



**ODISHA POWER TRANSMISSION CORPORATION LTD.**  
**REGD. OFFICE: JANPATH, BHUBANESWAR - 751 022,**  
**ODISHA**

The typographical errors in the above tender is hereby corrected as follows

| Sl No. | Clause Details as per Tender Document              | Clause Description As per tender document   | Corresponding Amendment   |
|--------|--|---|---|
|        | <b>SECTION- V<br/>TECHNICAL<br/>SPECIFICATIONS</b> |   |   |
| 1      | 650 VA LI UPS                                      | 3.2 Backup Time Minimum 20 minutes on for a standard PC(15" CRT Monitor)  | 3.2 Backup Time Minimum 20 minutes on for a standard PC(15" TFT Monitor)  |
| 2      | 6 KVA On line UPS                                  | 4.4 Sockets 3 pin 6 Amp Indian type sockets- 3+1 for surge protection   | 4.4 Sockets 3 pin 6 Amp Indian type sockets- 3+0 for surge protection   |
|        |  | Interface Port(s)<br>DB-9 RS-232, SmartSlot   | Interface Port(s)<br>DB-9 / RS-32/smartSlot   |
|        |  | Conformance<br>Environmental compliance<br>Certifications compulsory<br>RoHS 7, Contains No SVHCs   | Conformance<br>Environmental compliance<br>Certifications compulsory<br>RoHS / Contains No SVHCs                                |
|        |  | 60 Min Battery Back up<br>Nos. of Battery<br>16 Nos. 12V X 42AH   | Nos. of Battery<br>16 Nos. 12V X 42AH or suitable   |
| 3      | 10 KVA Online UPS                                  |   | 1.4 Topology<br>The on-line double conversion topology supply true isolation between input and output with a zero transfer time |
|        |  | Rectifier Input<br>Input Voltage Facility<br><br>(304 V to 477 V) & 160V to 280V (Input should have the provision for single phase & Three phase as per the site requirement) | Rectifier Input<br>Input Voltage Facility<br><br>304 V to 477 V<br>Three phase  |
|        |  | Input Voltage Range at 50% load<br><br>100V to 280V   | Deleted   |
|        |  | BYPASS<br>Transfer Time<br><br>0 ms   | BYPASS<br>Transfer Time<br><br>Deleted  |
|        |  | Battery Blocks<br>12V SMF, (Amar raja / Exide / Panasonic) of 42 AH   | Battery Blocks<br>12V SMF, (Amar raja / Exide / Panasonic) of 42 AH or Higher   |
|        |  |   |   |

|   |            |  |   |
|---|------------|--|---|
|   |            | <b>Batteries</b><br>Desired B/up time<br><br>60 minutes/16000 VAH Battery<br>Minimum   | <b>Batteries</b><br>Desired Backup time /<br>Total VAH<br>60 minutes/16000 VAH Battery<br>Minimum   |
| 4 | 30 KVA UPS |  | 30 KVA ONLINE UPS   |
|   |            | Output Power Capacity<br>30000 Watts   | Deleted   |
|   |            | Input<br>Input Voltage Range   | Deleted   |
|   |            | Battery<br>12V SMF (Amar raja / Exide /<br>Panasonic) of 100 AH  | Battery<br>12V SMF (Amar raja / Exide /<br>Panasonic) of<br>100 AH or higher AH   |
|   |            | <b>Communications &amp; Management</b><br>Management Software<br><br>Site Monitor  | <b>Communications &amp; Management</b><br>Management Software<br><br>As provided through<br>interfaces  |
| 7 | Laptop     | <b>Hard Drive:</b><br>750GB SMART SATA II<br>With 3 axis Hard Disk Protection<br>System  | <b>Hard Drive:</b><br>750GB SMART SATA II<br>7200 RPM With 3 axis Hard Disk<br>Protection System  |
|   |            | <b>Graphics :</b><br>Integrated: Intel® HD1 Graphics   | <b>Graphics :</b><br>Integrated: Intel® HD Graphics   |
|   |            | <b>Ports and Connectors:</b><br>2 USB 3.0 ports, 2 USB 2.0 ports,<br>1 HDMI 1.4a, 2 1 stereo<br>microphone input, 1<br>headphone/line out, 1 RJ-45<br>(Ethernet )1 power connector   | <b>Ports and Connectors:</b><br>2 USB 3.0 ports, 2 USB 2.0 ports, 1<br>HDMI 1 stereo microphone input, 1<br>headphone/line out, 1 RJ-45<br>(Ethernet )1 power connector   |
|   |            | <b>Expansion Slots :</b><br>Multi-media Reader Slot<br>supporting SD, SDHC, SDXC,<br>MMC, MMC+, Memory Stick   | <b>Expansion Slots :</b><br>Multi-media Reader Slot supporting<br>SD, SDHC, SDXC / MMC, MMC+,<br>Memory Stick   |
|   |            | <b>Ports</b><br>Media Card Reader - One (1)<br>VGA - One(1)<br>HDMI- One(1)<br>Stereo microphone in -One(1)<br>Stereo headphone/line out -One(1)<br>Power connector -One(1)<br>RJ-45/Ethernet -One(1)<br>USB 3.0/2.0- Two(2) or more                           | <b>Deleted</b>  |
|   |            | <b>Software</b><br>Web browser; Power Assistant;<br>Wireless Assistant; ArcSoft Total<br>Media Suite; Microsoft® Office<br>Starter<br>WinZip Basic / WinRAR; Adobe®<br>Flash; Skype-ready, Adobe Reader<br>Norton Internet security 2014 with<br>3 yrs Licence | <b>Software</b><br>Web browser; Power Assistant;<br>Wireless Assistant; ArcSoft Total<br>Media Suite;<br>WinZip Basic / WinRAR; Adobe®<br>Flash; Skype-ready, Adobe Reader<br>Norton Internet security 2014 with 3<br>yrs Licence |
|   |            | <b>Power:</b><br>6-cell Lithium-Ion battery; 65W<br>Smart AC Adapter   | <b>Power:</b><br>6-cell Lithium-Ion battery; 65W Smart<br>AC Adapter /minimum battery backup<br>5hrs or more  |
|   |            | <b>Expansion Solutions:</b><br>USB 2.0 Docking Station, Essential<br>USB Port Replicator, LAN and  | <b>Expansion Solutions:</b><br>USB 2.0 Docking Station / Essential<br>USB Port Replicator / LAN and USB   |

|     |   |   |   |
|-----|---|---|---|
|     |   | USB Travel Hub  | Travel Hub  |
| 9   | Desktop PC  | <b>Slots</b><br>3 PCI, 1 PCIeX1, 1 PCIeX4, 1 PCIeX16  | <b>Slots</b><br>1 PCI, 1 PCIeX1, 1 PCIeX16  |
|     |   | <b>Power Supply</b><br>320W standard or 90% efficient Power supply, ENERGY STAR 5.0 compliant, Active PFC                         | <b>Power Supply</b><br>320W standard, 90% efficient Power supply, ENERGY STAR 5.0 compliant, Active PFC   |
|     |   | <b>Operating System</b><br>Preinstalled Genuine Windows 7 Professional Edition (32-bit)   | <b>Operating System</b><br>Preinstalled Genuine Windows 7 Professional Edition (32-bit) with 8.1 License  |
|     |   | <b>Power</b><br>300 W standard efficiency, active PFC; 300 W, up to 85% efficient, active PFC                                     | <b>Deleted</b>  |
|     |   | <b>Software</b><br>CyberLink Power DVD BD, CyberLink Power2Go (Secure Burn), PDF Complete, along with OEM's preinstalled software | <b>Software</b><br>CyberLink Power DVD BD, CyberLink Power2Go (Secure Burn), PDF Complete, along with OEM's preinstalled software, Additional End-User, 3 years Licence (per PC) for Quick Heal<br>Internet Security<br>Admin Console 5.3 |
|     | Software  | <b>MS Office 2010/2013</b>  | <b>MS Office 2010/2013<br/>Std INC OLP</b>  |
|     | Section I<br>GENERAL<br>INFORMATION TO<br>BIDDERS |   |   |
| 16. | <b>All in One PC</b>                              | Software : Client Security', CyberLink Media Suite, PDF Complete, and Skype11   | Software : Client Security, CyberLink Media Suite, PDF Complete, and Skype11<br>Additional End-User, 3 years Licence (per PC) for Quick Heal<br>Internet Security<br>Admin Console 5.3  |
| 3.  | <b>C<br/>BUY BACK<br/>COMPONENTS</b>              | <b>3.C<br/>BUY BACK COMPONENTS</b><br>1. Replacement of Obsolete UPS  | <b>3.C<br/>BUY BACK COMPONENTS</b><br>1. Replacement of Obsolete UPS with Batteries   |

Chief General Manager (IT)