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| BOSE INSTITUTE<br>KOLKATA |
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| Tender No.     | MEF/Microscope/16-17/01 |
| Tender Date    | 07.10.2016              |
| Type of tender | Limited                 |

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|--|---|--|
| Tender title   | <b>Upright Microscope with digital Camera</b>   |  |
| Specification  | <p>Desirable features:</p> <ul style="list-style-type: none"> <li>- colour digital camera with proper adapter for attachment to the microscope.</li> <li>- colour filter RGB, colour depth 30 bits</li> <li>- CMOS sensor progressive scan</li> <li>- resolution ~2048x1536 pixels, atleast 3 Mpixels</li> <li>- pixel size 3 µm x 3 µm or less</li> <li>- exposure time: about 0.2 msec to 2 sec</li> <li>- A/D converter 10 bit, dynamic range &gt;45dB,</li> <li>- should be capable of capturing full size live image, about 15 frames per sec</li> <li>- gain about 1x - 20x, shading correction</li> <li>- recommended c-mount video adapter 0.5x / 0.55x</li> <li>- Software for camera should be included, supported operating systems Win7 or higher version</li> <li>- single cable USB2 connection preferable for power and data</li> </ul> <p><b>Microscope Stand:</b><br/>The Microscope should have Right Hand Stage Standard Stand with 4 position nosepiece<br/>Mechanical stage with rack and slide holder,<br/>Pre-Centered and Pre-Focused Abbe condenser with slot for Phase and Darkfield Sliders and labels for matching objective magnifications<br/>LED illumination, 45 degree Trinocular Tube.<br/>Universal Power Supply plus USB Power with integrated connector</p> <p><b>Eye Pieces:</b><br/>The Eye Piece should be 10X/20 eye piece w/eye guard</p> |  |
| Quantity   | <b>01</b>   |  |
| Last date & time for submission  | 04.11.2016 at 12.00 Noon  |  |
| Date & time for opening of bids  | 04.11.2016 at 2.00 P.M.   |  |
| Submission of Tender (Address)   | Office of the Division of Plant Biology, Bose Institute, Centenary Building, P-1/12, C.I.T. Scheme VII M, Kolkata-700054  |  |
| Venue of bid opening   | DPB Seminar Room  |  |
| For any query the interested bidders may contact (Dept/Section/Div./Unit)  | 033 2569 3254   |  |
| <i>General Terms &amp; Conditions</i>  |   |  |
| Warranty   | 01 year   |  |
| Payment terms  | Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation  |  |
| Delivery schedule  | Within 2 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  | NA  |  |
| Submission of performance Bank Guarantee (PBG), if applicable  | NA  |  |
| Any other information (if applicable)  | NA  |  |
| Name of the instrument and submission of tender should be mentioned on the envelop positively.   |   |  |
| 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. |   |  |

Sr. Prof. & Incharge, Registrar's Office