Electrical Manufacturers Association (NEMA) 3 Pull Box 8"X8"X6"	PTHW0060	Extended Demarcation Wiring Services Pathway Components Services – National Electrical Manufacturers Association (NEMA) 3 Pull Box 8"X8"X6" Furnish and Install.		\$ 110.82	\$ 0	Each	\$ 0	No	Required

4.1.4.2 Extended Demarcation Wiring Services

21	Pathway Components Services - Surface Raceway 1" Top and Base with End Caps Non-Metallic 10' package.	PTHW0062	Extended Demarcation Wiring Services Pathway Components Services - Surface Raceway 1" Top and Base with End Caps Non-Metallic 10' package.		\$ 122.82	\$ 0	Per Occurrence	\$ 0	No	Required
22	Pathway Components Services - Surface Raceway 2" Top and Base with End Caps Non-Metallic 10' package.	PTHW0064	Extended Demarcation Wiring Services Pathway Components Services - Surface Raceway 2" Top and Base with End Caps Non-Metallic 10' package.		\$ 183.62	\$ 0	Per Occurrence	\$ 0	No	Required

4.1.4.3 Services Related Hourly Support

Contractor's Summary description of service: Field Services

Geographic Availability: Apple Valley, Artesia, Azusa, Baldwin Park, Banning, Barstow, Beaumont, Bell Gardens, Bellflower, Big Bear Lake, Bishop, Calimesa, Camarillo, Carpinteria, Chino, Chino Hills, Coachella, Covina, Delano, Diamond Bar, Downey, Fountain Valley, Fowler, Guadalupe, Hawaiian Gardens, Hemet, Huntington Beach, Imperial, Indio, La Habra, La Habra Heights, La Puente, La Quinta, La Verne, Laguna Beach, Lancaster, Lindsay, Loma Linda, Lompoc, Long Beach, Los Alamitos, Malibu, Manhattan Beach, Monrovia, Montebello, Mountain View, Murrieta, Norwalk, Novato, Ontario, Oxnard, Palm Desert, Palm Springs, Palos Verdes Estates, Perris, Pico Rivera, Pomona, Rancho Cucamonga, Rancho Mirage, Redlands, Redondo Beach, Rolling Hills, Rolling Hills Estates, San Bernardino, San Dimas, San Fernando, San Jacinto, Santa Barbara, Santa Maria, Santa Monica, Santa Paula, Temecula, Thousand Oaks, Twentynine Palms, Upland, Victorville, Walnut, West Covina, West Los Angeles, Whittier, Yucaipa, Yucca Valley

Service Limitations and Restrictions: N/A

Change Charge Applicability: N/A

A	B	C	D	E	F	G	H	I	J	K
Line item #	Feature Name	Contractor's Product Identifier	Feature Description	Feature Restrictions, Limitations and Additional Information	Non-Recurring Charge per item	Monthly Recurring Charge/item per unit	Unit of measure	Charge per change per item	Delegation Needed (Yes/No)	Required or Discretionary
1	Field Service Repair Technician Regular Hours	ITCH0006	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.		\$ 88.90	N/A	Hour	N/A	No	Required
2	Field Service Repair Technician Overtime Hours	ITCH03OT	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.		\$ 125.00	N/A	Hour	N/A	No	Required
3	Field Service Repair Technician Sunday and Holiday Hours	ITCH0008	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET 3 service problem that turns out to be caused by factors outside the responsibility of the Contractor.		\$ 125.00	N/A	Hour	N/A	No	Required