

BOSE INSTITUTE
KOLKATA

Tender No.	:	BI/Bio-phy/2013-14/11
Tender date	:	21.11.2013
Type of Tender	:	Limited Tender

Tender Title	:	Inverted Research Microscope
Specification	:	<p>Microscope stand with quadruple revolving nosepiece with 6V30watt transmitted light true Koehler illumination for bright field and phase contrast microscopy. Optical system must be infinity corrected for maximum S/N ratio and best optical performance from UV to near-infrared.</p> <p>vertical nosepiece movement, stage should fixed, stroke range 7mm up and 2 mm down from focus position which is 1mm above the range. Stroke per rotation should be 36.8mm (coarse), 0.2mm (fine).</p> <p>System should have provision to upgrade to Fluorescence & Relief contrast application-maintain the same shadow direction even if the magnification is changed.</p> <p># Observation Tube : Trinocular observation tube with Interpupillary distance adjustment of 48-75 mm, (F.N.20).Tube inclination should be 30 degree</p> <p># Mechanical Stage : Ceramic coated Mechanical Stage with flexible right hand low drive control along with glass slide holder and well plate holder. Stage movement should have X=120mm,Y=78mm.</p> <p># Condenser : Long working distance Universal Condenser with turret for phase contrast application.</p> <p># Objectives : Bright field Plan achromatic Phase Objectives 4X, 10x (N.A. 0.25), Long working distance plans achromatic phase 20X (NA-0.40,WD-3.2) and 40x (N.A. 0.55,WD-2.2)</p> <p># Eyepieces : Widefield paired eyepieces 10X (F. N. 20)</p>

		Interference Green Contrast Filter, dust cover, daylight filter.
		<u>PHOTOGRAPHY ATTACHMENT:</u>
		3 megapixel Scientific grade CMOS camera Image sensor:3.2µm X3.2µm Digitization: 10 Bit Color Dynamic range:43dB Read noise 12e- Frame rate:7.5fps 1360X1024 The system should be provided with a capture and analysis software
Quantity	:	One

Last date & time for submission	:	13 th December, 2013 upto 1-00 p.m
Date & time for opening of bids	:	13 th December, 2013 at 2-30 p.m
Submission of Tender (Address)	:	Office of the Dept. of Biophysics Bose Institute, Centenary Building,
Venue of bid opening	:	As above
For any query the interested bidders may contact (Dept./Section/Div./Unit)	:	033 2569 3218 / 033 2569 3334

General Terms & Conditions ::		
Warranty	:	One year after Installation
Payment terms	:	Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation.
Delivery schedule	:	Within 6 weeks from date of order & if any defect of the supplied item is found, it should be replaced immediately from your side.
Bid security (earnest money deposit), if applicable	:	-
Submission of Performance Bank Guarantee (PBG), if applicable	:	-
Any other information (if applicable)	:	-
<i>Name of the instrument and submission of tender should be mentioned on the envelope positively.</i>		
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.		

Registrar, B.I.