



Bharat Heavy Electricals Limited
Information Technology Centre, HEEP, Ranipur, Haridwar-249403
UTTARAKHAND (INDIA)
Phone: 01334-284064, FAX: 223948 E-mail: sougata@bhelhwr.co.in

HW/ITX/2/1279
April 24, 2015

Subject: Clarification Regarding Configuration of item mentioned in Slno 13 – Network Security Device of Annexure II – Broad Specifications of IT Hardware & Extension of Bid submission date of Tender No HW/ITX/2/1269 Dated 31/03/2015

Dear Sir,

Please refer to Tender for One year AMC of IT Hardware at BHEL Haridwar ref. no. HW/ITX/2/1269 dated 31/03/2015, the following changes have been done:

1. Refer *Annexure II Item Details & Broad Specifications* the RAM of Item No. 13 – Network Security Device, should be read as “**2048 MB**” in place of “**512 MB**”. The Updated Annexure II is attached for reference
2. The last date for Bid submission has been extended from 24/04/2015 to 01/05/2015

Please note that all other specifications, terms & conditions, Pre-Qualification Criteria remain unchanged.

Thanking you,

Yours faithfully,

(Sougata Bhunia)
Dy. Manager (ITX)

Annexure -II

| Item Details and Broad Specifications | | | |
|---------------------------------------|-------------------------------------|----------------------------|----------|
| SLNO | ITEM NAME | MAKE & MODEL | QUANTITY |
| 1 | PC | INFINITI PRO SL 1300 (HCL) | 668 |
| 2 | LASERJET PRINTER -A4 MONO | LJ P 2055DN (HP) | 100 |
| 3 | DESKJET COLOR PRINTER | OFFICE JET PRO 8000 (HP) | 15 |
| 4 | SCANNER-A4 COLOR | SCANJET N 8420 (HP) | 25 |
| 5 | KVM SWITCH | CL-1016M (HCL) | 3 |
| 6 | LASERJET PRINTER -A3 MONO | LJ 9040 DN (HP) | 2 |
| 7 | LASERJET PRINTER -A4 COLOR | CLJ CP 3525 DN (HP) | 1 |
| 8 | SERVER 2-WAY WITH 16GB RAM | PROLIANT DL 380 G6 (HP) | 4 |
| 9 | SERVER 2-WAY WITH 32GB RAM | PROLIANT DL 380 G6 (HP) | 6 |
| 10 (i) | SAN STORAGE | EVA 4400 (HP) | 1 |
| 10 (ii) | SAN SWITCH (along with SAN storage) | HP Brocade 300 | 2 |
| 11 | LAYER 2 SWITCH -24 PORT | 2960-24TC-L (CISCO) | 3 |
| 12 | LAYER 3 SWITCH | 3560-24TS-E (CISCO) | 1 |
| 13 | NETWORK SECURITY DEVICE | ASA5520-AIP40-K9 (CISCO) | 1 |
| 14 | ROUTER | 2851 (CISCO) | 1 |

Back to
back
support
from OEM
is
required

Broad Specifications of IT hardware

| | | | |
|----|-------------------------|--|-----|
| 1 | Desktop Computer | PC | 668 |
| | Make & Model | HCL Infiniti Pro SL 1300 | |
| | Processor | Intel Core 2 Duo, 2.93GHz, 3MB L2 Cache, 1066MHz FSB | |
| | RAM | 2 x 2 GB dual channel DDR2 SDRAM @ 667 MHz | |
| | HDD | 160 GB SATA 7200 rpm with Pre Failure Alert | |
| | Monitor | 19" TFT Monitor | |
| 2 | Item Name | Laserjet Printer - A4 Mono | 100 |
| | Make & Model | HP LJ P 2055DN | |
| | RAM | 128 MB | |
| 3 | Item Name | Deskjet Color Printer | 15 |
| | Make & Model | HP Office Jet Pro 8000 | |
| | RAM | 32 MB | |
| 4 | Item Name | Scanner - A4 Color | 25 |
| | Make & Model | HP Scanjet N 8420 | |
| 5 | Item Name | KVM Switch | 3 |
| | Make & Model | HCL CL-1016M | |
| | KVM Switch | A 16 port rack mount KVM switch with integrated LCD monitor, keyboard and mouse (touchpad). | |
| 6 | Item Name | Laserjet Printer - A3 Mono | 2 |
| | Make & Model | HP LJ 9040DN | |
| | RAM | 128MB | |
| 7 | Item Name | Laserjet Printer - A4 Color General | 1 |
| | Make & Model | HP CLJ CP 3525DN | |
| | RAM | 384 MB | |
| 8 | Item Name | Server 2-Way with 16GB RAM | 4 |
| | Make & Model | HP Proliant DL380 | |
| | Processors | 2nos of Dual Core Intel Xeon E5504 2.0GHz | |
| | RAM | 16 GB ECC DDR2 667 MHz SDRAM | |
| | Power Supply | Hot Pluggable & Redundant Power Supply & Fans | |
| | Raid Controller | 2 Nos. of 3G SAS RAID Controller, each with 256 MB battery backed cache | |
| 9 | Item Name | Server 2-Way with 32GB RAM | 6 |
| | Make & Model | HP Proliant DL380 | |
| | Processors | 2 nos Quad Core Intel Xeon E5520 2.27GHz | |
| | RAM | 32 GB ECC DDR2 667 MHz SDRAM | |
| | Power Supply | Hot Pluggable & Redundant Power Supply & Fans | |
| | Raid Controller | 2 Nos. of 3G SAS RAID Controller, each with 256 MB battery backed cache | |
| 10 | Item Name | SAN Storage | 1 |
| | Make & Model | HP EVA 4400 | |
| | Specifications | Raw capacity 7 TB, 5 Nos. of M6412 disk Enclosures having 12 nos. of disk bays each, 50 Nos. of 146 GB 15K rpm FC disk (including hot spare disk), 2 controllers, redundant power supply | |
| | SAN switch | 8 port, 4 Gbps speed- 2 qty | |
| 11 | Item Name | Layer 2 Switch - 24 Port | 3 |
| | Make & Model | Cisco 2960-24TC-L | |
| 12 | Item Name | Layer 3 Switch | 1 |
| | Make & Model | Cisco 3560-24TS-E | |
| 13 | Item Name | Network Security Device | 1 |

Annexure -II

| | | |
|--|-------------------------|-------------------------------|
| | Make & Model | Cisco ASA5520-AIP40-K9 |
| | RAM | 2048 MB |
| | Flash Memory | 256 MB |

| | | | |
|-----------|-------------------------|-------------------|----------|
| 14 | Item Name | Router | 1 |
| | Make & Model | Cisco 2851 | |
| | Memory | 512 MB | |
| | Flash Memory | 128 MB | |