BOSE INSTITUTE	
KOLKATA	

Tender No.	CAPSS/15/142(RF/SD)/13-14
Tender Date	23/12/2013
Tender Type	Limited

Tender Title	High-performance of 64 bits processor
Specification	**Please see Annexure – 1**
Quantity	01 (one)

Last Date & Time for submission	15/01/2014 upto 14.00 hrs
Date & Time for opening bids	15/01/2014 at 15.00 hrs
Submission of Tender (address)	**Bose Institute, Centenary Campus, Environmental Science Section(ESS) ,P-1/12 CIT Scheme VII-M, Kolkata 700 054**
Venue of bid opening	------ Same as above------
For any query the interested bidders may contact (Dept./Section/Div./Unit)	Dr. Sanat K Das. 033-25693266

General Terms & Conditions

Warranty	365 days from the date of satisfactory commissioning
Payment terms	After satisfactory commissioning
Delivery schedule	Within 45 days from the date of receiving PO
Bid security (earnest money deposit) if applicable	NA
Submission of Performance Bank Guarantee (PBG), if applicable	NA
Any other information (if applicable)	NA

Name of the instrument and submission of tender number should be mentioned on the envelope positively

Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full without assigning any reasons there for

Registrar

Annexure – I

Specification of the computer as follows
(MNC Branded)

Processor:

High-performance of 64 bits processor like Intel® Xeon® Processor E5-2600 v2 core up to 10 per processor (dual processor)
Memory:
Handle large data sets with ease with up to 128GB of 1866MHz memory for blazing-fast performance like Quad channel; Up to 128GB 1866MHz ECC RDIMM memory; 8 DIMM slots (4 per processor)

Graphics:

High-performance Video card graphics with high-end 3D of the **Tesla** graphics processing unit (**GPU**) for **accelerate scientific and engineering applications** like NVIDIA® Tesla® GPU computer card.

Chipset :

Like Intel® C602 or higher for supporting Tesla GPU card.

Storage Capacity:

There should be plenty of room for storage of large files (like **satellite retrieved and model like GCM derived files)** high performance SATA, SAS, SSD and RAID storage options.

Like SATA 7200RPM Up to 3.0TB

Network Controller Communications:
Highly skilled Network controller communications cards for **remotely connected server at our other campuses** like
Integrated:Intel 82579 Gigabit Ethernet controller with Remote Wake UP, PXE and Jumbo frames support
Optional: Broadcom NetXtreme 100/1000 Gigabit Ethernet controller (PCIe card)
Intel Ethernet Server Adapter X520-T2 10GbE (PCIe card)
Remote Access
Optional Tera2 dual display PCoIP™ PCIe remote access host card for optional Wyse P25 zero client

Sound Card:
Like Integrated Realtek ALC269Q High Definition Audio

Chassis
I/O Ports

Front
3 - USB 2.0
1 - USB 3.0
1 - Microphone
1 - Headphone

Internal
3 - USB 2.0
2 - SATA 6.0Gb/s
2 - SATA 3.0Gb/s
2 - SATA 3.0Gb/s (for optical drive(s))

Rear
3 - USB 2.0
3 - USB 3.0
2 - PS2
1 - Serial
1 - RJ45
1 - 1394a (optional via add-in card)

Monitor Options
High-performance monitors with PremierColor and ultrawide viewing from 21.5"-
30".

Keyboard
Business Multimedia Keyboard

Mouse
Leser USB 6-Botton Scroll Mouse with 1600 DPI with mouse pad

Speakers
Stereo speaker systems

Storage Devices
Blu-ray Disc™ rewritable

Service and Support
3-Year Limited Hardware Warranty and 3-year NBD On-Site Service after Remote
Diagnosis

Dr. Sanat K Das.