NO COMPONENT SUBSTITUTIONS. INVOICE AND DELIVERY ARE REQUIRED BY 6/15/2015

1 Supermicro hybrid CPU/GPU Server as follows:
   • Supermicro 4048B-TRFT server
   • (4) Intel Xeon E7-4890 v2 processor, 2.8GHz, 15 cores
   • (32) Supermicro MEM-DR332L-HL01-LR18 32GB LRDIMM 1.5V, 1 TB total memory
   • (1) Adaptec 72405 RAID controller or Supermicro AOC-72405-ADP RAID controller, installed in PCI-E x8 slot. Must support RAID6 configuration
   • (6) Supermicro CBL-SAST-0531 cable (or equivalent) to connect the RAID controller to the disk backplane
   • (17) 800 GB Samsung 845DC Pro Series 2.5" SSD, (15 SSDs configured as hardware RAID 6; 2 SSDs as hot spares), these are on Adaptec’s compatibility list.
   • (2) Intel SSD DC P3700 Series 1.6 TB configured as software RAID1, installed in PCI-E x8 slots.
   • (3) Supermicro AOC-GPU-NVK40M or NVIDIA 900-22081-0040-000, NVIDIA Tesla K40 GPU accelerator, passive cooling, installed in PCI-E x16 slots
   • (3) Supermicro CBL-PWEX-0581, GPU power connection cable
   • (1) Supermicro SSD-DM064-PHI, 64 GB SATA Disk on Module
   • (2) Supermicro MCP-320-00046-ON-KIT, rear fan kit
   • (1) Supermicro 310-41805-0B, secondary air shroud
   • (3) Supermicro CBL-PWEX-0581, power cable for Tesla K40
   • NO KEYBOARD, MOUSE, OR MONITOR
   • Install the latest Centos Linux or Scientific Linus on the SATA DOM
   • Deliver all documentation, software discs, and unused parts
   • Warranty beginning on the delivery date: 1 Year Labor, Return to Vendor; 3 Year Parts, Cross-ship Replacement Parts Delivered within 2 Business Days

The Following Line Items Are Cold Spares

2 SuperMicro MEM-DR332L-HL01-LR18 32 GB LRDIMM 1.5V
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description of Articles</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>800 GB Samsung 845DC Pro Series 2.5&quot; SSD</td>
<td>1</td>
<td>ea</td>
<td>for</td>
<td></td>
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<tr>
<td>4</td>
<td>Supermicro SSD-DM064-PHI, 64 GB SATA Disk on Module</td>
<td>1</td>
<td>ea</td>
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<tr>
<td>5</td>
<td>Supermicro MCP-320-00046-ON-KIT rear fan kit</td>
<td>1</td>
<td>ea</td>
<td>for</td>
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<tr>
<td>6</td>
<td>Supermicro CBL-SAST-0531 cable (or equivalent) to connect the RAID controller to the disk backplane</td>
<td>1</td>
<td>ea</td>
<td>for</td>
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<td>7</td>
<td>Adaptec 72405 RAID controller or Supermicro AOC-72405-ADP RAID controller as used in line item 1</td>
<td>1</td>
<td>ea</td>
<td>for</td>
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</tr>
<tr>
<td>8</td>
<td>Supermicro CBL-PWEX-0581, power cable for Tesla K40</td>
<td>1</td>
<td>ea</td>
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</tr>
</tbody>
</table>

TOTAL