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Data Networks and Communications Services

CATEGORY 29 – CONVERGED VOIP Services

Granite Telecommunications. LLC

CATALOG B

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Category 29 – Converged VOIP

29.2 Converged Voice Over Internet Protocol

29.2.4 Converged VoIP Minimum Requirements

29.2.4.1 Converged VoIP Equipment and Hardware

Contractor’s Description of Service:

Granite’s Converged VoIP Equipment and Hardware includes the installation and maintenance of all equipment and hardware required to deliver the service to the workstation handset, excluding Customer LAN components, horizontal closet racks, raceway, environmental components and AC electrical power, horizontal station cabling, and all LAN functionality, components, cabling, and equipment.

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 29.2.4.3.a – Converged VoIP Handset Service Packages

#	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	Standard Converged VoIP Handset Service Package	CVV_HS_GR T_1	Service Package with Standard Converged VoIP Handset.		\$0.00	\$9.62	Seat	Yes	No	Required
2	Midrange Converged VoIP Handset Service Package	CVV_HS_GR T_2	Service Package with Midrange Converged VoIP Handset.		\$0.00	\$13.67	Seat	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	Attendant Converged VoIP Handset Service Package	CVV_HS_GR T_3	Service Package with Attendant Converged VoIP Handset.		\$0.00	\$13.73	Seat	Yes	No	Required
4	Standard Converged VoIP Conference Room Speakerphone	CVV_HS_GR T_4	Service Package with Standard Conference Room Converged VoIP Speakerphone with no external speakers.		\$0.00	\$24.34	Seat	Yes	No	Required
5	Executive Converged VoIP Conference Room Speakerphone	CVV_HS_GR T_5	Service Package with Executive Conference Room Converged VoIP Speakerphone with two external speakers.		\$0.00	\$25.34	Seat	Yes	No	Required

29.2.5 Additional Converged VoIP Services and Features

29.2.5.6 Converged VoIP Analog Support

Contractor's Description of Service:

Granite provides the following Additional Converged VoIP Services and Features: Site Survivability, Network LAN Assessment Retest, Block of 20 Additional Direct Inward Dialing Number Reservation, Web Based Attendant Console, Additional Line Appearance, and Analog Support.

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 29.2.5.a Converged VoIP Service 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	Converged VoIP Small Site Survivability Network Failure	CVV_SP_GRT_1	Site survivability option for a site with 100 Desktop Handsets and 15 concurrent calls to outside lines.		\$0.00	\$42.47	Each	Yes	No	Required
2	Converged VoIP Medium Site Survivability Network Failure	CVV_SP_GRT_2	Site Survivability option for a site with 500 Desktop Handsets and 75 concurrent calls to outside lines.		\$0.00	\$42.47	Each	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	Converged VoIP Large Site Survivability Network Failure	CVV_SP_GRT_3	Site Survivability option for a site with 1000 Desktop Handsets and 150 concurrent calls to outside lines.		\$0.00	\$42.47	Each	Yes	No	Required
4	Converged VoIP Network LAN Assessment Retest	CVV_SP_GRT_4	Additional test beyond the initial LAN Assessment test as identified in the Converged VoIP Network LAN Assessment Section.		\$101.5	N/A	Seat	Yes	No	Required
5	Converged VoIP Block of 20 Additional Direct Inward Dialing Number Reservation	CVV_SP_GRT_5	Block of 20 DID numbers held in reservation.		N/A	\$5.80	Block	Yes	No	Required
6	Converged VoIP Web-Based Attendant Console	CVV_SP_GRT_6	Enables an End-User (e.g., receptionist) to monitor a configurable set of End-Users		N/A	\$20.99	Each	Yes	No	Required
7	Converged VoIP Additional Line Appearance	CVV_SP_GRT_7	Additional line appearances for multi-line handsets.		N/A	\$1.00	Appearance	Yes	No	Required
8	Converged VoIP Analog Support	CVV_SP_GRT_8	Analog device support		\$0.00	\$25.00	Each	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
9	Microsoft Teams Direct Routing	MSTDR_GRT_1		Employing Granite's Business SIP trunking, Direct Routing (DR) allows interconnection of the PSTN with your Microsoft cloud-based phone system, facilitating calls between Teams users and mobile or fixed line telephone subscribers anywhere in the world. Teams DR is recommended for customers with over 25 end users and the ability to maintain the Phone System add-on feature.	N/A	\$11.99	Per Call Path	Yes	No	Required

10	SIP Call Paths	SIP_GRT_1		<p>SIP Call Paths are the logical connectivity for an individual call, either inbound or outbound, to be established with an end user of a Session Initiated Protocol Voice over Internet Protocol service provider and the calling/called party across the Public Switched Telephone Network. These can be requested in quantities of one with no predetermined maximum limit. When ordered to a single customer and configured on the customer's IP PBX, it is known as a SIP Trunk with the quantity SIP Call Paths, also known as Concurrent Call Paths, configured</p>	N/A	\$9.81	Each	Yes	No	Required
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#	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
				for that individual customer. **Includes local calling.						
11	SIP CommPortal	SIP_GRT_2		Granite's SIP Portal is an online tool that can be accessed from a web browser by a SIP Trunking customer, usually a telephony system administrator, for DID configuration and routing and call analytics on the SIP Trunking service.	N/A	\$3.93	Each	Yes	No	Required

12	SIP Bursting	SIP_GRT_3		<p>A Burstable Call Path is the same as a regular call path in the sense that it provides a Granite SIP Trunking customer access to the PSTN over a SIP based VoIP connection. The difference is Bursting allows a customer to temporarily use more than the predetermined base number of concurrent call paths (CCP), at a rate up to 50% more. For example, if a customer subscribes to 10 CCPs, the 11th call, inbound or outbound, will receive a busy tone. When a customer subscribes to bursting they are billed for the base quantity of 10 unless they have an</p>	N/A	\$9.82	Each	Yes	No	Required
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#	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
				<p>event of higher than normal call volume. That 11th call, and up to 50% more than the base for a total of 15 CCPs, will be connected without the need for Granite's intervention. The amount of call paths that burst above the base number will be billed for the month in which they are used (in the example above a total of 11 will be billed) and return to the normally billed amount the following month.</p>						

#	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	DID	DID_GRT_1		Direct Inward Dial numbers are telephone numbers that can be assigned to end users on a Private Branch Exchange of a customer that subscribes to a trunking service to access the PSTN. These numbers are globally unique and allow inbound calling to be delivered to users of a PBX individually or as a primary pilot number within the PBX to reach a hunt group or an auto attendant. DID numbers can be ordered individually but are usually ordered in blocks of 20 or 100.	N/A	\$0.29	Each	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
14	EPIK POTS Replacement Service	EPIK_GRT_1		A Plain Old Telephone Service (POTS) replacement service that replaces landlines with an LTE device to make and receive telephone calls using standard analog telephones. The service includes 1 GB LTE Plan per location, access fee per line, and Granite Guardian - Wireless Managed Service per location. Standard	N/A	\$58.93	Per Line	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
				installation fee is \$499.00 per location, (EPIK_GRT_2). Cross connect with wiring may incur additional expense. Customer can elect to self-install pre-activated units.						
15	EPIK POTS Replacement Installation	EPIK_GRT_2		Installation fee for EPIK POTS Replacement Service for each new location.	\$499.00	N/A	Per location	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
16	ePRI	ePRI_GRT_1		Emulated PRI (ePRI) service is functionally equivalent to legacy Time Division Multiplexing (TDM) Primary Rate Interface (PRI) service. The ePRI service is an all-digital networking service that provides a high-speed, intelligent connection to the PSTN. An ePRI consists of dedicated digital loop access between the local switching facility and the customer premise using Local Access transport facilities.	N/A	\$383.12	Each	Yes	No	Required

29.2.6 Converged Calling Requirements

29.2.6.3 Converged VoIP Off-Net Toll-Free Services

Contractor's Description of Service:

Granite's Converged VoIP Off-Net Toll-Free service allows CALNET Customers to make and receive off-net toll-free calls from the 50 United States, the District of Columbia, the U.S. Virgin Islands, and Puerto Rico.

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 29.2.6.3.a – Converged VoIP Off-Net Toll-Free

#	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	Converged VoIP Off-Net Toll-Free	CVV_TFS_GR T_1	Allows a Customer to receive off-net toll-free calls from the 50 United States, the District Of Columbia, the Virgin Islands, and Puerto Rico.		\$0.07	N/A	Minute	Yes	No	Required

29.2.6.4 Converged International Off-Net Calling

29.2.6.4.1 International Mobile Termination Charges (IMTC)

29.2.6.4.2 U.S. Based Services Waiver

Contractor's Description of Service:

Granite's Converged VoIP International provides Converged VoIP users Off-Net Calling to the countries listed in Table 29.2.6.4.a of the CALNET contract.

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 29.2.6.4.a – Converged VoIP International Peak Time Off-Net Calling

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	CVV_IP_GRT_1	\$0.1445	Minute	Yes	No	Required
2	Canada	CVV_IP_GRT_2	\$0.099	Minute	Yes	No	Required
3	China	CVV_IP_GRT_3	\$0.52	Minute	Yes	No	Required
4	France	CVV_IP_GRT_4	\$0.0348	Minute	Yes	No	Required
5	Germany	CVV_IP_GRT_5	\$0.0565	Minute	Yes	No	Required
6	Israel	CVV_IP_GRT_6	\$0.0478	Minute	Yes	No	Required
7	Italy	CVV_IP_GRT_7	\$0.0653	Minute	Yes	No	Required
8	Japan	CVV_IP_GRT_8	\$0.1073	Minute	Yes	No	Required
9	Korea	CVV_IP_GRT_9	\$2.481	Minute	Yes	No	Required
10	Mexico	CVV_IP_GRT_10	\$0.2975	Minute	Yes	No	Required
11	Spain	CVV_IP_GRT_11	\$0.0495	Minute	Yes	No	Required
12	Switzerland	CVV_IP_GRT_12	\$0.1968	Minute	Yes	No	Required
13	United Kingdom	CVV_IP_GRT_13	\$0.168	Minute	Yes	No	Required

Table 29.2.6.4.c – Converged VoIP International Off-Peak Off-Net Calling

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	CVV_IOP_GRT_1	\$0.1445	Minute	Yes	No	Required
2	Canada	CVV_IOP_GRT_2	\$0.099	Minute	Yes	No	Required
3	China	CVV_IOP_GRT_3	\$0.52	Minute	Yes	No	Required
4	France	CVV_IOP_GRT_4	\$0.0348	Minute	Yes	No	Required
5	Germany	CVV_IOP_GRT_5	\$0.0565	Minute	Yes	No	Required
6	Israel	CVV_IOP_GRT_6	\$0.0478	Minute	Yes	No	Required
7	Italy	CVV_IOP_GRT_7	\$0.0653	Minute	Yes	No	Required
8	Japan	CVV_IOP_GRT_8	\$0.1073	Minute	Yes	No	Required
9	Korea	CVV_IOP_GRT_9	\$2.481	Minute	Yes	No	Required
10	Mexico	CVV_IOP_GRT_10	\$0.2975	Minute	Yes	No	Required
11	Spain	CVV_IOP_GRT_11	\$0.0495	Minute	Yes	No	Required
12	Switzerland	CVV_IOP_GRT_12	\$0.1968	Minute	Yes	No	Required
13	United Kingdom	CVV_IOP_GRT_13	\$0.168	Minute	Yes	No	Required

Table 29.2.6.4.e – Converged VoIP International IMTC Off-Net Calling

#	Country	Contractor's Product ID	Non-Recurring Charge	Unit of Measure	SAAF Applied (Yes/No)	Delegation Needed (Yes/No)	Required or Discretionary
1	Brazil	CVV_IMTC_GRT_1	\$1.1798	Minute	Yes	No	Required
2	Canada	CVV_IMTC_GRT_2	\$0.099	Minute	Yes	No	Required
3	China	CVV_IMTC_GRT_3	\$0.52	Minute	Yes	No	Required
4	France	CVV_IMTC_GRT_4	\$1.54	Minute	Yes	No	Required
5	Germany	CVV_IMTC_GRT_5	\$0.8038	Minute	Yes	No	Required
6	Israel	CVV_IMTC_GRT_6	\$0.4283	Minute	Yes	No	Required
7	Italy	CVV_IMTC_GRT_7	\$1.9255	Minute	Yes	No	Required
8	Japan	CVV_IMTC_GRT_8	\$0.713	Minute	Yes	No	Required
9	Korea	CVV_IMTC_GRT_9	\$2.481	Minute	Yes	No	Required
10	Mexico	CVV_IMTC_GRT_10	\$0.7385	Minute	Yes	No	Required
11	Spain	CVV_IMTC_GRT_11	\$0.913	Minute	Yes	No	Required
12	Switzerland	CVV_IMTC_GRT_12	\$2.8568	Minute	Yes	No	Required
13	United Kingdom	CVV_IMTC_GRT_13	\$1.2998	Minute	Yes	No	Required

29.2.7 Converged VoIP Voice Mail Services

29.2.7.1 Converged VoIP Voice Mail Service Features

Contractor's Description of Service:

Granite's Converged VoIP Voice Mail services allows callers to leave a message for End-Users to retrieve later.

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 29.2.7.a – Converged VoIP Voice Mail 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	Converged VoIP Voice Mail Service	CVV_VM_G RT_1	Converged VoIP Voice Mail Service with the minimum feature requirements.		\$0.00	\$3.99	Each	Yes	No	Required

29.3 OTHER SERVICES

29.3.2 Services Related Infrastructure (SRI)

29.3.2.1 Extended Demarcation Wiring Services

Contractor's Description of Service:

Granite's Extended Demarcation (Extended Demarc) wiring supports Converged VoIP services for all of the Customer occupied buildings where Converged VoIP services are being offered. 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 Granite's Minimum Point of Entry (MPOE).

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 29.3.2.1 – 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.	\$358.17	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.	\$448.17	N/A	Installation	No	No	Required
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.	\$782.74	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
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, testing, and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2232.91	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	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, testing, and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2520.91	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	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, testing, and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2837.48	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
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, testing and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$2615.11	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	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, testing and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$3083.11	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	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, testing and labeling.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$3579.67	N/A	Installation	No	No	Required

29.3.3 Services Related Hourly Support

Contractor’s Description of Service:

Granite’s Services Related Hourly Support provides labor for the diagnosis and/or repair of Converged VoIP services unless it is specifically determined that the cause of service failure is outside the scope of the Granite’s responsibilities.

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 29.3.3 –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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$72.00	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	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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$108.00	N/A	Hour	Yes	No	Required
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.	To provide this service, Granite assumes customer has adequate pathways. Programming of electronic equipment is not included.	\$144.00	N/A	Hour	Yes	No	Required

29.3.4 Migration Professional Services

Contractor’s Description of Service:

Granite Professional Services supports the migration of Customer telephone services. This service is limited to efforts related to the migration from one CALNET service to another CALNET service. Some examples are assistance with Customer telephone data, number porting, site surveys, site audits, inventory, and record management.

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 29.3.4.a – Migration Professional 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	Migration Technical Services Support I - Standard Regular Hours	MTS_GRT_1	Technical Services Support I for Central Office Exchange Migration only – Regular Hours		\$74.47	N/A	Hour	Yes	No	Required
2	Migration Technical Services Support I - Overtime Hours	MTS_GRT_2	Technical Services Support I for Central Office Exchange Migration only - Overtime Hours		\$110.47	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	Migration Technical Services Support I – Sunday and Holiday Hours	MTS_GRT_3	Technical Services Support I for Central Office Exchange Migration only – Sunday and Holiday Hours		\$146.47	N/A	Hour	Yes	No	Required
4	Migration Technical Services Support II - Regular Hours	MTS_GRT_4	Technical Services Support II for Central Office Exchange Migration only – Regular Hours		\$83.33	N/A	Hour	Yes	No	Required
5	Migration Technical Services Support II - Overtime Hours	MTS_GRT_5	Technical Services Support II for Central Office Exchange Migration only – Overtime Hours		\$119.33	N/A	Hour	Yes	No	Required
6	Migration Technical Services Support II – Sunday and Holiday Hours	MTS_GRT_6	Technical Services Support II for Central Office Exchange Migration only – Sunday and Holiday Hours		\$155.33	N/A	Hour	Yes	No	Required
7	Migration Network Engineer – Regular Hours	MTS_GRT_7	Network Engineer for Central Office Exchange Migration only – Regular Hours		\$87.09	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
8	Migration Network Engineer – Overtime Hours	MTS_GRT_8	Network Engineer for Central Office Exchange Migration only – Overtime Hours		\$123.09	N/A	Hour	Yes	No	Required
9	Migration Network Engineer – Sunday and Holiday Hours	MTS_GRT_9	Network Engineer for Central Office Exchange Migration only – Sunday and Holiday Hours		\$159.09	N/A	Hour	Yes	No	Required
10	Migration Professional Services - Senior Engineer – Regular Hours	MTS_GRT_10	Professional Services - Senior Engineer for Central Office Exchange Migration only – Regular Hours		\$90.86	N/A	Hour	Yes	No	Required
11	Migration Professional Services Principal Architect I – Regular Hours	MTS_GRT_11	Professional Services Principle Architect I for Central Office Exchange Migration only – Regular Hours		\$109.41	N/A	Hour	Yes	No	Required
12	Migration Professional Services - Principal Architect II – Regular Hours	MTS_GRT_12	Professional Services - Principal Architect II for Central Office Exchange Migration only – Regular Hours		\$154.85	N/A	Hour	Yes	No	Required