

**BOSE INSTITUTE  
KOLKATA**

Tender No.	:	<b>BI/TND/BIC-ZG-RGYI/13-14/02</b>
Tender date	:	30.07.2013
Type of Tender	:	<b>Open</b>
Tender Title	:	<b>Luminometer</b>
<b>Specification</b>	:	<ul style="list-style-type: none"> <li>• <b>Measurement options</b> <ul style="list-style-type: none"> <li>• The Instrument should have Luminescence to facilitate measurement of firefly and Renilla luciferase for genetic reporter studies and ATP-based biomass analysis.</li> </ul> </li> <li>• <b>Sample format</b> <ul style="list-style-type: none"> <li>• Sample Format should have 1.5 ml microcentrifuge tubes, 35 mm petridishes, 12 mm x 50 mm test tubes (optional).</li> </ul> </li> <li>• <b>Detector</b> <ul style="list-style-type: none"> <li>• Photomultiplier tube (PMT) with bialkali cathode</li> </ul> </li> <li>• <b>Spectral range</b> <ul style="list-style-type: none"> <li>• The Spectral coverage should include around 300 - 650 nm</li> </ul> </li> <li>• <b>Read modes</b> <ul style="list-style-type: none"> <li>• The instrument should read Glow, Flash, Kinetic and Repeat.</li> </ul> </li> <li>• <b>Sensitivity</b> <ul style="list-style-type: none"> <li>• The instrument should be sensitive with ability to detect at least <math>3 \times 10^{-18}</math> moles ATP or <math>1 \times 10^{-21}</math> moles Luciferase</li> </ul> </li> <li>• <b>Dynamic range</b> <ul style="list-style-type: none"> <li>• The instrument should have Linear Dynamic Range of detection <math>&gt;8</math> logs</li> </ul> </li> <li>• <b>Injector</b> <ul style="list-style-type: none"> <li>• The instrument should be equipped with 1 auto injector , might be upgradable</li> </ul> </li> <li>• <b>Injection volume</b> <ul style="list-style-type: none"> <li>• 20–500 <math>\mu</math>l adjustable preferably in steps of 1<math>\mu</math>l</li> </ul> </li> <li>• <b>Power requirements</b> <ul style="list-style-type: none"> <li>• 100–240 V AC, 24 V/2.5 A DC.</li> </ul> </li> <li>• <b>Interface</b> <ul style="list-style-type: none"> <li>• RS 232 or USB interface for PC/laptop connection</li> </ul> </li> <li>• <b>Warranty</b> <ul style="list-style-type: none"> <li>• The instrument should have a minimum of 1 year onsite warranty.</li> </ul> </li> <li>• <b>DLR certification</b> <ul style="list-style-type: none"> <li>• The instrument should preferably be DLR certified</li> </ul> </li> </ul>
Quantity	:	<b>01</b>
Last date & time for submission	:	<b>20.08.2013 within 12-00 a.m.</b>
Date & time for opening of bids	:	20.08.2013 around 3-00 p.m.
Submission of Tender (Address)	:	Bioinformatics Centre, Bose Institute, Centenary Building, P-1/12, C.I.T. Scheme VII M, Kolkata 700054
Venue of bid opening	:	Office of the Bioinformatics Centre, Bose Institute, Centenary Building, P-1/12, C.I.T. Scheme VII M, Kolkata 700054
For any query the interested bidders may contact (Dept./Section/Div./Unit)	:	Bioinformatics Centre, Bose Institute <b>Phone : 033 25693329</b>
<b>General Terms &amp; Conditions ::</b>		
Warranty	:	<b>One year for both the items</b>
Payment terms	:	Payment will be made after complete delivery of the instrument in good condition and satisfactory installation.
Delivery schedule	:	Within one 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.
<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  
31.7.2013

