



The West Bengal University of Teachers' Training,
Education Planning and Administration

25/2 & 25/3, Ballygunge Circular Road, Kolkata – 700019

Tender no.8/2016

Dated, 08 December 2016

Title: Setting of Virtual Class Room

- Interested parties are requested to submit their lowest rates for setting up virtual classroom in the academic campus (25/3, Ballygunge Circular Road, Kolkata-700019) of the University.
- The tenders are to be submitted on plain paper to the office of the undersigned following the guideline of the Department of Higher Education, Government of West Bengal. (copy enclosed).
- The **last date and time** for the submission of tender papers is the **15th December 2016, 5P.M.**
- The tenders submitted **will be opened on the 20th December 2016, 12 noon.**

PK Chanda
Registrar *08/12/2016*

Registrar
The West Bengal University of
Teachers' Training, Education
Planning and Administration

Government of West Bengal
Department of Higher Education

Virtual Classroom

Illustrative Hardware Items and Minimum Specifications

1. Desktop computer of latest configuration
Intel Q85 chipset / Intel core-i5 4570 or higher processor / Intel HD graphics 4600/
500 GB 7.2K rpm, SATA 6.0 Gb/s SMART IV HDD / Microtower Form factor /4 GB
DDR-3 RAM /Gigabit LAN / DVD writer / Windows 8.1 professional / HD Realtek
audio with internal speaker / pre-boot diagnostic at bios level by OEM only / 18.5
inch LED TFT monitor **OR EQUIVALENT SPECIFICATIONS**. The product can be
of any reputed and established brand with reliable after-sales service. 3 year onsite
warranty. 600 VA UPS with 10-15 minutes power back up.
2. Short / Ultra short throw projector
Suitable for day light conditions in large lecture theatre and for a picture size of at
least 8 feet by 6 feet/ DLP Technology or Laser / LED technology / 3000 ANSI
Lumens /XGA / SmartECO power saving technology / 10000 hours long lamp life /
Throw ratio 0.61 / Blu Ray Full HD 3D support / Mobile playback through wireless
from Android , i-phone, etc / contrast ratio 13000:1 ultra sharp or above. Warranty:
1000 lamp hours or 1 year whichever is earlier. The product can be of any reputed/
established brand with onsite warranty and reliable after-sales service.
3. Wall mount adjustable bracket (extendable up to 4 ft.) for projector, with
sufficient load bearing capacity
4. Wall-mounted white interactive board (not less than 6 foot X 4 foot) fully
integrated with the hardware system to record/ save hand-written data in the
computer's HDD.
5. High-speed Wi-Fi for PC
6. Public Address/ Sound system suitable for the size of the virtual classroom/
lecture theatre, with one lapel/collar mike for the teacher and one cordless
microphone.
7. Camera of suitable resolution (with digital zoom function) for video
conferencing / recording lectures, along with software platform/ application license
(as applicable) with capability of multi-point video and audio interaction (subject to
availability of sufficient bandwidth), with recording facility, for recording lecture/ class
room interactions.

8. Procurement of the hardware equipment shall be made as per State Government's Financial Rules. For obtaining the price quotation through DGS&D or tender or placing order directly on a State Government undertaking (as per relevant G.O.s), etc., the quoted price should preferably be on turnkey basis, i.e. it should include delivery, installation and commissioning of the virtual classroom.

NOTE

THE ABOVE SPECIFICATIONS ARE ILLUSTRATIVE ONLY.

THE OBJECTIVE IS TO PROCURE HIGH QUALITY AND DURABLE/ LONG LASTING HARDWARE.

OWN BUDGET/ FUNDS PERMITTING, THE COLLEGE AUTHORITIES ARE WELCOME TO PROCURE ITEMS OF HIGHER SPECIFICATIONS THAN THOSE GIVEN ABOVE.

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