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Data Networks and Communications Services
CATEGORY 30 – Broadband with Internet Service

Granite Telecommunications, LLC

CATALOG B

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Category 30 –Broadband with Internet Service

30.2 Broadband with Internet Service

30.2.5.2 Broadband with Internet Service

Contractor’s Description of Service:

Standard always-on commodity internet services for businesses which is delivered over high speed DSL or cable networks. All access circuits and modem hardware needed for full internet connectivity is provided.

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 30.2.5.2.a – Broadband with Internet Service

| # | 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 | BIS at 1 Mbps | BB_GRT_1 | Broadband with Internet Service at 1 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 128 Kbps Product Description: Broadband with Internet Service at 1 Mbps | \$0.00 | \$58.99 | Each | Yes | Yes | Required |
| 2 | BIS at 5 Mbps | BB_GRT_2 | Broadband with Internet Service at 5 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber | \$0.00 | \$74.99 | 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 |
|---|----------------|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| | | | | Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 768 Kbps Product Description: Broadband with Internet Service at 5 Mbps | | | | | | |
| 3 | BIS at 10 Mbps | BB_GRT_3 | Broadband with Internet Service at 10 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 750 Kbps Product Description: Broadband with Internet Service at 10 Mbps | \$0.00 | \$79.99 | Each | Yes | Yes | Required |
| 4 | BIS at 15 Mbps | BB_GRT_4 | Broadband with Internet Service at 15 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 750 Kbps Product Description: Broadband with Internet Service at 15 Mbps | \$0.00 | \$85.99 | Each | Yes | Yes | Required |
| 5 | BIS at 25 Mbps | BB_GRT_5 | Broadband with Internet Service at 25 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access | \$0.00 | \$99.99 | 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 |
|---|-----------------|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| | | | | Protocol: Point-to-Point IPv4/v6 Upload Speed: 2 Mbps Product Description: Broadband with Internet Service at 25 Mbps | | | | | | |
| 6 | BIS at 50 Mbps | BB_GRT_6 | Broadband with Internet Service at 50 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 4 Mbps Product Description: Broadband with Internet Service at 50 Mbps | \$0.00 | \$129.99 | Each | Yes | Yes | Required |
| 7 | BIS at 75 Mbps | BB_GRT_7 | Broadband with Internet Service at 75 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 5 Mbps Product Description: Broadband with Internet Service at 75 Mbps | \$0.00 | \$159.99 | Each | Yes | Yes | Required |
| 8 | BIS at 100 Mbps | BB_GRT_8 | Broadband with Internet Service at 100 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 10 Mbps | \$0.00 | \$199.99 | 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 |
|----|-----------------|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| | | | | Product Description: Broadband with Internet Service at 100 Mbps | | | | | | |
| 9 | BIS at 200 Mbps | BB_GRT_9 | Broadband with Internet Service at 200 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 10 Mbps Product Description: Broadband with Internet Service at 200 Mbps | \$0.00 | \$224.99 | Each | Yes | Yes | Required |
| 10 | BIS at 250 Mbps | BB_GRT_10 | Broadband with Internet Service at 250 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 15 Mbps Product Description: Broadband with Internet Service at 250 Mbps | \$0.00 | \$249.99 | Each | Yes | Yes | Required |
| 11 | BIS at 500 Mbps | BB_GRT_11 | Broadband with Internet Service at 500 Mbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 20 Mbps Product Description: Broadband with Internet Service at 500 Mbps | \$0.00 | \$399.99 | 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 | BIS at 1 Gbps | BB_GRT_12 | Broadband with Internet Service at 1 Gbps | Access/Connectivity Type: Cable Internet, DSL, Fiber Network Interface Type: Coaxial Cable Access, xDSL Access, Optical Fiber Access Protocol: Point-to-Point IPv4/v6 Upload Speed: 30Mbps Product Description: Broadband with Internet Service at 1 Gbps | \$0.00 | \$449.99 | Each | Yes | Yes | Required |

30.2.5.3 Static IP Address

Contractor’s Description of Service:

A persistent internet protocol address provided in blocks of 4, 8, 16, 32, and more if justification is provided, that allows an agency to maintain a static location within the global internet in order to provide a single place for traffic such as email, web hosting, VPN concentration, and other services.

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 30.2.5.3.a – Static IP Address

| # | 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 | Single Static IP Address | BB_IP_GRT_1 | Single Static assigned IPv4 or IPv6 Address | | \$0.00 | \$19.99 | Each | Yes | Yes | Required |

30.2.8 Additional Broadband with Internet Services and Features

Contractor’s Description of Service:

Devices and services listed in section 30.2.8 ‘Additional Broadband with Internet Services and Features’ include cellular data connectivity hardware and data plans. This allows CALNET users to have internet-based connectivity to sites that do not have wireline services available or as a backup connection that allows the CALNET agency a non-wireline backup circuit to the primary Broadband connectivity. In addition to site based Internet access, the additional devices and services allows for vehicle based mounting for Fleet management and mobile WIFI deployments for multi-passenger vehicles. Hardware listed includes building and mobile devices and configurations for flexibility of implementation options. An additional feature of 30.2.8 allows the paring of other services in additional CALNET categories to build a robust network infrastructure that is flexible and robust, such as SD-WAN.

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 30.2.8 – Additional Broadband with Internet 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 | 1 GB -- Pooled Plan - Data, Hotspot, and Tablet | LTE_GRT_1 | The 1GB pooled plan includes 1GB of data per month, which may be shared by all users on the account. Granite’s Data, Hotspot, and Tablet Plan offers all 4 major US and multiple Canadian/International Mobile Operators available on one platform. | Granite’s price includes its dedicated Premier support team that helps our customers manage their data usage through Cross Carrier Pooling, Proactive alerts and the ability to customize billing and provide customized reports. | N/A | \$29.46 | 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 | 5 GB -- Pooled Plan - Data, Hotspot, and Tablet | LTE_GRT_2 | The 5GB pooled plan includes 5GB of data per month, which may be shared by all users on the account. Granite's Data, Hotspot, and Tablet Plan offers all 4 major US and multiple Canadian/International Mobile Operators available on one platform. | Granite's price includes its dedicated Premier support team that helps our customers manage their data usage through Cross Carrier Pooling, Proactive alerts and the ability to customize billing and provide customized reports. | N/A | \$58.93 | Each | Yes | Yes | Required |
| 3 | NetCloud License Load | LTE_GRT_213 | Factory Load NetCloud License file | | \$26.02 | N/A | Each | Yes | Yes | Required |
| 4 | Cat 4 LTE modem (for AER series, ARC CBA850, and COR series products with dock) | LTE_GRT_216 | Cat 4 LTE modem (for AER series, ARC CBA850, and COR series products with dock) | | \$227.63 | N/A | 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 | LTE Advanced (Cat 6) modem (for AER1600/1650, 2100, AER3100/3150, CBA850, and COR series products with dock) | LTE_GRT_217 | LTE Advanced (Cat 6) modem (for AER1600/1650, 2100, AER3100/3150, CBA850, and COR series products with dock) | | \$365.85 | N/A | Each | Yes | Yes | Required |
| 6 | LTE Advanced (600 Mbps) modem for AT&T/FirstNet | LTE_GRT_218 | LTE Advanced (600 Mbps) modem for AT&T/FirstNet | | \$447.15 | N/A | Each | Yes | Yes | Required |
| 7 | LTE Advanced Pro (1200Mbps) modem upgrade for Branch. Includes AER2200 & AER1600 doors and 4 black antennas | LTE_GRT_219 | LTE Advanced Pro (1200Mbps) modem upgrade for Branch. Includes AER2200 & AER1600 doors and 4 black antennas | | \$487.80 | N/A | 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 | LTE Advanced Pro (1200Mbps) modem upgrade for LTE Branch Adapter. Includes CBA850 door and 4 white antennas | LTE_GRT_220 | LTE Advanced Pro (1200Mbps) modem upgrade for LTE Branch Adapter. Includes CBA850 door and 4 white antennas | | \$487.80 | N/A | Each | Yes | Yes | Required |
| 9 | LTE Advanced Pro (1200Mbps) modem upgrade for Mobile. Includes IBR1700 & COR Dock doors, no antennas | LTE_GRT_221 | LTE Advanced Pro (1200Mbps) modem upgrade for Mobile. Includes IBR1700 & COR Dock doors, no antennas | | \$487.80 | N/A | 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 | LTE Advanced Pro (1200Mbps) modem upgrade for Branch. Includes AER2200 & AER1600 doors and 4 black antennas | LTE_GRT_222 | LTE Advanced Pro (1200Mbps) modem upgrade for Branch. Includes AER2200 & AER1600 doors and 4 black antennas | | \$487.80 | N/A | Each | Yes | Yes | Required |
| 11 | LTE Advanced Pro (1200Mbps) modem upgrade for LTE Branch Adapter. Includes CBA850 door and 4 white antennas | LTE_GRT_223 | LTE Advanced Pro (1200Mbps) modem upgrade for LTE Branch Adapter. Includes CBA850 door and 4 white antennas | | \$487.80 | N/A | 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 | LTE Advanced Pro (1200Mbps) modem upgrade for Mobile. Includes IBR1700 & COR Dock doors, no antennas | LTE_GRT_224 | LTE Advanced Pro (1200Mbps) modem upgrade for Mobile. Includes IBR1700 & COR Dock doors, no antennas | | \$487.80 | N/A | Each | Yes | Yes | Required |
| 13 | SIM, Verizon 2FF can be activated on Verizon Retail or VPP account | LTE_GRT_225 | SIM, Verizon 2FF can be activated on Verizon Retail or VPP account | | \$8.13 | N/A | Each | Yes | Yes | Required |
| 14 | SIM, AT&T 2FF AT&T Retail or AT&T APEX (Partner Exchange) rate plans. Not compatible with AT&T IoT/Jasper or FirstNet platform based accounts | LTE_GRT_226 | SIM, AT&T 2FF AT&T Retail or AT&T APEX (Partner Exchange) rate plans. Not compatible with AT&T IoT/Jasper or FirstNet platform based accounts | | \$8.13 | N/A | 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 |
|----|---|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 15 | SIM, T-Mobile 2FF Retail Triple Punch SIM SKU ZZZ260R060 | LTE_GRT_227 | SIM, T-Mobile 2FF Retail Triple Punch SIM SKU ZZZ260R060 | | \$8.13 | N/A | Each | Yes | Yes | Required |
| 16 | SIM, Sprint SIMGLW106Q 2FF Retail for LP6 | LTE_GRT_228 | SIM, Sprint SIMGLW106Q 2FF Retail for LP6 | | \$8.13 | N/A | Each | Yes | Yes | Required |
| 17 | LTE MIMO 2x2 antenna, indoor/outdoor | LTE_GRT_229 | LTE MIMO 2x2 antenna, indoor/outdoor | | \$121.94 | N/A | Each | Yes | Yes | Required |
| 18 | 10.5dBi 700 MHz - 2700 MHz wide band directional antenna (Yagi/Log-Periodic) for outside mounting | LTE_GRT_230 | 10.5dBi 700 MHz - 2700 MHz wide band directional antenna (Yagi/Log-Periodic) for outside mounting | | \$81.29 | N/A | Each | Yes | Yes | Required |
| 19 | Omni directional antenna, indoor/outdoor | LTE_GRT_231 | Omni directional antenna, indoor/outdoor | | \$121.94 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 20 | 12" mag-mount antenna with SMA male connector, 12.5 foot cable | LTE_GRT_232 | 12" mag-mount antenna with SMA male connector, 12.5 foot cable | | \$36.58 | N/A | Each | Yes | Yes | Required |
| 21 | 4" Mini mag-mount antennas with SMA male connector, 12.5 foot cable | LTE_GRT_233 | 4" Mini mag-mount antennas with SMA male connector, 12.5 foot cable | | \$24.38 | N/A | Each | Yes | Yes | Required |
| 22 | GPS-GLONASS screw mount antenna with 3M cable | LTE_GRT_234 | GPS-GLONASS screw mount antenna with 3M cable | | \$81.29 | N/A | Each | Yes | Yes | Required |
| 23 | GPS-GLONASS mag-mount antenna with 3M cable | LTE_GRT_235 | GPS-GLONASS mag-mount antenna with 3M cable | | \$28.45 | N/A | Each | Yes | Yes | Required |
| 24 | 3-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) screw mount antenna with 3M cables | LTE_GRT_236 | 3-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) screw mount antenna with 3M cables | | \$304.87 | N/A | 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 |
|----|---|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 25 | 3-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) adhesive mount antenna with 2M cables | LTE_GRT_237 | 3-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) adhesive mount antenna with 2M cables | | \$146.33 | N/A | Each | Yes | Yes | Required |
| 26 | 5-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) & two WiFi 2.4/5GHz WiFi screw mount antenna with 3M cables | LTE_GRT_238 | 5-in-1 GPS-GLONASS & two cellular (3G/4G/LTE) & two WiFi 2.4/5GHz WiFi screw mount antenna with 3M cables | | \$325.20 | N/A | Each | Yes | Yes | Required |
| 27 | Low profile 5-in-1 MIMO LTE, MIMO WiFi (2.4/5Ghz), & GPS screw mount antenna with 5M cables | LTE_GRT_239 | Low profile 5-in-1 MIMO LTE, MIMO WiFi (2.4/5Ghz), & GPS screw mount antenna with 5M cables | | \$325.20 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 28 | White, 700MHz-2.7 GHz 3G/4G/LTE 2dBi/3dBi antenna with SMA connector (1x) | LTE_GRT_240 | White, 700MHz-2.7 GHz 3G/4G/LTE 2dBi/3dBi antenna with SMA connector (1x) | | \$12.19 | N/A | Each | Yes | Yes | Required |
| 29 | Black, 700MHz-2.7 GHz LTE/4G/3G 2dBi/3dBi 5" antenna with SMA connector (1x) | LTE_GRT_241 | Black, 700MHz-2.7 GHz LTE/4G/3G 2dBi/3dBi 5" antenna with SMA connector (1x) | | \$11.37 | N/A | Each | Yes | Yes | Required |
| 30 | Mini black, 600MHz-2.7 GHz LTE/4G/3G 4.5" 2/3 dBi antenna with SMA connector (1x) | LTE_GRT_242 | Mini black, 600MHz-2.7 GHz LTE/4G/3G 4.5" 2/3 dBi antenna with SMA connector (1x) | | \$10.56 | N/A | Each | Yes | Yes | Required |
| 31 | Black, Universal 600MHz-6GHz 3G/4G/LTE 2dBi/3dBi 6" antenna with SMA connector (1x) | LTE_GRT_243 | Black, Universal 600MHz- 6GHz 3G/4G/LTE 2dBi/3dBi 6" antenna with SMA connector (1x) | | \$12.19 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 32 | White, Universal 600MHz-6GHz 3G/4G/LTE 2dBi/3dBi 6" antenna with SMA connector (1x) | LTE_GRT_244 | White, Universal 600MHz-6GHz 3G/4G/LTE 2dBi/3dBi 6" antenna with SMA connector (1x) | | \$12.19 | N/A | Each | Yes | Yes | Required |
| 33 | White, 600MHz-2.7 GHz LTE/4G/3G 4.5" 2/3 dBi antenna with SMA connector (1x) CBA550 replacement | LTE_GRT_245 | White, 600MHz-2.7 GHz LTE/4G/3G 4.5" 2/3 dBi antenna with SMA connector (1x) CBA550 replacement | | \$10.56 | N/A | Each | Yes | Yes | Required |
| 34 | Dual-band 2.4/5.0 GHz external WiFi antenna for AER3100, AER2100, IBR900, IBR1100 (single antenna) | LTE_GRT_246 | Dual-band 2.4/5.0 GHz external WiFi antenna for AER3100, AER2100, IBR900, IBR1100 (single antenna) | | \$12.19 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 35 | Car charger for 12V product for CBA750B, CBA850, MBR1400 and MBR1200B | LTE_GRT_247 | Car charger for 12V product for CBA750B, CBA850, MBR1400 and MBR1200B | | \$20.32 | N/A | Each | Yes | Yes | Required |
| 36 | Vehicle power adapter for COR | LTE_GRT_248 | Vehicle power adapter for COR | | \$20.32 | N/A | Each | Yes | Yes | Required |
| 37 | Standard replacement 3A power supply for AER1600/AER1650/CBA850 | LTE_GRT_249 | Standard replacement 3A power supply for AER1600/AER1650/CBA850 | | \$24.38 | N/A | Each | Yes | Yes | Required |
| 38 | COR IBR1100/IBR1150 and IBR900/IBR950 extended temperature (-30C to 70C) power supply (line cord not included) | LTE_GRT_250 | COR IBR1100/IBR1150 and IBR900/IBR950 extended temperature (-30C to 70C) power supply (line cord not included) | | \$56.90 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 39 | AER2200, AER31x0 54V 2.22A (60W PoE budget) power supply (C14 line cord not included) | LTE_GRT_251 | AER2200, AER31x0 54V 2.22A (60W PoE budget) power supply (C14 line cord not included) | | \$81.29 | N/A | Each | Yes | Yes | Required |
| 40 | AER2200 high power supply for up to 4 ports of PoE+ .at (30W) power (120W PoE budget) (C14 line cord not included) | LTE_GRT_252 | AER2200 high power supply for up to 4 ports of PoE+ .at (30W) power (120W PoE budget) (C14 line cord not included) | | \$121.94 | N/A | Each | Yes | Yes | Required |
| 41 | COR IBR1700, IBR900/IBR950, IBR600B/IBR650 B, IBR600C/IBR650C power supply for North America (-20C to 60C) | LTE_GRT_253 | COR IBR1700, IBR900/IBR950, IBR600B/IBR650B, IBR600C/IBR650C power supply for North America (-20C to 60C) | | \$20.32 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 42 | COR IBR1700, IBR900/IBR950 power supply includes US, EU, UK, AU Adapter (-20C to 60C) | LTE_GRT_254 | COR IBR1700, IBR900/IBR950 power supply includes US, EU, UK, AU Adapter (-20C to 60C) | | \$20.32 | N/A | Each | Yes | Yes | Required |
| 43 | PoE Injector (powers AP22, CBA850) includes US line cord (C6) | LTE_GRT_255 | PoE Injector (powers AP22, CBA850) includes US line cord (C6) | | \$32.51 | N/A | Each | Yes | Yes | Required |
| 44 | US line cord for COR extended temperature power supplies (C8) | LTE_GRT_256 | US line cord for COR extended temperature power supplies (C8) | | \$8.12 | N/A | Each | Yes | Yes | Required |
| 45 | US line cord for AER3100/AER3150, AER2200 high power 60W & 120W PoE budget, power supplies (C14) | LTE_GRT_257 | US line cord for AER3100/AER3150, AER2200 high power 60W & 120W PoE budget, power supplies (C14) | | \$8.12 | N/A | 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 |
|----|---|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 46 | 3 meter power and GPIO cable (direct wire) for IBR1700, IBR11x0, IBR9x0, IBR6x0, IBR6x0B, IBR6x0C | LTE_GRT_258 | 3 meter power and GPIO cable (direct wire) for IBR1700, IBR11x0, IBR9x0, IBR6x0, IBR6x0B, IBR6x0C | | \$11.78 | N/A | Each | Yes | Yes | Required |
| 47 | 9 wire GPIO cable for IBR6x0B, IBR6x0C and IBR9x0. Adds 4 GPIO, 2nd ignition sense, redundant power | LTE_GRT_259 | 9 wire GPIO cable for IBR6x0B, IBR6x0C and IBR9x0. Adds 4 GPIO, 2nd ignition sense, redundant power | | \$40.64 | N/A | Each | Yes | Yes | Required |
| 48 | AER rack mount flexible cellular antenna lead for 2nd modem or active GPS (1x) | LTE_GRT_260 | AER rack mount flexible cellular antenna lead for 2nd modem or active GPS (1x) | | \$16.25 | N/A | Each | Yes | Yes | Required |
| 49 | Serial DB9 to GPIO cable, 3 meters | LTE_GRT_261 | Serial DB9 to GPIO cable, 3 meters | | \$14.63 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 50 | RJ45 rollover serial console cable 7ft | LTE_GRT_262 | RJ45 rollover serial console cable 7ft | | \$8.12 | N/A | Each | Yes | Yes | Required |
| 51 | RJ45 rollover serial console cable 14ft | LTE_GRT_263 | RJ45 rollover serial console cable 14ft | | \$11.37 | N/A | Each | Yes | Yes | Required |
| 52 | Demo 2x10 GPIO cable for COR Extensibility Dock | LTE_GRT_264 | Demo 2x10 GPIO cable for COR Extensibility Dock | | \$40.64 | N/A | Each | Yes | Yes | Required |
| 53 | COR extensibility port to serial cable | LTE_GRT_265 | COR extensibility port to serial cable | | \$65.03 | N/A | Each | Yes | Yes | Required |
| 54 | OBD-II adapter kit for IBR1700 (includes one OBD-II adapter and one 15 foot Male/Male Null Modem DB9 serial cable) | LTE_GRT_266 | OBD-II adapter kit for IBR1700 (includes one OBD-II adapter and one 15 foot Male/Male Null Modem DB9 serial cable) | | \$202.44 | N/A | Each | Yes | Yes | Required |
| 55 | NEMA 4X enclosure, 12x10x6in, for ARC and COR | LTE_GRT_267 | NEMA 4X enclosure, 12x10x6in, for ARC and COR | | \$182.92 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 56 | Steel backplane, 12x10in, for ARC and COR NEMA enclosure | LTE_GRT_268 | Steel backplane, 12x10in, for ARC and COR NEMA enclosure | | \$24.38 | N/A | Each | Yes | Yes | Required |
| 57 | Strain relief connector with nut, for enclosure, 0.375-0.5in | LTE_GRT_269 | Strain relief connector with nut, for enclosure, 0.375-0.5in | | \$16.25 | N/A | Each | Yes | Yes | Required |
| 58 | DIN rail mounting bracket for IBR1100/IBR1150/IBR200 | LTE_GRT_270 | DIN rail mounting bracket for IBR1100/IBR1150/IBR200 | | \$24.38 | N/A | Each | Yes | Yes | Required |
| 59 | CBA850 wall / ceiling bracket | LTE_GRT_271 | CBA850 wall / ceiling bracket | | \$36.58 | N/A | Each | Yes | Yes | Required |
| 60 | Barrel to 4-pin power adapter (for COR products) | LTE_GRT_272 | Barrel to 4-pin power adapter (for COR products) | | \$6.50 | N/A | Each | Yes | Yes | Required |
| 61 | Rollover adapter for RJ45 Ethernet Cable M/F | LTE_GRT_273 | Rollover adapter for RJ45 Ethernet Cable M/F | | \$9.75 | N/A | 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 |
|----|---|-------------------------|---|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 62 | Mag mount kit for IBR11x0, IBR9x0, IBR6x0B, IBR350, IBR1100 Dual-Modem Dock, COR Extensibility Dock (includes 4 ring magnets, 4 M4 screws and 4 nuts) | LTE_GRT_274 | Mag mount kit for IBR11x0, IBR9x0, IBR6x0B, IBR350, IBR1100 Dual-Modem Dock, COR Extensibility Dock (includes 4 ring magnets, 4 M4 screws and 4 nuts) | | \$12.19 | N/A | Each | Yes | Yes | Required |
| 63 | Dual-modem dock for IBR1100/IBR1150 series routers | LTE_GRT_275 | Dual-modem dock for IBR1100/IBR1150 series routers | | \$105.68 | N/A | Each | Yes | Yes | Required |
| 64 | COR extensibility dock for IBR600B/IBR650B, IBR600C/IBR650C and IBR900/IBR950 series routers | LTE_GRT_276 | COR extensibility dock for IBR600B/IBR650B, IBR600C/IBR650C and IBR900/IBR950 series routers | | \$146.33 | N/A | 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 |
|----|--|-------------------------|--|--|-------------------------------|--|-----------------|-----------------------|----------------------------|---------------------------|
| 65 | Rack-mount kit for AER2200 (includes 2 wing brackets and 8 M4 screws) | LTE_GRT_277 | Rack-mount kit for AER2200 (includes 2 wing brackets and 8 M4 screws) | | \$28.45 | N/A | Each | Yes | Yes | Required |
| 66 | Rack-mount kit for IBR1700 (includes 2 wing brackets and 4 M4 screws) | LTE_GRT_278 | Rack-mount kit for IBR1700 (includes 2 wing brackets and 4 M4 screws) | | \$28.45 | N/A | Each | Yes | Yes | Required |
| 67 | Rack-mount kit for CR4250 (includes 2 wing brackets and 8 M3x5 screws) | LTE_GRT_279 | Rack-mount kit for CR4250 (includes 2 wing brackets and 8 M3x5 screws) | | \$56.90 | N/A | Each | Yes | Yes | Required |
| 68 | Rugged, enterprise-class, router with embedded LTE Advanced (Cat 6) modem and WiFi for all CALNET Cellular Providers | LTE_GRT_280 | Rugged, enterprise-class, router with embedded LTE Advanced (Cat 6) modem and WiFi for all CALNET Cellular Providers | | \$731.70 | N/A | Each | Yes | Yes | Required |

30.4 OTHER SERVICES

30.4.1 Hourly Rates for 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 30.4.2.1 – 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 | Customer Premises Extension | NI_GRT_13 | Wiring services to extend Facilities from the Customer's MPOE to the Customer's point of utilization. | INSIDE WIRING, EXTENDED DEMARCATION, REGULAR HOURS (M-F; 8 AM – 5PM) | \$397.97 | N/A | Installation | No | No | Required |

30.4.3 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 30.4.3 – 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. | \$80.00 | 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. | \$120.00 | 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. | \$160.00 | N/A | Hour | Yes | No | Required |