# DEPARTMENT OF PHYSIOLOGY ALL INDIA INSTITUTE OF MEDICAL SCIENCES ANSARI NAGAR, NEW DELHI – 110 029

# RE-07/PHY/2010-11

### DATED: 17.09.2010

Subject: Short rate enquiry for following system.

Dear M/s.

A short rate enquiry is hereby floated/invited for the following items required by Department of Physiology, AIIMS, New Delhi.

# Technical Specifications for Research Grade Microscope with Penta Head Attachment and Theatre Projection Device.

The System should have:

#### RE-07/PHY/2010-11 (Sch. I)

### 1. Trinocular Microscope with Penta Head Attachment with following Specifications:

**Magnification:** 40x-1000x **Optical System:** Infinity Optical System Evepiece: 10x pair with diopter adjustment, F.O.V. 22 mm Anti-fungal. Nosepiece: Sextuple revolving Nosepiece. **Objective:** Infinite Plan Achromat objective. 4x / 10x / 40x and 100x oil Focusing System: High sensitivity co-axial coarse and fine focusing knob with tension adjustment knob on coarse focusing. Stage: Ceramic/A coated rectangular 160 x 191 mm surface stage with travel range 60 x 50 mm with double slide holder. Illumination: 12V-100W Halogen lamp with world wide voltage (100-240V) pre-centred and pre-focussed. Photo Switch: Built-in Auto photo preset switch. Condenser: Achromat swing out ABBE condenser 0.9/1.25NA Teaching Attachment: for five persons (including main observer), Binocular tube of teaching attachment should also be Anti-fungal type & should give similar viewing as main observer along with pointer unit (moveable in any direction)

# RE-07/PHY/2010-11 (Sch. II)

### 2. High Resolution 5 MP Camera with following Specifications:

Image Sensor: 1/2.5", CMOS Sensor resolution: 2592 × 1944 pixel (5 MP) Pixel Size: 2.2 µm<sup>2</sup> Color: Color/Monochrome Pixel Clock: 48 MHz Dynamic Range: 68 dB Analog Gain – :1x......8x Appropriate image capturing software Computer requirements PC:Microsoft Windows 2000/XP/Vista/ or Mac: Apple Macintosh OS X 10.4 or higher/3 GHz CPU, 1 GB RAM, 32 MB graphics IEEE1394 Firewire (OHCI compliant)

### RE-07/PHY/2010-11 (Sch. III)

# 3. LCD Projector with 3200 Lumens and Compatible Dual Core desktop with following Specifications:

Computer with hardware and software compatible with the system requirements.

- a. Windows based DOS
- b. Minimum Pentium dual 2-GHz Power PC, 2 GB RAM, 500 GB hard drive with standard DVD writer.
- c. Monitor: 23 inch Cinema Display HD with 1920 x1200 optimal resolution.
- d. Graphics card supporting Open GL 1.1 with at least 32 MB RAM
- e. Two hours backup UPS.

# Terms & Conditions:

The quotations should be submitted to the **Professor & Head, Department of Physiology, Room No. 2006, AIIMS, New Delhi-29** duly sealed marked and sent by post/per bearer by 8<sup>th</sup> **October, 2010** up to **5.00 P.M.** Quotation for each item should be sealed in separate envelops and clearly written the item name on top of envelop.

The make of the article(s) offered should invariably be quoted. All overwriting and erased entries will be deleted from the quotations. The rates should be valid at least for **SIX MONTHS**.

VAT/Sales tax or any other kind of tax(s) must be separately mentioned against each item. In case no sales tax is chargeable, prices must be quoted as **NET**.

Warranty/Guarantee: As per AIIMS norms i.e. 5 years comprehensive warranty including labour and spares.

The firm should be able to give demonstration of the item if required.

The payment will be made against delivery and satisfactory installation of the item through electronically viz RTGS/NEFT. The following information also mention in the quotation.

- 1. Name of the beneficiary:
- 2. Account No. of the beneficiary:
- 3. IFCS code of the bank/branch:

The quantity can be increased or decreased to any extent depending upon the actual requirement.

The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfil the conditions stipulated in the rate enquiry.

Note: The specifications of the items are also available at the Institute website <u>www.aiims.edu</u> & www.aiims.ac.in

Dr. D. Ghosh Professor-in-charge, Stores Dr. J. Sengupta Professor & Head