

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

Granite Telecommunications, LLC

CATALOG B

July 24, 2020

Issued by:

STATE OF CALIFORNIA

California Department of Technology Statewide
Procurement

PO Box 1810

Rancho Cordova, CA 95741

TABLE OF CONTENTS

23.2.1.3 ETHERNET VIRTUAL PRIVATE LINE (EVPL) MAE SERVICE	3
Table 23.2.1.6.a – MAE Services and Features	4
Table 23.2.1.6.b – CIR Basic Class of Service MAE	18
Table 23.2.1.6.c – CIR Priority Class of Service MAE.....	21
Table 23.2.1.6.d – CIR Premium Class of Service MAE.....	24
23.2.1.6.4 ADDITIONAL MAE SERVICES AND FEATURES.....	27
Table 23.2.1.6.4 – Additional MAE Services and Features	27
23.4.2.1 EXTENDED DEMARCATION WIRING SERVICES.....	28
Table 23.4.2.1 – Extended Demarcation Wiring Services	28
23.4.3 SERVICES RELATED HOURLY SUPPORT	43
Table 23.4.3.3 – Services Related Hourly Support	43

Category 23 – METROPOLITAN AREA NETWORK ETHERNET

23.2.1.3 Ethernet Virtual Private Line (EVPL) MAE Service

Contractor's Description of Service:

Granite's product name for Ethernet Virtual Private Line (EVPL) MAE Service is Granite Switched Ethernet (GSE). This service will be provided in a point to multipoint configuration for endpoints ordered as EVPL. This includes a single access circuit at the hub location with a single port configured with VLANs per remote location for logical connectivity. Each remote location will have a single access circuit with an Ethernet port that only connects directly back to the hub location. Included in the service is the SRE needed to terminate the service at a CALNET user location, the access circuit for physical connectivity and the logical connections needed for each remote location to connect to the hub.

Geographic Availability:

Statewide

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

Table 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	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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)	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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)	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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)	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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)	MAE_GRT_1	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.		N/A	\$10.00	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	MAE_GRT_2	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.		N/A	\$25.00	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)	MAE_GRT_3	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.		\$85.00	\$10.22	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
14	Ethernet Virtual Connection (EVC) MAE	MAE_GRT_4	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.	Pricing assumes for 1 Mbps incremental increase and may vary based on amount of bandwidth being provided.	N/A	\$45.00	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	CIR_BAS_GR T_1	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 234.00	Each	Yes	Yes	Required
2	BASIC CIR MAE - 4 Mbps	CIR_BAS_GR T_2	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 313.20	Each	Yes	Yes	Required
3	BASIC CIR MAE - 5 Mbps	CIR_BAS_GR T_3	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 337.50	Each	Yes	Yes	Required
4	BASIC CIR MAE - 8 Mbps	CIR_BAS_GR T_4	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 400.50	Each	Yes	Yes	Required
5	BASIC CIR MAE - 10 Mbps	CIR_BAS_GR T_5	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 469.80	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	BASIC CIR MAE - 20 Mbps	CIR_BAS_GR T_6	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 562.50	Each	Yes	Yes	Required
7	BASIC CIR MAE - 50 Mbps	CIR_BAS_GR T_7	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 697.50	Each	Yes	Yes	Required
8	BASIC CIR MAE - 100 Mbps	CIR_BAS_GR T_8	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 782.10	Each	Yes	Yes	Required
9	BASIC CIR MAE - 150 Mbps	CIR_BAS_GR T_9	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 891.00	Each	Yes	Yes	Required
10	BASIC CIR MAE - 200 Mbps	CIR_BAS_GR T_10	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 999.00	Each	Yes	Yes	Required
11	BASIC CIR MAE - 250 Mbps	CIR_BAS_GR T_11	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 999.00	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	BASIC CIR MAE - 400 Mbps	CIR_BAS_GR T_12	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 1,053.90	Each	Yes	Yes	Required
13	BASIC CIR MAE - 500 Mbps	CIR_BAS_GR T_13	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 1,083.60	Each	Yes	Yes	Required
14	BASIC CIR MAE - 600 Mbps	CIR_BAS_GR T_14	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 1,223.10	Each	Yes	Yes	Required
15	BASIC CIR MAE - 1 Gbps	CIR_BAS_GR T_15	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 1,350.00	Each	Yes	Yes	Required
16	BASIC CIR MAE - 10 Gbps	CIR_BAS_GR T_16	The guaranteed average bandwidth of the virtual circuit.		N/A	\$ 2,500.00	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	CIR_PRIO_G RT_1	The guaranteed average bandwidth of the virtual circuit.		N/A	\$258.30	Each	Yes	Yes	Required
2	PRIORITY CIR MAE - 4 Mbps	CIR_PRIO_G RT_2	The guaranteed average bandwidth of the virtual circuit.		N/A	\$358.20	Each	Yes	Yes	Required
3	PRIORITY CIR MAE - 5 Mbps	CIR_PRIO_G RT_3	The guaranteed average bandwidth of the virtual circuit.		N/A	\$374.40	Each	Yes	Yes	Required
4	PRIORITY CIR MAE - 8 Mbps	CIR_PRIO_G RT_4	The guaranteed average bandwidth of the virtual circuit.		N/A	\$435.60	Each	Yes	Yes	Required
5	PRIORITY CIR MAE - 10 Mbps	CIR_PRIO_G RT_5	The guaranteed average bandwidth of the virtual circuit.		N/A	\$560.70	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	PRIORITY CIR MAE - 20 Mbps	CIR_PRIO_G RT_6	The guaranteed average bandwidth of the virtual circuit.		N/A	\$648.90	Each	Yes	Yes	Required
7	PRIORITY CIR MAE - 50 Mbps	CIR_PRIO_G RT_7	The guaranteed average bandwidth of the virtual circuit.		N/A	\$777.60	Each	Yes	Yes	Required
8	PRIORITY CIR MAE - 100 Mbps	CIR_PRIO_G RT_8	The guaranteed average bandwidth of the virtual circuit.		N/A	\$858.60	Each	Yes	Yes	Required
9	PRIORITY CIR MAE - 150 Mbps	CIR_PRIO_G RT_9	The guaranteed average bandwidth of the virtual circuit.		N/A	\$947.70	Each	Yes	Yes	Required
10	PRIORITY CIR MAE - 200 Mbps	CIR_PRIO_G RT_10	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,183.50	Each	Yes	Yes	Required
11	PRIORITY CIR MAE - 250 Mbps	CIR_PRIO_G RT_11	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,183.50	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
12	PRIORITY CIR MAE - 400 Mbps	CIR_PRIO_G RT_12	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,231.20	Each	Yes	Yes	Required
13	PRIORITY CIR MAE - 500 Mbps	CIR_PRIO_G RT_13	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,255.50	Each	Yes	Yes	Required
14	PRIORITY CIR MAE - 600 Mbps	CIR_PRIO_G RT_14	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,395.00	Each	Yes	Yes	Required
15	PRIORITY CIR - MAE 1 Gbps	CIR_PRIO_G RT_15	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,517.40	Each	Yes	Yes	Required
16	PRIORITY CIR - MAE 10 Gbps	CIR_PRIO_G RT_16	The guaranteed average bandwidth of the virtual circuit.		N/A	\$2,600.00	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	CIR_PREM_G RT_1	The guaranteed average bandwidth of the virtual circuit.		N/A	\$265.50	Each	Yes	Yes	Required
2	PREMIUM CIR MAE - 4 Mbps	CIR_PREM_G RT_2	The guaranteed average bandwidth of the virtual circuit.		N/A	\$372.60	Each	Yes	Yes	Required
3	PREMIUM CIR MAE - 5 Mbps	CIR_PREM_G RT_3	The guaranteed average bandwidth of the virtual circuit.		N/A	\$388.80	Each	Yes	Yes	Required
4	PREMIUM CIR MAE - 8 Mbps	CIR_PREM_G RT_4	The guaranteed average bandwidth of the virtual circuit.		N/A	\$453.60	Each	Yes	Yes	Required
5	PREMIUM CIR MAE - 10 Mbps	CIR_PREM_G RT_5	The guaranteed average bandwidth of the virtual circuit.		N/A	\$587.70	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	PREMIUM CIR MAE - 20 Mbps	CIR_PREM_G RT_6	The guaranteed average bandwidth of the virtual circuit.		N/A	\$683.10	Each	Yes	Yes	Required
7	PREMIUM CIR MAE - 50 Mbps	CIR_PREM_G RT_7	The guaranteed average bandwidth of the virtual circuit.		N/A	\$824.40	Each	Yes	Yes	Required
8	PREMIUM CIR MAE - 100 Mbps	CIR_PREM_G RT_8	The guaranteed average bandwidth of the virtual circuit.		N/A	\$907.20	Each	Yes	Yes	Required
9	PREMIUM CIR MAE - 150 Mbps	CIR_PREM_G RT_9	The guaranteed average bandwidth of the virtual circuit.		N/A	\$997.20	Each	Yes	Yes	Required
10	PREMIUM CIR MAE - 200Mbps	CIR_PREM_G RT_10	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,251.00	Each	Yes	Yes	Required
11	PREMIUM CIR MAE - 250 Mbps	CIR_PREM_G RT_11	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,251.00	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	PREMIUM CIR MAE - 400 Mbps	CIR_PREM_G RT_12	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,301.40	Each	Yes	Yes	Required
13	PREMIUM CIR MAE - 500 Mbps	CIR_PREM_G RT_13	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,328.40	Each	Yes	Yes	Required
14	PREMIUM CIR MAE - 600 Mbps	CIR_PREM_G RT_14	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,474.20	Each	Yes	Yes	Required
15	PREMIUM CIR MAE - 1 Gbps	CIR_PREM_G RT_15	The guaranteed average bandwidth of the virtual circuit.		N/A	\$1,608.30	Each	Yes	Yes	Required
16	PREMIUM CIR MAE - 10 Gbps	CIR_PREM_G RT_16	The guaranteed average bandwidth of the virtual circuit.		N/A	\$2,700.00	Each	Yes	Yes	Required

23.2.1.6.4 Additional MAE Services and Features

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 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

23.4.2.1 Extended Demarcation Wiring Services

Contractor's Description of Service:

Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization from a copper trunk or trunking equipment will include 300 feet or less of cable as well as feature specific hardware. Associated troubleshooting, testing, and labeling is included.

Geographic Availability:

Statewide

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

Table 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	NI_GRT_1	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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$368.48	N/A	Installation	No	No	Required

#	Feature Name	Contractor's Product ID	Feature Description	Contractor's Description, Restrictions and Limitations	Non-Recurring Charge Per Item	Monthly Recurring Charge/Item per Unit	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
2	Extended Demarcation - Copper – Overtime Hours	NI_GRT_2	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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$461.07	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	NI_GRT_3	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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$805.26	N/A	Installation	No	No	Required

4	Extended Demarcation - Copper 25 Pair – Regular Hours	NI_GRT_4	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,297.16	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
			testing, and labeling.							

5	Extended Demarcation - Copper 25 Pair – Overtime Hours	NI_GRT_5	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,593.44	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
			testing, and labeling.							

6	Extended Demarcation - Copper 25 Pair – Sunday and Holiday Hours	NI_GRT_6	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,919.12	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
			testing, and labeling.							

7	Extended Demarcation - Optical Fiber Link – Regular Hours	NI_GRT_7	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,073.21	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
			testing and labeling.							

8	Extended Demarcation - Optical Fiber Link – Overtime Hours	NI_GRT_8	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,352.16	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
			testing and labeling.							

9	Extended Demarcation - Optical Fiber Link – Sunday and Holiday Hours	NI_GRT_9	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,	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2,465.62	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
			testing and labeling.							

23.4.3 Services Related Hourly Support

Contractor’s Description of Service:

A Field Technician properly trained to an expert level for the service will be 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.

Geographic Availability:

Statewide

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

Table 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	NI_GRT_10	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.	Includes labor only and accounts for time from dispatch to job completion.	\$75.02	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	NI_GRT_11	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.	Includes labor only and accounts for time from dispatch to job completion.	\$112.52	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	NI_GRT_12	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.	Includes labor only and accounts for time from dispatch to job completion.	\$150.03	N/A	Hour	Yes	No	Required