

Bose Institute Kolkata	
Tender No.	: R/PCS/DMM/NM/WEB/1
Tender Date	: 06. 01. 2016
Type of Tender	: Limited
Tender Title	: Inverted Phase Contrast Microscope
Specification	: <p>Inverted Microscope stand with quadruple revolving nosepiece, Transmitted high contrast long life LED illumination with constant color temperature of 4000K or better, suitable for bright field and phase contrast microscopy with IPC technology. Optical system must be infinity corrected for maximum S/N ratio and best optical performance from UV to near-infrared. Dedicated user friendly front operation for Light Intensity, On/off switch, Coarse & Fine adjustment knob, vertical nosepiece movement, stage should be fixed, Stroke per rotation should be 38 mm (coarse) or better, 0.2mm (fine) or better. Frame should have filter holder position for Neutral Density and green filter for phase contrast. Frame must be compatible to view multilayer Tissue flask with high adjustment of 190 mm or more. Microscope Frame should be compatible with cell culture hood under UV light.</p> <p>System should have provision to upgrade to 3D Image view with 10X objective and full colony count by using low power objective 2X or better. System should be upgradable in fluorescence attachment with 100 watt mercury light source.</p> <p>Observation Tube: Trinocular observation tube with better Interpupillary distance adjustment of 48-75 mm, (Wide Field, Field of View 22 or better). Inclined angle must be 45 degrees or better. Light division 100: 0 and 0: 100% for Eyepiece and camera path.</p> <p>Mechanical Stage: Universal Holder for multi sample holder and X & Y Mechanical Stage with right hand drive control along with acrylic transparent scratch proof plate holder. Stage movement should have X=110mm, Y=74 mm or better.</p> <p>Condenser: Long Working Distance Condenser with BF/Ph, N.A. 0.3 and W.D. 70 mm or better, Pre centered slider for integrated phase contrast application for 2X to 40X objective, It should be detachable and rotatable for easy use of sample handling.</p> <p>Objectives: Plan Acromat phase (pre-center) objective 10X/0.25, W.D. 8.8mm, Long working distance achromat phase contrast (pre-center) objective 20X/0.4, WD 3.2, Long working distance Plan phase Achromate objective 40X/0.55, Plan Achromate 100X oil objective.</p> <p>Eyepieces: Wide field paired eyepieces 10X (F. N. 22) or better.</p> <p><u>PHOTOGRAPHY ATTACHMENT & IMAGE ANALYSIS SOFTWARE:</u> 5 MP or better CMOS sensor camera with image analysis software. Branded Laptop with latest configuration along with the system. System should come with minimum warranty period of 1 year. The Instrument should be delivered at the lab of the indenting Scientist in Bose Institute.</p>
Quantity	: ONE

Last date & time for submission	: 27.01.2016 upto 2-00 P.M.
Date & time for opening bids	: 27.01.2016 at 3-00 P.M.
Submission of Tender (Address)	: Office of the Division of Molecular Medicine Bose Institute, P-1/12, Cit Scheme VII-M, Kolkata 54
Venue of bid opening	: Office of Division of Molecular Medicine
For any query the interested bidders may contact (Dept./ Section/ Div./ Unit.)	: Ph.- 033- 25693265 mandaln@rediffmail.com

General Terms & Conditions:		
Warranty	:	Should be mentioned
Payment terms	:	Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation.
Delivery schedule	:	Within 8 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.		

Sd/
Sr. Prof. & Incharge, Registrar's Office