

## **NOTICE INVITING TENDER**

Tender Reference No.: SAJC/WBHED/1/2016-17

Dated: 18.02.2017

The Principal, Seth Anandram Jaipuria College having its office at 10 Raja Nabakrishna Street, Kolkata 700 005 is inviting tender for purchase of Hardware and Software Items (Estimated cost of purchase is Rs.3,00,000/-) for Virtual Classroom Setup sanctioned by Government of West Bengal, Department of Higher Education, from the bonafide manufacturer/authorized distributor.

### **General Instructions:**

**Submission of bids :** Duly signed Tenders along with all other relevant Documents are to be submitted to the office of the Principal **on or before February 28, 2017 (4:00 pm)** . All documents should be duly signed.

Legible/prominent photocopies of the following documents must be submitted along with the tender

1. PAN Card
2. Professional Tax Registration Certificate
3. VAT/CST Registration certificate
4. Valid Trade License for the period for the specific trade

**Contact person:      Mr. Avijit Chatterjee (Mobile:9903883520)**

### **Eligibility For Tender submission:**

- a) Only Manufacturers, authorized distributors with credentials in similar jobs are eligible for quoting.
- b) Quoted Price should be on turnkey basis, i.e. it should include delivery, installation and commissioning of the virtual Classroom.
- c) The price is to be quoted in Indian Rupees including all charges e.g. VAT, Tax, cost of insurance, custom duty, packing, forwarding, freight charges, clearing charges and transportation and installation charges including dismantling charges, if any.

Principal  
S.A. Jaipuria College

## List of Items:

### Illustrative Hardware/Software Items and Minimum Specifications

1. **Desktop computer** of latest configuration: Intel Q85 Chipset, Intel core-i5 4570 or higher processor, Intel HD graphics 4600, 1 TB 7.2K rpm SATA 6.0 Gb/s SMART IV HDD, Microtower Form factor, 4GB DDR-3 RAM, Gigabit LAN / DVD writer / Standard Mouse and keyboard/ Windows 10 professional / HD Realtek audio with internal speaker / pre-boot diagnostic at bios level by OEM only / OR EQUIVALENT SPECIFICATIONS with 3 year onsite warranty. The product can be of any reputed and established brand with reliable after-sales service.
2. **UPS:** 1000 VA UPS with battery with 10-15 minutes power back up.
3. **Monitor:** 18.5 inch LED TFT monitor
4. **Short / Ultra short throw (interactive) projector:** Short / Ultra short throw (interactive) 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 smartphone etc / USB, VGA, HDMI connectivity/ 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.
5. **Wall mount Bracket:** Wall mount adjustable bracket (extendable up to 4 ft.) for projector, with sufficient load bearing capacity
6. **Interactive board:** Wall-mounted white interactive board (not less than 6 foot X 4 foot with) fully integrated with the hardware system to record/ save hand-written data in the computer's HDD. Ability to use whiteboard marker. (with at least 1 year on-site warranty)
7. **Wi-Fi:** wi-fi wireless adaptor
8. **Public Address System:** Public Address/ Sound system with mixing amplifier suitable for the size of the virtual classroom/ lecture theatre, with one lapel/collar mike for the teacher and one cordless handheld microphone with necessary cables. (with at least 1 year on-site warranty)
9. **Video Conferencing equipment:** Video-Camera of suitable resolution (with optical/digital zoom function) for video conferencing / recording lectures, along with hardware and 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 with following features
  - Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously.
  - H.239 and BFCP protocols with 1080p resolution
  - point to point connectivity on SIP/H.323 in 1080p/60fps
  - conference feature enabled
  - at least 1& upgradable to 2 nos. of HDMI / or equivalent (High Definition Multimedia Interface) output to connect Full High Definition display devices such as plasma and projectors for both Video and Content. (Single / Dual Monitor Support)
  - at least 2 HD video Input to connect full HD cameras
  - VGA/DVI/HDMI port to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 1080p.
  - 1 tabletop microphone (having pick up range of at least 10 feet)
  - USB-3 port
  - LAN /Ethernet-10/100/1000 Mbps full duplex.
  - support for IPV4 & IPV6 networks
  - At least 3x optical zoom cameras with 1080p 60 frames per second. (Pan range: +/-100 degrees, Tilt range: +/-20 degrees.)
  - Minimum 3 (Three) years of onsite warranty from the date of successful commissioning (manufacturer warranty part number should be quoted)
10. **Cable:** 5 meters of HDMI Cable with ethernet 1.4V

**Note: Items may be quoted individually and/or as part of integrated system.**

**Principal**  
**S.A. Jaipuria College**