

### SPECIFICATIONS CONDITIONS:

1. The Bidder must provide a Technical Proposal that describes how the service will be provisioned and how it meets the specifications above.
2. The Bidder must provide a Technical Proposal that describes in detail how network traffic from GCC to the Bidder and to a Tier 1 upstream provider will be shaped to assure service level requirements as indicated above. The Bidder must include a detailed description of the specific traffic management, shaping technology, methodology and ISP policies that are involved.
3. The Bidder must provide a Technical Proposal that describes its overall Internet capacity to the United States and Asia and how such capacity is provisioned to the GCC.
4. The service level must be upheld and monitored by Bidders on a regular basis. Any failure to meet the specifications shall result in a reduction of 5% of the current Monthly Recurring Cost (MRC) for each day that the service level is not met.
5. The Bidder shall provision services within 30 calendar days of receipt of either Notification to Proceed, or the Purchase Order.
6. The Guam Community College is considering a service term of 1 year with the option to extend for 3 additional years at 1 year increments.

Guam Community College  
Multiple Broadband Internet Services  
BID SPECIFICATIONS

BID SPECIFICATIONS DESCRIPTION:

The Guam Community College requires Internet connectivity services. These services will be for the main Mangilao campus and provided in the form of three physical connections located in two separate buildings on the campus, to be established from two separate carriers/ISP (Internet Service Provider) that do NOT own, control, share, or use the same local physical network infrastructure, facilities, cabling paths, and conduits. This separation of carriers is a requirement for the college's protection against catastrophic failure from accidental construction digs, acts of God, or any other unintended destruction of bidder's network infrastructure. This is not an all or none bid and the two of the most responsive and responsible bidders having met the aforementioned requirements will be awarded.

GENERAL OVERALL BID SPECIFICATIONS:

Connections #1 and #2 at Main Distribution Frame #1 (MDF #1)
1. GCC Requires a 20Mbps MetroEthernet Service (MDF - Main Distribution Frame #1)
2. GCC Requires a 60Mbps MetroEthernet Service (MDF - Main Distribution Frame #1)
NOTE: Connections #1 and #2 above MUST NOT be the same bidder

Connection #3 at Main Distribution Frame #2 (MDF #2)
3. GCC Requires a 30Mbps MetroEthernet Service (MDF - Main Distribution Frame #2)

1. Bidder MUST submit a price quote on a per 1 (one) Megabit Per Second (Mbps), a single rate to be applied to connections at 60Mbps & 30Mbps (Connections #2 & #3 at MDF #1 and MDF #2), and a second rate for the 20Mbps connection (Connection #1 at MDF #1).
2. Bidder with the most responsive, responsible, and lowest price will be awarded the 60Mbps and 30Mbps MetroEthernet Service (Connections #2 and #3 at MDF #1 and MDF #2).
3. Bidder with the most responsive, responsible, and second lowest price will be awarded the 20Mbps MetroEthernet Service (Connection #1 at MDF #1).
4. The 20Mbps and 60Mbps MetroEthernet Service (Connections #1 and #2 at MDF #1) will be located at the same campus building location but must not and cannot be bidders that own, control, share, or use the same local physical infrastructure as described above.
5. The 30Mbps MetroEthernet Service (Connection #3 at MDF #2) will be located in a building separate from the above 20Mbps and 60Mbps (Connections #1 and #2 at MDF #1) installation.

SPECIAL BID SPECIFICATIONS:

1. The Bidder must provide a service level that guarantees latency of less than 125 milliseconds, 5 or less hops to a Tier 1 ISP located off island, at the Mbps capacity selected and as provided for in the specification.
  - a. The Bidder shall describe how the Committed Information Rate (CIR) for access to the Tier1 Internet Service Provider in the Continental United States will be met.
  - b. The Bidder must have packet shaping technology that will ensure that GCC receives the capacity subscribed for.
  - c. The Bidder must provide a detailed description of the tools to monitor GCC's Quality of Service.
  - d. The Bidder must provide a web-based real-time tool to monitor the service level indicated above and the overall capacity of the ISP. The tool must provide real-time and historic information.
  - e. The Bidder shall provide a monthly traffic report that shows the overall hourly usage in Mbps of the Internet traffic on a daily basis.
  - f. The Bidder must electronically provide historic service usage file in Comma Separated Values (CSV) appropriate for further analysis.
2. The Bidder shall describe the policy for monitoring and provisioning Internet capacity to ensure quality service to Guam and to the GCC Mangilao Campus and shall adhere to this policy.
3. GCC requires that local Internet traffic stays local and must not use its off-island Broadband Internet capacity for local Internet connections, applications, email, video teleconferencing, and other Internet applications. Bidder must describe its framework on how this is being done and provide traced routes as evidence of adherence to this requirement.
4. The Internet Access will be configured at 20Mbps, 30Mbps, and 60Mbps for the three physical connections at two separate locations of the main Mangilao campus.
5. The Bidder must provide a static IP address for the 20Mbps, 30Mbps, and 60Mbps connections, as ordered for router point-to-point setup.
6. The Bidder must provide a description of its overall Internet capacity in Mbps to the United States and Asia, and how such capacity is provisioned.
7. The Bidder service must have a means to shape Internet traffic to ensure that GCC data is prioritized and meets the capacity provided for.
8. The Bidder must provide a web based access to monitor the usage of the Internet and a means to continuously monitor the Mbps of Internet traffic, dropped packets, and response times to the upstream provider in the continental United States.

9. The Bidder shall provide a monthly traffic report that shows the overall hourly usage in Mbps of the Internet traffic on a daily basis.
10. Bidder will establish a BGP (Border Gateway Protocol) peering session with GCC's edge router, and ensure GCC's route prefix is sent to all upstream providers. Bidder will not need to advertise the global routing table to GCC. A partial routing update with local routes and/or default route will be required.
11. Type of media required at handover at demarcation: The media entering the campus and building can be copper or fiber; however, the final handoff to GCC's router must be copper Ethernet.
12. These services, when or if the bid is awarded, will supersede or replace existing broadband Internet services agreements.
13. Three separate physical connections in two separate campus buildings are required, which means each link from GCC to-from the ISP/Carrier is independent from each other regardless of ISP/Carrier.
14. If either of the 60Mbps or 30Mbps connections go down, the vendor awarded those links will adjust its capacity on demand with its remaining connected link to accommodate the lost connection's bandwidth. In the case that both the 60Mbps and the 30Mbps links go down at the same time and for an expected duration of more than 24 hours, the other vendor awarded the 20Mbps will make an on-demand adjustment to accommodate a total of 110Mbps and charge according to its 1Mbps rate until the connections are restored. If the 20Mbps link goes down, then the other vendor awarded the 60Mbps and the 30Mbps connections can adjust either link by a 20Mbps increase and also charge according to its 1Mbps rate until connection is restored to the 20Mbps link. Upon restoration of a downed link, GCC will assess connectivity and then immediately inform all vendors involved to readjust all bandwidth capacity back to normal. If either vendor is involved in increasing its bandwidth to accommodate a total of 110Mbps, its prorated cost will be calculated and assessed as a reduction in cost against the vendor with the downed connection.

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### PC Computer Bid Specifications

#### ITEM #1

#### PC Desktop:

**Quantity: 1**

**Price:**

- ☒ Processor: Intel Core i7-2600 Processor, 3.4GHz, 8M Cache
  - ☒ Operating system: Windows 7 Professional 64 - English, with latest service pack
  - ☒ System Recovery DVD: Genuine Windows 7 Professional 64 - Recovery DVD – English
  - ☒ Windows XP Mode: Windows XP Mode Available and Supported - English
  - ☒ Form factor: Small Form Factor with Install-Ready Security Cable Lock Hole Feature
  - ☒ I/O ports: Front-side Mic/Headset ports, Two Front-side and Two Back-, Left-, or Right-side USB Ports
  - ☒ Memory speed: 1333MHz
  - ☒ RAM Memory Total: 8GB
  - ☒ Video adapter: Integrated Video Intel
  - ☒ Audio adapter: Integrated Audio Intel
  - ☒ Hard drive: 500GB, 7200RPM
  - ☒ DVD: DVD Recordable (with DVD Playback & Burner Software) for Win 7
  - ☒ Networking: Integrated Gigabit Ethernet Intel
  - ☒ Keyboard: Full Size - US English
  - ☒ Pointing device: Optical Mouse with Scroll Button
  - ☒ Speakers: Internal speaker
  - ☒ Power cord: Line Cord – US
  - ☒ Software: Microsoft Office Professional 2010 (Academic License Only)
  - ☒ Monitor: At least 22 inches wide LCD monitor with Install-Ready Security Cable Lock Hole Feature
  - ☒ Security: Security Cable Lock compatible to Install-Ready Lock Hole Feature of CPU and Monitor together
  - ☒ Energy Certification: Must be Energy Star and EPEAT (Electronic Product Environmental Assessment Tool) Registered
  - ☒ UPS: 750VA
  - ☒ Warranty: 3 Years parts and labor, Onsite Support Warranty, 3 Years Onsite Exchange
- Three years begins on date of delivery and vendor agrees to resolve problems under six (6) business days, starting from time of GCC service request and must provide equal or better replacement or equal or better loaner system if unable to meet six day response and resolution timeframe. Warranty covers UPS also.
- ☒ Vendor: Vendor is a Manufacturer-Authorized reseller of the computer equipment.
  - ☒ Equipment Manufacturer: Computer Equipment Manufacturer possesses current ISO Certification (Attach certification statement or provide website links to the computer equipment manufacturer's website that indicates this certification on the item.)
  - ☒ Vendor is partnered with or currently staffed with, A+ Certified technicians, or computer equipment manufacturer-certified technicians.

**ITEM #2****PC Laptop:****Quantity: 1****Price:**

- ☒ Intel Core i7-2640M processor, 2.80GHz, 4MB Cache with Intel Turbo Boost Technology
  - ☒ 8GB RAM
  - ☒ 500GB hard drive
  - ☒ DVD Burner with Playback and Burner Software
  - ☒ Gigabit Ethernet Connection
  - ☒ WLAN 11a/b/g/n, Intel
  - ☒ Built-In 720p Camera
  - ☒ At least 15.6" HD 1200 x 768 color with anti-glare
  - ☒ 9-Cell Battery
  - ☒ Windows 7 Professional with latest service pack installed
  - ☒ Software: Microsoft Office 2010 (Academic License Only)
  - ☒ Carrying case
  - ☒ Docking Station with Install-Ready Security Cable Lock Hole Feature
  - ☒ Security: Security Cable Lock compatible with Install-Ready Lock Hole Feature of Laptop and Docking Station together
  - ☒ Extra Laptop Battery, 9-Cell Lithium Ion or Equivalent of 9-Cell Installed Battery in Laptop
  - ☒ Must be Energy Star and EPEAT (Electronic Product Environmental Assessment Tool) Registered
  - ☒ Warranty 3 - year parts, labor and battery replacement
- Three years begins on date of delivery and vendor agrees to resolve problems under six (6) business days, starting from time of GCC service request and must provide equal or better replacement or equal or better loaner system if unable to meet six day response and resolution timeframe.
- ☒ Vendor is a Manufacturer-Authorized reseller of the computer equipment Computer
  - ☒ Equipment Manufacturer possesses current ISO Certification
  - ☒ Vendor is partnered with or currently staffed with, A+ Certified technicians, or computer equipment manufacturer-certified technicians.

**ITEM #3****PC UltraBook:****Quantity: 1****Price:**☒ Intel® Core™ i7-2677M Processor, 1.80GHz, 4MB Cache☒ Windows 7 Professional with latest service pack☒ Integrated HD Graphics☒ 4 GB PC3-8500 DDR3 SDRAM 1333MHz☒ At least 13.3" HD Glare with Integrated 1.3MP camera, 1366x768☒ Multi-touch 2 button touchpad☒ 256GB SSD☒ 4 Cell Li-Polymer☒ Intel 1030 BGN+BT Wireless☒ HDMI (Out)☒ Weight: 4 pounds or less☒ Windows 7 Professional with latest service pack installed☒ Software: Academic License Only Microsoft Office 2010☒ Security Cable Lock compatible with Install-Ready Lock Hole Feature of Ultrabook☒ Warranty 3 - year parts, labor and battery replacement

Three years begins on date of delivery and vendor agrees to resolve problems under six (6) business days, starting from time of GCC service request and must provide equal or better replacement or equal or better loaner system if unable to meet six day response and resolution timeframe.

☒ Vendor also agrees to pay or cover for all shipping and handling fees or costs related to servicing computers still under warranty.

**ITEM #4****Bulk Security Locking System for Multiple Computers –****One Key System for Multiple Security Cable Locks, Minimum of 30 cable locks per set:****4. ☒ Security: Security Cable Lock compatible with Install-Ready Lock Hole Feature of:****4A. ☒ Desktop CPU and Monitor together****Quantity: 1 set****Price:****4B. ☒ Laptop and Docking Station together****Quantity: 1 set****Price:****4C. ☒ UltraBook****Quantity: 1 set****Price:**