

IFB C4DNCS19
Data Networks and Communications Services
CATEGORY 23 – METROPOLITAN AREA NETWORK ETHERNET

**WaveDivision Holdings, LLC dba Astound Business
Solutions**

CATALOG B

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PO Box 1810

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Category 23 – METROPOLITAN AREA NETWORK ETHERNET

23.2.1.3 Ethernet Virtual Private Line (EVPL) MAE Service

Contractor's Description of Service:

This service shall provide an Ethernet Virtual Connection (EVC) between two Customer locations similar to Ethernet Private Line service but shall support the added flexibility to multiplex multiple services (EVCs) on a single UNI at a Customer's hub or aggregation site.

Geographic Availability:

State of California

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 23.2.1.6.a – MAE Services and Features

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	EPL MAE Service Connection 10/100 Mbps	WB-2300-00000100	10/100 Mbps Ethernet port per location; Assessed per interface at bandwidths of 10/100 Mbps (10/100BASE-T). The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$150.00	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
2	EPL MAE Service Connection 10/100 Mbps with Managed IP Enabled Routing Device	WB-2300-01000100	10/100 Mbps Ethernet port per location with managed IP enabled routing device; Assessed per interface at bandwidths of 10/100 Mbps (10/100BASE-T). The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$249.00	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
3	EPL MAE Service Connection Gigabit Ethernet (1 Gbps)	WB-2300-00001000	1 Gbps Ethernet port per location; Assessed per interface at bandwidths of 1 Gbps Ethernet. The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$150.00	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
4	EPL MAE Service Connection Gigabit Ethernet (1 Gbps) with Managed IP Enabled Routing Device	WB-2300-01001000	1 Gbps Ethernet port per location, with managed IP enabled routing device; Assessed per interface at bandwidths of 1 Gbps Ethernet. The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$950.00	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
5	EPL MAE Service Connection Gigabit Ethernet (10 GE)	WB-2300-00010000	10 Gbps Ethernet port per location; Assessed per interface at bandwidths of 10 Gbps Ethernet. The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$200.00	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
6	EPL MAE Service Connection Gigabit Ethernet (10 GE) with Managed IP Enabled Routing Device	WB-2300-01010000	10 Gbps Ethernet port per location, with managed IP enabled routing device; Assessed per interface at bandwidths of 10 Gbps Ethernet. The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$2,200.00	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
7	EVPL MAE Service Connection 10/100 Mbps	WB-2300-10000100	Assessed per interface at bandwidths of 10/100 Mbps (10/100BASE-T). The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$150.00	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
8	EVPL MAE Service Connection 10/100 Mbps with Managed IP Enabled Routing Device	WB-2300-11000100	Assessed per interface at bandwidths of 10/100 Mbps (10/100BASE-T) with managed IP enabled routing device. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$249.00	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
9	EVPL MAE Service Connection Gigabit Ethernet (1 Gbps)	WB-2300-10001000	Assessed per interface at bandwidths of 1 Gbps Ethernet. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$150.00	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
10	EVPL MAE Service Connection Gigabit Ethernet (1 Gbps) with Managed IP Enabled Routing Device	WB-2300-11001000	Assessed per interface at bandwidths of 1 Gbps Ethernet with managed IP Enabled routing device. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$950.00	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
11	EVPL MAE Service Connection 10 Gigabit Ethernet (10 GE)	WB-2300-10010000	Assessed per interface at bandwidths of 10 GE. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$200.00	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
12	EVPL MAE Service Connection 10 Gigabit Ethernet (10 GE) with Managed IP Enabled Routing Device	WB-2300-11010000	Assessed per interface at bandwidths of 10 GE with managed IP Enabled routing device. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one EVC and the NI.			\$2,200.00	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
13	Additional MAE MAC Addresses (51-100)	WB-2300-00000001	MAC Address rate element is a data link layer protocol used for Layer 2 connectivity. Standard service allows up to 50 MAC addresses to be present per EPL/EVPL connection. This optional feature increases that limit up to 100 MAC addresses per EPL/EVPL connection. A technical review will be necessary to determine if service can be provided and for approval to exceed the limit.			\$0.00	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
14	Ethernet Virtual Connection (EVC) MAE	WB-2300-00000002	EVC rate element. EVCs shall be assigned in 1 Mbps increments within each port range. Customer may order additional EVCs to establish additional virtual connections over the same physical connections. When additional EVCs are ordered, the Customer must designate the portion of the CIR bandwidth assigned to each EVC.			\$100.00	Each	Yes	Yes	Required

Table 23.2.1.6.b – CIR Basic Class of Service MAE

#	Feature Name	Contractor's 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	BASIC CIR MAE - 2 Mbps	WB-2300-20000002	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
2	BASIC CIR MAE - 4 Mbps	WB-2300-20000004	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
3	BASIC CIR MAE - 5 Mbps	WB-2300-20000005	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
4	BASIC CIR MAE - 8 Mbps	WB-2300-20000008	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
5	BASIC CIR MAE - 10 Mbps	WB-2300-20000010	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
6	BASIC CIR MAE - 20 Mbps	WB-2300-20000020	The guaranteed average bandwidth of the virtual circuit.			\$192.00	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
7	BASIC CIR MAE - 50 Mbps	WB-2300-20000050	The guaranteed average bandwidth of the virtual circuit.			\$287.00	Each	Yes	Yes	Required
8	BASIC CIR MAE - 100 Mbps	WB-2300-20000100	The guaranteed average bandwidth of the virtual circuit.			\$398.00	Each	Yes	Yes	Required
9	BASIC CIR MAE - 150 Mbps	WB-2300-20000150	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
10	BASIC CIR MAE - 200 Mbps	WB-2300-20000200	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
11	BASIC CIR MAE - 250 Mbps	WB-2300-20000250	The guaranteed average bandwidth of the virtual circuit.			\$566.00	Each	Yes	Yes	Required
12	BASIC CIR MAE - 400 Mbps	WB-2300-20000400	The guaranteed average bandwidth of the virtual circuit.			\$675.00	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
13	BASIC CIR MAE - 500 Mbps	WB-2300-20000500	The guaranteed average bandwidth of the virtual circuit.			\$700.00	Each	Yes	Yes	Required
14	BASIC CIR MAE - 600 Mbps	WB-2300-20000600	The guaranteed average bandwidth of the virtual circuit.			\$710.00	Each	Yes	Yes	Required
15	BASIC CIR MAE - 1 Gbps	WB-2300-20001000	The guaranteed average bandwidth of the virtual circuit.			\$750.00	Each	Yes	Yes	Required
16	BASIC CIR MAE - 10 Gbps	WB-2300-20010000	The guaranteed average bandwidth of the virtual circuit.			\$1,400.00	Each	Yes	Yes	Required

Table 23.2.1.6.c – CIR Priority Class of Service MAE

#	Feature Name	Contractor's 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	PRIORITY CIR MAE - 2 Mbps	WB-2300-20000002	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
2	PRIORITY CIR MAE - 4 Mbps	WB-2300-20000004	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
3	PRIORITY CIR MAE - 5 Mbps	WB-2300-20000005	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
4	PRIORITY CIR MAE - 8 Mbps	WB-2300-20000008	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
5	PRIORITY CIR MAE - 10 Mbps	WB-2300-20000010	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
6	PRIORITY CIR MAE - 20 Mbps	WB-2300-20000020	The guaranteed average bandwidth of the virtual circuit.			\$192.00	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
7	PRIORITY CIR MAE - 50 Mbps	WB-2300-20000050	The guaranteed average bandwidth of the virtual circuit.			\$287.00	Each	Yes	Yes	Required
8	PRIORITY CIR MAE - 100 Mbps	WB-2300-20000100	The guaranteed average bandwidth of the virtual circuit.			\$398.00	Each	Yes	Yes	Required
9	PRIORITY CIR MAE - 150 Mbps	WB-2300-20000150	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
10	PRIORITY CIR MAE - 200 Mbps	WB-2300-20000200	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
11	PRIORITY CIR MAE - 250 Mbps	WB-2300-20000250	The guaranteed average bandwidth of the virtual circuit.			\$566.00	Each	Yes	Yes	Required
12	PRIORITY CIR MAE - 400 Mbps	WB-2300-20000400	The guaranteed average bandwidth of the virtual circuit.			\$675.00	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
13	PRIORITY CIR MAE - 500 Mbps	WB-2300-20000500	The guaranteed average bandwidth of the virtual circuit.			\$700.00	Each	Yes	Yes	Required
14	PRIORITY CIR MAE - 600 Mbps	WB-2300-20000600	The guaranteed average bandwidth of the virtual circuit.			\$710.00	Each	Yes	Yes	Required
15	PRIORITY CIR - MAE 1 Gbps	WB-2300-20001000	The guaranteed average bandwidth of the virtual circuit.			\$750.00	Each	Yes	Yes	Required
16	PRIORITY CIR - MAE 10 Gbps	WB-2300-20010000	The guaranteed average bandwidth of the virtual circuit.			\$1,400.00	Each	Yes	Yes	Required

Table 23.2.1.6.d – CIR Premium Class of Service MAE

#	Feature Name	Contractor's 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	PREMIUM CIR MAE - 2 Mbps	WB-2300-20000002	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
2	PREMIUM CIR MAE - 4 Mbps	WB-2300-20000004	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
3	PREMIUM CIR MAE - 5 Mbps	WB-2300-20000005	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
4	PREMIUM CIR MAE - 8 Mbps	WB-2300-20000008	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
5	PREMIUM CIR MAE - 10 Mbps	WB-2300-20000010	The guaranteed average bandwidth of the virtual circuit.			\$116.00	Each	Yes	Yes	Required
6	PREMIUM CIR MAE - 20 Mbps	WB-2300-20000020	The guaranteed average bandwidth of the virtual circuit.			\$192.00	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
7	PREMIUM CIR MAE - 50 Mbps	WB-2300-20000050	The guaranteed average bandwidth of the virtual circuit.			\$287.00	Each	Yes	Yes	Required
8	PREMIUM CIR MAE - 100 Mbps	WB-2300-20000100	The guaranteed average bandwidth of the virtual circuit.			\$398.00	Each	Yes	Yes	Required
9	PREMIUM CIR MAE - 150 Mbps	WB-2300-20000150	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
10	PREMIUM CIR MAE - 200Mbps	WB-2300-20000200	The guaranteed average bandwidth of the virtual circuit.			\$482.00	Each	Yes	Yes	Required
11	PREMIUM CIR MAE - 250 Mbps	WB-2300-20000250	The guaranteed average bandwidth of the virtual circuit.			\$566.00	Each	Yes	Yes	Required
12	PREMIUM CIR MAE - 400 Mbps	WB-2300-20000400	The guaranteed average bandwidth of the virtual circuit.			\$675.00	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
13	PREMIUM CIR MAE - 500 Mbps	WB-2300-20000500	The guaranteed average bandwidth of the virtual circuit.			\$700.00	Each	Yes	Yes	Required
14	PREMIUM CIR MAE - 600 Mbps	WB-2300-20000600	The guaranteed average bandwidth of the virtual circuit.			\$710.00	Each	Yes	Yes	Required
15	PREMIUM CIR MAE - 1 Gbps	WB-2300-20001000	The guaranteed average bandwidth of the virtual circuit.			\$750.00	Each	Yes	Yes	Required
16	PREMIUM CIR MAE - 10 Gbps	WB-2300-20010000	The guaranteed average bandwidth of the virtual circuit.			\$1,400.00	Each	Yes	Yes	Required

23.2.1.6.4 Additional MAE Services and Features

Contractor's Description of Service:

Wavelength service provides dedicated connectivity to customers between two locations. Each Wavelength is a dedicated single route, available in 10G and 100G, using Wave's DWDM transport network providing 1310nm two strand optical handoffs to customer. Wavelength services are technology agnostic method to deliver point-to-point transport.

Geographic Availability:

State of California.

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 23.2.1.6.4 – Additional MAE Services and Features

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	10G Finished Wavelength	WB-2300-70000001				\$1,700.00	Each	Yes	Yes	Required
2	100G Finished Wavelength	WB-2300-70000002				\$5,500.00	Each	Yes	Yes	Required

23.4.2.1 Extended Demarcation Wiring Services

Contractor's Description of Service:

Extended Demarc wiring includes wire/cable related activities required to extend the demarcation point to the Customer defined termination location or cross-connect point from the Contractor's Minimum Point of Entry (MPOE).

Geographic Availability:

State of California

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 23.4.2.1 – 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	WB-2300-50000001	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.		\$500.00	N/A	Installation	No	No	Required
2	Extended Demarcation - Copper – Overtime Hours	WB-2300-50000002	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.		\$550.00	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	WB-2300-50000002	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.		\$550.00	N/A	Installation	No	No	Required
4	Extended Demarcation - Copper 25 Pair – Regular Hours	WB-2300-50000003	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.		\$500.00	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
5	Extended Demarcation - Copper 25 Pair - Overtime Hours	WB-2300-50000004	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.		\$550.00	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	WB-2300-50000004	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.		\$550.00	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	WB-2300-50000005	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.		\$500.00	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	WB-2300-50000006	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.		\$550.00	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
9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	WB-2300-50000006	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.		\$550.00	N/A	Installation	No	No	Required

23.4.3 Services Related Hourly Support

Contractor's Description of Service:

Labor for the diagnosis and/or repair of services listed in this Contract and all costs for repair are the responsibility of the service provider unless it is specifically determined that the cause of service failure is outside the scope of the Contractor's responsibilities. Work performed is authorized only for situations where the Contractor has dispatched personnel to diagnose a service problem that is discovered to be caused by factors outside the responsibility of the Contractor or no trouble is found.

Geographic Availability:

State of California

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 23.4.3.3 – Services Related Hourly Support

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Field Service Repair Technician Regular Hours	WB-2300-60000001	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.		\$65.00	N/A	Hour	Yes	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Field Service Repair Technician Overtime Hours	WB-2300-60000002	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.		\$130.00	N/A	Hour	Yes	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
3	Field Service Repair Technician Sunday and Holiday Hours	WB-2300-60000002	Field technician properly trained to an expert level for the service being dispatched to diagnose and/or repair a CALNET DNCS service problem that turns out to be caused by factors outside the responsibility of the Contractor.		\$130.00	N/A	Hour	Yes	No	Required