

BOSE INSTITUTE KOLKATA	
Tender No.	DPB/SC/13-14/01
Tender Date	25/02/2014
Type of tender	Limited

Tender title	<b>Gel Documentation System</b>
Specification	<p>Requirements:</p> <ol style="list-style-type: none"> <li>1- Imaging system should have Automatic capabilities with Application driven, user selected or recalled by a protocol.</li> <li>2- Should have 100 % repeatability via recallable protocols.</li> <li>3- System should have pre-calibrated focus for any zoom settings &amp; sample height.</li> <li>4- Should have appropriate flat fielding correction automatically &amp; consistently applied to image data for every application.</li> <li>5- Versatile system to support wide range of applications like- Fluorescent dye like syber green, syber safe, Western blotting, 2-D, 1-D, Dot Blotting, Nucleic acid detection , Qunatitation etc.</li> <li>6- Should have at least 12 bit true CCD camera with resolution above 1390 X 1030 <math>\mu</math>m.</li> <li>7- Image resolution: Image resolution : 4 megapixels or above</li> <li>8- System should accomodate maximum Sample size 28 X 36 cm.</li> <li>9- System should have precalibrated &amp; optimized dynamic image flat fielding</li> <li>10- It should universal dark hood &amp; upgradeable to chemilumnescence.</li> <li>11- Should have motorized zoom lens- f/1.2, 12-75mm with numerical feedback value to reduce the experimental variation -Capable of Optimizing, saving, and quickly recalling the imaging acquisition settings</li> <li>12- Safe DNA Imaging without UV exposure- using appropriate accessory that prevent damage from UV and preserve samples for downstream application</li> <li>13- Should come with 1 D analysis software with following features <ul style="list-style-type: none"> <li>✓ Single mouse click from image capture to results and reports, very fast and efficient.</li> <li>✓ Should have comprehensive automated quantitative analysis of proteins &amp; DNA samples in seconds.</li> <li>✓ Intuitive and well organized (efficient) selection of workflows based on applications</li> <li>✓ Should calculate precisely continuous focus curves that are consistently and automatically applied for every zoom position and sample height. No user intervention for focusing. All calculations are done at setup, once and for all image captures.</li> </ul> </li> </ol>

	<p>✓ Software should come with multiple user license and should be updated freely online</p> <p>14- Kolkata based service center and should have warranty of atleast one year or more</p>
Quantity	<b>1 (One)</b>

Last date & time for submission	07.3.2014 upto 12.00 noon
Date & time for opening of bids	07.3.2014 at 1.00 p.m.
Submission of Tender (Address)	<b>(Room No. 411)</b> Office of the Division of Plant Biology, Centenary Building, Bose Institute, P-1/12, CIT Scheme VII-M, Kolkata 700 054
Venue of bid opening	As above
For any query the interested bidders may contact (Dept/Section/Div./Unit)	033 2569 3297

<b>General Terms &amp; Conditions</b>	
Warranty	One year
Payment terms	Payment will be made after complete delivery of the instrument in good condition and 100 % satisfactorily installation
Delivery schedule	Within 1 month 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	N.A.
Submission of performance Bank Guarantee (PBG), if applicable	N.A.
Any other information (if applicable)	N.A.
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.	

Registrar, B.I.