

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119
Tel. No. 01744 – 233266 Fax No.01744-238050**

No.SO/NITSSU/COE/2010/2514

Dated: 05.05.2010

M/s _____

Sub: INVITATION OF QUOTATIONS FOR SUPPLY OF COMPUTER FOR AIDED LANGUAGE LABORATORY.

1. You are invited to submit your most competitive quotation for the following goods:

Sr. No.	Brief Description & Specifications of Goods	Qty
1.	Installation & Activation of Language Lab. Consisting Desktop Computer Systems Software for Language Learning Systems 6 KVA online UPS with 30 Minutes backup Networking Components with Structured cabling. Headphones/Microphones /Speakers and their fittings/installation. (Detailed Specification are attached)	45 Nos. 25 Nos. 02 Nos. 1 Job 45/45/2
<p>The Quotations would be evaluated for all the item together as one rate. The Supply & Installation of items will be done at NIT, Sumari, Srinagar, Uttrakhand</p>		

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment is normally made by Cheque drawn on State Bank of India within 30 days after receipt of material in good condition and according to specifications.
5. The goods are not required exclusively for research purpose. The Custom & Excise duties are payable by the Institute.
6. The quotation should remain valid for a period not less than 45 days from the date of submission.
7. The right of accepting or rejecting any quotation without assigning any reason is reserved with the Institute.
8. The due date for receipt of quotation is **24.05.2010** and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

**-Sd-
STORES OFFICER**

Quotations are invited for turn-key installation and activation of a Computer Aided Language Laboratory at NIT-SS-Uttarakhand. The requirements of the equipments include:

1. Desktop Computer Systems

45 Nos. (Forty Five Nos.)

Specifications:

Sr. No.	Item	Description
1.	CPU	Intel Core 2 Duo 2.93GHz 2MB L2 Cache, or better or equivalent
2.	Chipset	Intel G31 or better on OEM Motherboard or equivalent
3.	Memory	2 GB DDR2 RAM Expandable to 8 GB
4.	Hard Disk Drive	320 GB 7200 rpm Serial ATA HDD
5.	Monitor	18.5" TFT Digital Color
6.	Keyboard	USB multimedia Keyboard
7.	Mouse	Optical Scroll USB Keyboard
8.	Ports	Minimum 6 USB 2.0 ports (with at least 2 in front), audio ports for microphone and headphone in front and in back. (all USB Ports must be of same speed)
9.	Cabinet	Micro Tower
10.	DVD ROM Drive	8x or better DVD Writer Drive with CD/DVD writing software and DOS Driver
11.	Networking facility	10/100/1000 on board integrated network port with remote booting facility remote system installation, remote wake up, Wireless: IEEE 802.11 b/g/ Wifi LAN
12.	Audio	Integrated HD full duplex Audio
13.	Operating System	Pre-Installed Windows 7 with perpetual License
14.	OS Certification	Window 7/ Vista/ XP and Linux Certification
15.	Power Management	Screen Blinking, Hard Disk and system idle mode in Power on, set up password, Power supply SMPS surge protected

2. Headsets, Microphone

45 Nos.

Specifications:

Microphone dimension : 9x7mm or better
 Freq. Range: 20Hz – 20KHz or better
 Sensitivity: 110dB or better
 Impedence: 32 ohm or better
 Max Power Input: 80 mW or better

3. **Multimedia Speakers**

02 Nos.

Specifications:

Channel 5.1
Speakers Max Output watt: 120W rms or better
SubWoofers Max Output: 45 rms or better

4. **Software for Language Laboratory :**

Multimedia language Learning System for English, French, Spanish, German that shall be available on 25 Nos. Desktop Computer Systems.

5. **Networking Components:**

The supplier has to execute proper Structured Cabling of 48 Nodes. For the above purpose, the following material is required:

- | | | |
|-------|---|---|
| i) | 24 Port Unmanaged 10/100 Mbps Switch | 02 Nos. |
| ii) | 24 Port Patch Panel | 02 Nos. |
| iii) | Single Face I/O Box | 48 Nos. |
| iv) | 9U Networking Rack with Door, Fan, Extension Board, Lock/Key and mounting Accessories | 01 Nos. |
| v) | 1 m Patch Cord of reputed brand | 48 Nos. |
| vi) | 2 m Patch Cord of reputed brand | 48 Nos. |
| vii) | Cat 6 Cable (305 m = 1 roll) | as per actual (price of 1 roll must be quoted) |
| viii) | PVC Pipe fitting | as per actual (price of fitting of 1 ft. pipe must be quoted) |

6. **Lab Equipment:**

Suitable Mounting Hardware and fitting require for headsets, microphones and speakers.

7. **6 KVA Online UPS with 30 minutes backup**

02 Nos. (Two)

Technical Specifications for 6 KVA 1/1 Online UPS

1. Technology : True Online, double conversion, IGBT based Inverter with inbuilt internal isolation transformer and LCD display to provide power status.
2. Input voltage window : 165V-275V , Single Phase
3. Input power factor : 0.9 or better

4. Input Frequency : 50Hz \pm 10%
5. Out put voltage : 220 V, Single Phase
6. Voltage regulation : \pm 2%
7. Out put power factor : 0.7 Lagging
8. Wave form : Pure sine wave
9. Crest factor : 3:1
10. Efficiency : 93% (overall)
11. LED Display: AC input bypass/inverter/battery/overload
12. LCD Display: Input voltage, output voltage, output frequency, load percentage, battery voltage and fault details.
13. Battery back up: 30 min battery configuration
14. Battery type: SMF
15. Battery Stand/cabinet: Battery stand/cabinet should be provided by the vendor along with the UPS for keeping the batteries.
16. Automatic Bypass, Battery management facility should be available in UPS.
17. Standards and marks: ISO 9001:2001 should be available (Certificate should be attached with the offer)
18. UPS should have remote shut down facility available.
19. Warranty: One-year onsite comprehensive on UPS and batteries both.
20. Vendor must specify clearly the make and model of the UPS and battery quoted. Specification compliance should be supported by original relevant documents/reports/certificates and specifications must be available on the website of the manufacturer

Terms and Conditions:

1. One year comprehensive onsite warranty.
2. Payment only after successful delivery & installation.
3. Vendor must specify explicitly the make and model of the product quoted supported by brochures/ leaflets. The specifications of the product quoted must be on manufacturer's website also.
4. FOR NIT-SS-Uttarakhand
5. Motherboard drivers & other relevant software must be provided.
6. Delivery: 3-4 weeks from date of issue of PO.
7. Once again, the above project will be treated as turnkey project.
8. The component of the desktop (Monitor, Keyboard, Mouse, Cabinet etc.) must be of same OEM make as the manufacturer.
9. Sales Tax/VAT rates must be mentioned clearly and explicitly otherwise these will be assumed inclusive.
10. Prices/Taxes once quoted will be considered final and no further clarifications/letters will be entertained.