



# Indian Institute of Technology Kanpur

## Samtel Centre for Display Technologies

Enquiry number: SCDT/2013-14/07

Date: September 13, 2013

Sealed Quotations are invited for the supply of (a) Xenon Tunable Light Source - 300W, model TLS-300X (b) Small Area Solar Simulator model 94011A, LCS-100 series and (c) Solid Aluminum Optical Breadboard model M-SA2-12 (Newport Corporation make) with specifications as follows:-

**(a) TLS-300X Xenon Tunable Light Source.**

1. Light source 300W Xenon lamp,
2. 1/8 m Monochromator with (2) multiple fixed slit wheels and (2) 600 1/mm gratings.
3. Tunable range 250-2400nm.
4. Broad tunable range UV to NIR.
5. Resolution up to 0.6nm.
6. Spectral output curve of TLS system to 1800nm.
7. Motorized filter wheel with ordering sorting filters 335nm, 590nm, 1000nm, 1500nm cut-on.
8. TracQ data acquisition and control software.

**(b) Small Area Solar Simulator model 94011A, LCS-100 series**

1. Beam size 1.5x 1.5 inch (38 x 38mm).
2. Spectral Match Classification A (IEC 60904-9 2007), A (JIS C 8912), A (ASTM E927-05).
3. Beam Non-uniformity B (IEC 60904-9 2007), B (JIS C 8912), B (ASTM E927-05).
4. Temporal Instability B (IEC 60904-9 2007), B (JIS C 8912), B (ASTM E927-05).
5. Collimation Angle <math><6^\circ</math>, half angle.
6. Working distance 8.0 inch (203mm).
7. Lamp power 100W Xenon.
8. Lamp Life 1000Hrs.
9. Input power 100-240VAC, 50/60 Hz, 130 W.

**(c) Solid Aluminum Optical Breadboard model M-SA2-12**

1. 300x600mm, M6 holes on 25mm grid

**Terms and Conditions**

1. Technical and financial details should be in separate envelopes.
2. Only authorized vendors may quote.
3. Maximum educational discounts should be applied.
4. Validity of quotation should be at least for 60 days.
5. The Rate offered should be free delivery of IIT Kanpur or ex-godown in case of firms situated outside Kanpur. If items are imported then the firms should quote the price on F.O.B / C.I.F. basis.
6. Institute is exempted for payment of Excise Duty under notification No. 10/97.
7. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
8. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
9. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
10. The delivery period should be specifically stated. Earlier delivery may be preferred.
11. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by 3.00PM on 19.09.2013 to the following address;

Room No.305,  
Samtel Centre for Display Technologies,  
Indian Institute of Technology Kanpur-208016, UP, India.