

3.2.1.6 MAE Services and Features

<p>Contractor's Summary Description of Service: Ethernet point-to-point and multipoint LAN services which provide for the transmission of digital signals in a dedicated high capacity channel. The service is available in multiple configurations, enabling Customers to connect two (2) or more Local Area Networks (LANs) at the native speed of the LAN backbone.</p>
<p>Geographic Availability: Statewide.</p>
<p>Service Limitations and Restrictions: Metro Area Network Ethernet services require a no-cost customer consultation. Services are subject to the availability of Level 3 facilities. Where facilities are not available, special construction charges may apply. Special construction may not be ordered or billed using the CALNET contracts and must be procured by other means.</p>

3.2.1.6 MAE Services and Features										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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	EPL MAE Service Connection 10/100 Mbps	EPL-CA-0001	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	\$178.61	Each	\$0.00	Yes	Required
2	EPL MAE Service Connection 10/100 Mbps with Managed Router	EPL-CA-0002	10/100 Mbps Ethernet port per location with managed router; 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	\$257.41	Each	\$0.00	Yes	Required

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Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
3	EPL MAE Service Connection Gigabit Ethernet (1 Gbps)	EPL-CA-0003	1000 Mbps Ethernet port per location; Assessed per interface at bandwidths of 1Gbps 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	\$262.66	Each	\$0.00	Yes	Required
4	EPL MAE Service Connection Gigabit Ethernet (1 Gbps) with Managed Router	EPL-CA-0004	1000 Mbps Ethernet port per location with managed router; Assessed per interface at bandwidths of 1Gbps 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	\$341.46	Each	\$0.00	Yes	Required
5	EVPL MAE Service Connection 10/100 Mbps	EPL-CA-0005	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	\$178.61	Each	\$0.00	Yes	Required

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Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
6	EVPL MAE Service Connection 10/100 Mbps with Managed Router	EPL-CA-0006	Assessed per interface at bandwidths of 10/100 Mbps (10/100BASE-T) with managed router. 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	\$257.41	Each	\$0.00	Yes	Required
7	EVPL MAE Service Connection Gigabit Ethernet (1 Gbps)	EPL-CA-0007	Assessed per interface at bandwidths of 1Gbps 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	\$262.66	Each	\$0.00	Yes	Required
8	EVPL MAE Service Connection Gigabit Ethernet (1 Gbps) with Managed Router	EPL-CA-0008	Assessed per interface at bandwidths of 1Gbps Ethernet with managed router. 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	\$341.46	Each	\$0.00	Yes	Required

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Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
9	Additional MAE MAC Addresses (51-100)	EPL-CA-0009	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 to 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.		\$5.00	\$0.52	Each	\$0.00	Yes	Required
10	Ethernet Virtual Connection (EVC) MAE	EPL-CA-0010	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.		\$5.00	\$0.00	Each	\$0.00	Yes	Required
11 CIR (Basic CoS MAE)										
11a	BASIC CIR - 2 Mbps	EPL-CA-0011	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$41.21	Each	\$0.00	Yes	Required
11b	BASIC CIR MAE - 4 Mbps	EPL-CA-0012	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$61.82	Each	\$0.00	Yes	Required

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11c	BASIC CIR MAE - 8 Mbps	EPL-CA-0013	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$109.91	Each	\$0.00	Yes	Required
12 CIR (Priority CoS)										
12a	PRIORITY CIR MAE - 2 Mbps	EPL-CA-0014	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$48.48	Each	\$0.00	Yes	Required
12b	PRIORITY CIR MAE - 4 Mbps	EPL-CA-0015	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$72.72	Each	\$0.00	Yes	Required
12c	PRIORITY CIR MAE - 5 Mbps	EPL-CA-0016	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$84.05	Each	\$0.00	Yes	Required
12d	PRIORITY CIR MAE - 8 Mbps	EPL-CA-0017	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$129.30	Each	\$0.00	Yes	Required
12e	PRIORITY CIR MAE - 10 Mbps	EPL-CA-0018	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$251.32	Each	\$0.00	Yes	Required
12f	PRIORITY CIR MAE - 20 Mbps	EPL-CA-0019	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$352.32	Each	\$0.00	Yes	Required
12g	PRIORITY CIR MAE - 50 Mbps	EPL-CA-0020	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$429.91	Each	\$0.00	Yes	Required
12h	PRIORITY CIR MAE - 100 Mbps	EPL-CA-0021	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$507.49	Each	\$0.00	Yes	Required
12i	PRIORITY CIR MAE - 150 Mbps	EPL-CA-0022	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$558.23	Each	\$0.00	Yes	Required
12j	PRIORITY CIR MAE - 250 Mbps	EPL-CA-0023	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$614.05	Each	\$0.00	Yes	Required
12k	PRIORITY CIR MAE - 500 Mbps	EPL-CA-0024	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$675.45	Each	\$0.00	Yes	Required
12l	PRIORITY CIR MAE - 600 Mbps	EPL-CA-0025	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$743.00	Each	\$0.00	Yes	Required

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Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
12m	PRIORITY CIR MAE - 1000 Mbps	EPL-CA-0026	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$817.30	Each	\$0.00	Yes	Required
13a	PREMIUM CIR MAE - 2 Mbps	EPL-CA-0027	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$55.76	Each	\$0.00	Yes	Required
13b	PREMIUM CIR MAE - 4 Mbps	EPL-CA-0028	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$83.64	Each	\$0.00	Yes	Required
13c	PREMIUM CIR MAE - 5 Mbps	EPL-CA-0029	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$96.66	Each	\$0.00	Yes	Required
13d	PREMIUM CIR MAE - 8 Mbps	EPL-CA-0030	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$148.70	Each	\$0.00	Yes	Required
13e	PREMIUM CIR MAE - 10 Mbps	EPL-CA-0031	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$289.02	Each	\$0.00	Yes	Required
13f	PREMIUM CIR MAE - 20 Mbps	EPL-CA-0032	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$405.17	Each	\$0.00	Yes	Required
13g	PREMIUM CIR MAE - 50 Mbps	EPL-CA-0033	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$494.39	Each	\$0.00	Yes	Required
13h	PREMIUM CIR MAE - 100 Mbps	EPL-CA-0034	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$583.60	Each	\$0.00	Yes	Required
13i	PREMIUM CIR MAE - 150 Mbps	EPL-CA-0035	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$641.97	Each	\$0.00	Yes	Required
13j	PREMIUM CIR MAE - 250 Mbps	EPL-CA-0036	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$706.15	Each	\$0.00	Yes	Required
13k	PREMIUM CIR MAE - 500 Mbps	EPL-CA-0037	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$776.78	Each	\$0.00	Yes	Required
13l	PREMIUM CIR MAE - 600 Mbps	EPL-CA-0038	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$854.45	Each	\$0.00	Yes	Required

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13m	PREMIUM CIR MAE – 1000 Mbps	EPL-CA-0039	The guaranteed average bandwidth of the virtual circuit.		\$15.00	\$939.90	Each	\$0.00	Yes	Required
14	EPL MAE Service Connection	EPL-CA 1047	10G Ethernet interface port, Assessed per interface at bandwidths up to 3G. The EPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one (1) EVC and the NI.		\$1400.00	\$6457.50	Each	\$0.00	Yes	Required
15	10000Mbps	EPL-CA 1031	10G Ethernet interface port, Assessed per interface at bandwidths up to 6G. The EVPL connection rate element includes the physical connection (Access Link) between the Customer's demarcation and the core Ethernet network, the port, one (1) EVC and the NI.		\$1400.00	\$6457.50	Each	\$0.00	Yes	Required

3.4.2 Extended Demarcation Wiring Services

Contractor's Summary Description of Service: Extended Demarc 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 the Carrier's Minimum Point of Entry (MPOE).
Geographic Availability: Statewide.
Service Limitations and Restrictions: None.
Change Charge Applicability: N/A.

3.4.2 Extended Demarcation Wiring Services										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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	OTH-CA-3401	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 3.4.2. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$165.00	N/A	Installation	\$0.00	No	Required
2	Extended Demarcation – Copper four Pair – Overtime Hours	OTH-CA-3402	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 3.4.2. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$165.00	N/A	Installation	\$0.00	No	Required

3.4.2 Extended Demarcation Wiring Services										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
3	Extended Demarcation – Copper four Pair – Sunday and Holiday Hours	OTH-CA-3403	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 3.4.2. Includes 300 feet of four-pair cable and an RJ48s or equivalent jack.		\$165.00	N/A	Installation	\$0.00	No	Required
4	Extended Demarcation – Copper 25 Pair – Regular Hours	OTH-CA-3404	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 3.4.2. 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.		\$165.00	N/A	Installation	\$0.00	No	Required

3.4.2 Extended Demarcation Wiring Services										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
5	Extended Demarcation – Copper 25 Pair – Overtime Hours	OTH-CA-3405	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 3.4.2. 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.		\$165.00	N/A	Installation	\$0.00	No	Required
6	Extended Demarcation – Copper 25 Pair – Sunday and Holiday Hours	OTH-CA-3406	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 3.4.2. 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.		\$165.00	N/A	Installation	\$0.00	No	Required

3.4.2 Extended Demarcation Wiring Services										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
7	Extended Demarcation – Optical Fiber Link – Regular Hours	OTH-CA-3407	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 3.4.2 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.		\$1,500.00	N/A	Installation	\$0.00	No	Required
8	Extended Demarcation – Optical Fiber Link – Overtime Hours	OTH-CA-3408	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 3.4.2 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.		\$1,500.00	N/A	Installation	\$0.00	No	Required

3.4.2 Extended Demarcation Wiring Services										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Feature Name	Contractor's Product Identifier	Feature Description	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
9	Extended Demarcation – Optical Fiber Link – Sunday and Holiday Hours	OTH-CA-3409	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 3.4.2 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.		\$1,500.00	N/A	Installation	\$0.00	No	Required

3.4.3 Services Related Hourly Support

Contractor's Summary Description of Service: Hourly 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 Contractors 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: US Nationwide.
Service Limitations and Restrictions: None.
Change Charge Applicability: N/A.

3.4.3 Services Related Hourly Support										
A	B	C	D	E	F	G	H	I	J	K
Line Item #	Product Name	Contractor's Product Identifier	Feature Description	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	OTH-CA-3501	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.		N/A	\$175.00	Hour	N/A	No	Required
2	Field Service Repair Technician Overtime Hours	OTH-CA-3502	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.		N/A	\$300.00	Hour	N/A	No	Required

3.4.3 Services Related Hourly Support										
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Line Item #	Product Name	Contractor's Product Identifier	Feature Description	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
3	Field Service Repair Technician Sunday and Holiday Hours	OTH-CA-3503	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.		N/A	\$300.00	Hour	N/A	No	Required