



AGUSAN DEL SUR STATE COLLEGE OF AGRICULTURE AND TECHNOLOGY  
 P-1, San Teodoro, Bunawan, Agusan del Sur 8506  
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## Supplemental Bid Bulletin No. 01

### Project: Procurement of Supply, Delivery and Installation of ICT Equipment and Facilities for Learning Management System

This Supplemental Bid Bulletin is issued to all prospective bidders to clarify, modify and/or amend items in the Bidding Documents as discussed and agreed during the Pre-bid Conference held on January 31, 2022 at 10:00 o'clock in the morning via online video conferencing.

#### A. Change and Additional Technical Specifications:

From	To
<b>Supply, Delivery and Installation of ICT Equipment and Facilities for Learning Management System</b>	
<p><b>One (1) Unit – Rack Server</b></p> <ul style="list-style-type: none"> <li>• Rack Mount Server</li> <li>• Motherboard: 5220 2.2G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (125W)</li> <li>• DDR4-2666</li> <li>• iDRAC Group Manager</li> <li>• Enabled iDRAC</li> <li>• Factory Generated Password</li> <li>• 3.5 Chassis with up to 4 Hard Drives</li> <li>• 3PCIe slots PERC/HBA11</li> <li>• LCD Bezel</li> <li>• Riser Config 4, 2x16 LP</li> <li>• Shipping for 1300W below V2</li> <li>• Shipping Material for 4 and 10 HDD chassis</li> <li>• Luggage Tag</li> <li>• Quick Sync 2 (At-the-box mgmt)</li> <li>• Blank for 1CPU Configuration</li> <li>• Blank for 1CPU Configuration</li> <li>• 3200MT/s RDIMMs</li> <li>• Performance Optimized</li> <li>• 32GB RDIMM, 3200MT/s</li> <li>• Dual Rank 8Gb BASE x4</li> <li>• No Additional Processor</li> <li>• iDRAC9 Enterprise</li> <li>• 8TB 7.2K RPM Self-Encrypting NLSAS 12Gbps 512e 3.5in Hard Drive, FIPS SED140 SED</li> <li>• PERC H750 Adapter, Low Profile</li> <li>• Performance BIOS Settings</li> <li>• 5 Standard Fans</li> <li>• Standard 1U Heatsink</li> <li>• No Internal Optical Drive for x4 and x8 HDD Chassis</li> <li>• Dual, Hot- plug, Redundant Power Supply (1+1), 750W</li> <li>• Trusted Platform Module 2.0 V3</li> <li>• No CE Marking, APCC, for 1300W PSU below</li> <li>• Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)</li> <li>• Broadcom 5720 Quad Port 1GbE BASE-T rNDC</li> </ul>	<p><b>One (1) Unit – Rack Server</b></p> <ul style="list-style-type: none"> <li>• Rack Mount Server</li> <li>• Motherboard: 5220 2.2G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (125W)</li> <li>• iDRAC Group Manager</li> <li>• Enabled iDRAC</li> <li>• Factory Generated Password</li> <li>• 3.5 Chassis with up to 4 Hard Drives</li> <li>• 3PCIe slots PERC/HBA11</li> <li>• LCD Bezel</li> <li>• Riser Config 4, 2x16 LP</li> <li>• Shipping for 1300W below V2</li> <li>• Shipping Material for 4 and 10 HDD chassis</li> <li>• Luggage Tag</li> <li>• Quick Sync 2 (At-the-box mgmt)</li> <li>• Blank for 1CPU Configuration</li> <li>• Blank for 1CPU Configuration</li> <li>• 3200MT/s RDIMMs</li> <li>• Performance Optimized</li> <li>• 32GB RDIMM, 3200MT/s</li> <li>• Dual Rank 8Gb BASE x4</li> <li>• No Additional Processor</li> <li>• iDRAC9 Enterprise</li> <li>• 8TB 7.2K RPM Self-Encrypting NLSAS 12Gbps 512e 3.5in Hard Drive, FIPS SED140 SED</li> <li>• PERC H750 Adapter, Low Profile</li> <li>• Performance BIOS Settings</li> <li>• 5 Standard Fans</li> <li>• Standard 1U Heatsink</li> <li>• No Internal Optical Drive for x4 and x8 HDD Chassis</li> <li>• Dual, Hot- plug, Redundant Power Supply (1+1), 750W</li> <li>• Trusted Platform Module 2.0 V3</li> <li>• No CE Marking, APCC, for 1300W PSU below</li> <li>• Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)</li> <li>• Broadcom 5720 Quad Port 1GbE BASE-T, rNDC</li> <li>• No Operating System</li> </ul>



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From	To
<ul style="list-style-type: none"> <li>• No Operating System</li> <li>• No Systems Documentation</li> <li>• No OpenManage DVD Kit</li> <li>• For SADMG Countries only - No Installation Service Required</li> <li>• Ex-factory Delivery</li> <li>• Ready Rails Sliding Rails with Cable Management Arm</li> <li>• Unconfigured RAID</li> <li>• UEFI BIOS Boot Mode with GPT Partition</li> <li>• Basic Next Business Day 36 Months-ACDTS ProSupport and Next Business Day Onsite Service ACDTS Initial, 36 Month(s)</li> <li>• Mod Specs Info (SADMG)</li> <li>• EX-HUB from APCC Penang (DDD)</li> </ul> <p>Inclusive of Server Configuration and Training for eLearning Management System Utilization.</p>	<ul style="list-style-type: none"> <li>• No Systems Documentation</li> <li>• No OpenManage DVD Kit</li> <li>• For SADMG Countries only - No Installation Service Required</li> <li>• Ex-factory Delivery</li> <li>• Ready Rails Sliding Rails with Cable Management Arm</li> <li>• Unconfigured RAID</li> <li>• UEFI BIOS Boot Mode with GPT Partition</li> <li>• Basic Next Business Day 36 Months-ACDTS ProSupport and Next Business Day Onsite Service ACDTS Initial, 36 Month(s)</li> <li>• Mod Specs Info (SADMG)</li> <li>• EX-HUB from APCC Penang (DDD)</li> <li>• Inclusive of Server Configuration and Training for eLearning Management System Utilization</li> </ul>
<p><b>One (1) Unit-Rack Server</b></p> <ul style="list-style-type: none"> <li>• Rack Mount Server -</li> <li>• Motherboard: 6240 2.6G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (150W)</li> <li>• DDR4-2933</li> <li>• iDRAC Group Manager</li> <li>• Enabled iDRAC</li> <li>• Factory Generated Password</li> <li>• 2.5 Chassis with up to 10 Hard Drives and 3PCIe slots PERC/HBA11</li> <li>• LCD Bezel</li> <li>• Riser Config 4, 2x16 LP</li> <li>• Shipping (APCC/Taiwan), for 1300W below, V2</li> <li>• Shipping Material for 4 and 10 HDD chassis</li> <li>• Luggage Tag for x10</li> <li>• Quick Sync 2 (At-the-box mgmt)</li> <li>• Blank for 1CPU Configuration</li> <li>• Blank for 1CPU Configuration</li> <li>• 3200MT/s RDIMMs</li> <li>• Performance Optimized</li> <li>• 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE x8</li> <li>• No Additional Processor</li> <li>• iDRAC9, Enterprise</li> <li>• 960GB SSD SAS ISE Read Intensive 12Gbps 512 2.5in Hot- plug AG Drive, 1 DWPD,</li> <li>• 1.2TB 10K RPM SAS ISE 12Gbps 512n 2.5in Hot-plug Hard Drive</li> <li>• Controller card + with 2 M.2 Sticks 240G (RAID 1)</li> <li>• LP PERC H750 Adapter</li> <li>• Low Profile Performance BIOS Settings</li> <li>• 5 Standard Fans</li> <li>• Standard 1U Heatsink</li> <li>• No Internal Optical Drive</li> <li>• Dual, Hot- plug, Redundant Power Supply (1+1), 750W</li> <li>• Trusted Platform Module 2.0 V3</li> </ul>	<p><b>One (1) Unit-Rack Server</b></p> <ul style="list-style-type: none"> <li>• Rack Mount Server</li> <li>• Motherboard: 6240 2.6G, 18C/36T, 10.4GT/s, 24.75M Cache, Turbo, HT (150W)</li> <li>• iDRAC Group Manager</li> <li>• Enabled iDRAC</li> <li>• Factory Generated Password</li> <li>• 2.5 Chassis with up to 10 Hard Drives and 3PCIe slots PERC/HBA11</li> <li>• LCD Bezel</li> <li>• Riser Config 4, 2x16 LP</li> <li>• Shipping (APCC/Taiwan), for 1300W below, V2</li> <li>• Shipping Material for 4 and 10 HDD chassis</li> <li>• Luggage Tag for x10</li> <li>• Quick Sync 2 (At-the-box mgmt)</li> <li>• Blank for 1CPU Configuration</li> <li>• Blank for 1CPU Configuration</li> <li>• 3200MT/s RDIMMs</li> <li>• Performance Optimized</li> <li>• 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE x8</li> <li>• No Additional Processor</li> <li>• iDRAC9, Enterprise</li> <li>• 960GB SSD SAS ISE Read Intensive 12Gbps 512 2.5in Hot- plug AG Drive, 1 DWPD</li> <li>• 1.2TB 10K RPM SAS ISE 12Gbps 512n 2.5in Hot-plug Hard Drive</li> <li>• Controller card + with 2 M.2 Sticks 240G (RAID 1)</li> <li>• LP PERC H750 Adapter</li> <li>• Low Profile Performance BIOS Settings</li> <li>• 5 Standard Fans</li> <li>• Standard 1U Heatsink</li> <li>• No Internal Optical Drive</li> <li>• Dual, Hot- plug, Redundant Power Supply (1+1), 750W</li> <li>• Trusted Platform Module 2.0 V3</li> <li>• No CE Marking, APCC, for 1300W PSU below</li> <li>• Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU,</li> </ul>



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<ul style="list-style-type: none"> <li>No CE Marking, APCC, for 1300W PSU below</li> <li>Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)</li> <li>Broadcom 57416 Dual Port 10GbE BASE-T &amp; 5720 Dual Port 1GbE BASE-T, rNDC</li> <li>No Operating System</li> <li>No Systems Documentation, No OpenManage DVD Kit</li> <li>Ex-factory Delivery</li> <li>Ready Rails Sliding Rails With Cable Management Arm</li> <li>Unconfigured RAID</li> <li>UEFI BIOS Boot Mode with GPT Partition</li> <li>Basic Next Business Day 36 Months-ACDTS</li> <li>ProSupport and Next Business Day Onsite Service ACDTS Initial, 36 Month(s)</li> <li>Mod Specs Info (SADMG)</li> <li>EX-HUB from APCC Penang (DDD)</li> </ul> <p>Inclusive of Server Configuration and Training for Learning resource management system</p>	<ul style="list-style-type: none"> <li>TW, APCC countries except ANZ)</li> <li>Broadcom 57416 Dual Port 10GbE BASE-T &amp; 5720 Dual Port 1GbE BASE-T, rNDC</li> <li>No Operating System</li> <li>No Systems Documentation, No OpenManage DVD Kit</li> <li>Ex-factory Delivery</li> <li>Ready Rails Sliding Rails with Cable Management Arm</li> <li>Unconfigured RAID</li> <li>UEFI BIOS Boot Mode with GPT Partition</li> <li>Basic Next Business Day 36 Months-ACDTS</li> <li>ProSupport and Next Business Day Onsite Service ACDTS Initial, 36 Month(s)</li> <li>Mod Specs Info (SADMG)</li> <li>EX-HUB from APCC Penang (DDD)</li> <li>Inclusive of Server Configuration and Training for Learning resource management system</li> </ul>
<p><b>Two (2) Units – 6 KVA Uninterruptible Power Supply</b></p>	<p>Tower Type 6-KVA Uninterruptible Power Supply UPS (6KVA- 5400W)</p> <ul style="list-style-type: none"> <li>Input Power: 190 ~ 240Va (50 ~ 60hz) - 1/1Phase</li> <li>Output Power: 220 ~ 230Va (50 ~ 60hz) 1/1Phase</li> <li>Backup Time: 5 ~ 10min, - USB or serial managed</li> <li>include Battery: 7Ah/12V x 20 = 240V</li> <li>Optional: Parallel kit, Manual bypass switch N+X parallel redundancy</li> <li>Online double conversion with DSP control</li> <li>Input current harmonic: &lt;3%</li> <li>Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)</li> <li>High output power factor at 0.9PF</li> <li>Wide input voltage range: 120 ~ 276Vac</li> <li>Support generator input</li> <li>Support economic (ECO) operation mode</li> <li>Self-testing when UPS startup</li> <li>Cold start</li> </ul>
<p><b>Two (2) Sets - Rack Cabinet</b></p> <p>server rack cabinet 22U has full vented top frame with front / rear / side cable entrance,</p> <ul style="list-style-type: none"> <li>4 top fan tray with guard low noise, moveable side doors with lock, glass front door with push lock, rear solid door with push lock, panel mount support 1 set, panel mount with unit indication, base frame with provision of cable entrance,</li> <li>1 set heavy duty castor wheels, 1 set leveling stand, one fixed shelf,</li> <li>6 way vertical zero U PDU power distribution unit with sockets,</li> <li>1 packet M6 cage nuts assembly, exquisite design with precise dimension and craftsmanship, hexagonal reticular high-density vented plate front door and rear door,</li> <li>adjustable feet and heavy duty castors are available at</li> </ul>	<p><b>Two (2) Sets - Rack Cabinet</b></p> <ul style="list-style-type: none"> <li>Server rack cabinet 22U has full vented top frame with front / rear / side cable entrance</li> <li>4 top fan trays with guard low noise, moveable side doors with lock, perforated front door with push lock, rear solid door with push lock, panel mount support 1 set, panel mount with unit indication, base frame with provision of cable entrance</li> <li>1 set heavy duty castor wheels, 1 set leveling stand, one fixed shelf</li> <li>6-way vertical zero U PDU power distribution unit with sockets</li> <li>1 packet M6 cage nuts assembly, exquisite design with precise dimension and craftsmanship, hexagonal reticular high-density vented plate front door and rear door</li> </ul>



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From	To
the same time, <ul style="list-style-type: none"><li>• several lockable cable entry on top cover and bottom panel with adjustable sizes, optional plinth e,</li><li>• dimensions 600 x 800 x 1166 mm.</li></ul>	<ul style="list-style-type: none"><li>• Adjustable feet and heavy-duty castors are available at the same time</li><li>• Several lockable cable entries on top cover and bottom panel with adjustable sizes, optional plinth</li><li>• Dimensions 600 x 800 x 1166 mm.</li></ul>
<b>Two (2) Units - Laptop (High End)</b>  Laptop (High end) Minimum of 2.6 GHz speed, Minimum of 32GB RAM, 1TB SSD, video card 2GB, 15"monitor, wireless mouse with mouse pad, with pack bag. With lifetime License OS and Office	<b>Laptop (High-end)</b>  Minimum specifications of: <ul style="list-style-type: none"><li>• 2.6 GHz speed</li><li>• 32GB RAM</li><li>• 1TB SSD</li><li>• 2GB video card</li><li>• 15.6" UHD monitor</li><li>• Inclusive of wireless mouse with mouse pad, with pack bag</li><li>• With lifetime License OS and Office</li></ul>

Approved:

  
**SHIELA G. REYES, Ph.D.**  
BAC Chairperson