

**Minutes of Meeting**

A pre-bid meeting regarding the purchase of Network devices and server under RPS project was held on 2-7-2014 at 11.00 am in Conference Room, D-Block at SBSSTC, ferozepur. The following vendors and committee members were present:-

1. Hanspreet Singh, GH Computers, Patiala
2. MukeshKumar, Targus Tech. Pvt. Ltd., Chandigarh
3. SarangSaluja, Technic Computers, Ferozepur
4. YS Yagnik, OST Electronics Pvt. Ltd., Chandigarh
5. Sugam Bali, Fore Solutions Pvt. Ltd., Chandigarh
6. Ravinder Kumar, ITIPL, Mohali.
7. Arshpreet Singh, Z Edu Solutions Pvt. Ltd, Chandigarh
8. Gurpal Singh, D-Link india Ltd., Chandigarh.
9. Rajeev Arora, SPO, SBSSTC, Ferozepur
10. Amardeep Singh, AP CC, SBSSTC, Ferozepur
11. Dr. Krishan Kumar, Asso Prof. CSE, SBSSTC, ferozepur
12. Sunny Behal, AP CSE, SBSSTC, Ferozepur
13. Sarabjeet Singh, AP CSE, SBSSTC, Ferozepur

All the vendors and committee members deliberated on technical specifications and terms and conditions of RPS project. Some issues were raised in the technical specifications. After detailed discussion, minor modifications in the technical specifications were recommended unanimously. The modified specifications are as below.

**DETAILED SPECIFICATION OF EQUIPMENTS/DEVICES UNDER RPS PROJECT**

| Sr No                  | Item                     | Quantity Required |
|------------------------|--------------------------|-------------------|
| 1.                     | Server                   | 01                |
| <b>Network Devices</b> |                          |                   |
| 2.                     | Routers                  | 03                |
| 3.                     | Layer-2 Managed Switch   | 01                |
| 4.                     | Layer-2 unmanaged Switch |                   |
|                        | 4-ports                  | 04                |
|                        | 8-ports                  | 04                |
|                        | 16-ports                 | 02                |

**SERVER**

|                           |   |
|---------------------------|---|
| Processor family:         | Intel® Xeon® E7 product family                      |
| Number of processors:     | 2   |
| Processor core available: | 10 with minimum cache of 2.5MB per core             |
| HDD:                      | 3 x 300 GB (Min. RAID Level)                        |
| Memory slots:             | 96 DIMM slots                                       |
| Memory:                   | 192 GB DDR3 RDIMM                                   |
| Drive description:        | SAS/SATA/SSD; Hot plug                              |
| Network controller:       | Minimum 1Gb Ethernet Adapter 4 Ports per controller |
| Operating System          | Red Hat® Enterprise Linux®                          |
| Virtualization option     | Red Hat Enterprise Virtualization®                  |

**Warranty:**

3/3/3 - Server Warranty includes three years of parts, three years of labor, three years of onsite support coverage.

*Ravinder Kumar*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

## NETWORK DEVICES

### LAYER2 MANAGED SWITCH

#### (Switch Non POE with 1G ports)

L2 Stackable Managed Switch which has 24 Ethernet 10/100/1000 Ports and 4 10/100/1000 Base-T/SFP ports , Min. 128 MB SD RAM & 16 MB Flash Memory, Non-blocking wire speed switch fabric, have Min. 56 Gbps Back plane or higher, 802.3ad Link Aggregation Up to 30 groups per device, Port Mirroring One to one/Many to One & Mirroring for Tx/Rx/Both., intelligence to detect the loop occurring from the unmanaged network segment, Automatic Negotiation for port configuration, to help minimize the configuration & errors, centralized VLAN Management

### LAYER3 ROUTER

Router with 1 console port, 1 AUX port, 1 USB port, 2 10/100/1000 electrical ports, a built in hardware encryption engine, 1 slot for CF card, 4 HIC slots, BootROM min. 512K, Flash Min. 16M, SDRAM Min 256M, support for LAN/MAN protocols and various Network layer protocols, support for IPV6,VPN,VOIP and security protocols.

### 4 PORT UNMANAGED SWITCH

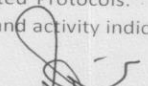
10/100/1000 Mbps unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: min. 128 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port


### 8 PORT UNMANAGED SWITCH

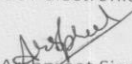
10/100/1000 Mbps unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: min. 128 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port

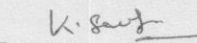
### 16 PORT UNMANAGED SWITCH

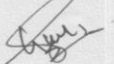
10/100/1000 Mbps unmanaged network switch, Installation: Plug and Play, Management Protocols: CSMA/CD, Power Adapter Input: 100-240 V AC, 50-60 Hz, Hardware Memory: Packet Buffer Memory: 340 KB per Device, Supported Protocols: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, LEDs: System power, Link, Speed and activity indicators for each port

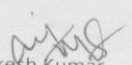
  
Hansraj Singh  
GH Computers, Patiala

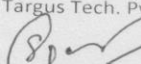
  
YS Yagnik  
OST Electronics Pvt. Ltd., Chandigarh

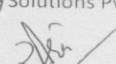
  
Anpreet Singh  
ZEDu Solutions Pvt. Ltd, Chandigarh

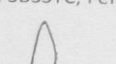
  
Dr. Krishan Kumar  
Asso Prof. CSE, SBSSTC, ferozepur


  
Gurpal Singh  
D-Link india Ltd., Chandigarh.

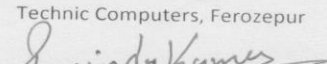
  
Mukesh Kumar  
Targus Tech. Pvt. Ltd., Chandigarh

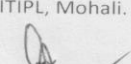
  
Sugam Bali  
Fore Solutions Pvt. Ltd., Chandigarh


  
Rajeev Aroja  
SPO, SBSSTC, Ferozepur

  
Sunny Behal  
AP CSE, SBSSTC, Ferozepur

  
Sarang Satuja  
Technic Computers, Ferozepur

  
Ravinder Kumar  
ITIPL, Mohali.

  
Amardeep Singh  
AP CC, SBSSTC, Ferozepur

  
Sarabjeet Singh  
AP CSE, SBSSTC, Ferozepur