

**INDIAN INSTITUTE OF TECHNOLOGY, DELHI  
DEPARTMENT MECHANICAL ENGINEERING**

DATED: 03-01-2013

**SUBJECT: Notice Inviting Quotation**

Sealed Quotations are invited for the purchase of the following equipment. Quotations for any of these items can be submitted in the office of the undersigned by 10AM on January 17, 2013.

S.No.	Item	Specification	Qty.
1	LED lights	A set of 8 3W LED light emitters mounted on Trunnion support, giving more than 1400 Lumen, with spot angle 10 degrees or less, capable of running on 9 to 42V DC, operating temperature of 0°C to 70°C or better, optical efficiency >90%, >70% luminiscence should be retained at 60000 hrs.	Upto 3 numbers
2	LED lights	A set of 4 3W LED light emitters mounted on Trunnion support, giving more than 700 Lumen, with spot angle 10 degrees or less, capable of running on 9 to 42V DC, operating temperature of 0°C to 70°C or better, optical efficiency >90%, >70% luminiscence should be retained at 60000 hrs.	Upto 3 Numbers
3	DC supply for '1' and '2'	Transformer that enables the lights in '1' and '2' to run on 120-280 VAC (50Hz) wall outlet (11 amp), with wattage > 120 watts	1 Nos
4	HMI flicker free lights	1.2 KW SUN series HMI tresnel spotlight or equivalent, to fit in existing light setup	1 Nos
5	Electronic balast for 4	1200 W PGL Flicker Free Ballast or equivalent, compatible with existing light setup.	1 Nos
6	Lamp for '4'	1200W lamp for '4'	1-2 Nos
7	LED Fresnel Spotlight	≥200W LED Lights, with 5600K Color temp, running on AC (range: 120-220V or better), Adjustable Beam angle 10° – 50° or better, with brightness adjustment, giving >70k centre Lux at 1m and >17.5k centre Lux at 2m (at 10° Beam Angle)	Upto 3 Numbers
8	Light meter	Digital handheld incident Light / illuminance meter to measure lighting in the range of 0-60000 Lux or higher for digital cameras with sensitivity from 100 to 2000ASA colour, and 100 to 4000ASA mono having 4 digit LCD display, range upto 60000 Lux or better in multiple ranges, resolution 0.02 lux or better, with calibration certificate, with peak hold, data hold, minimum/maximum, relative zero function, difference from reference value, overrange indicator, auto power off, and low battery indicators / functions, accuracy ±2% or better,	1 Nos

Please note:

1. The Quotation received after due date will not be considered.
2. The Institute reserves the right to reject any quotation without assigning any reasons.
3. Validity of the quote should be atleast 90 days.
4. The Payment terms should be specified in the quotation, advance payment & payment against delivery are not acceptable.
5. Payment will be made through wire transfer after successful installation.
6. A warranty of atleast 1 year from date of installation should be given. Rates for an extended warranty / AMC upto 3 years may also be given.
7. A company profile should be included in the technical bid.
8. In case the bid is a given through an agent, a valid agentship certificate should be attached.
9. If the item is a proprietary item, a proprietorship certificate form the principle manufacturer should be included.
10. Accessories needed for functioning of the equipment should be included in the quote and clearly specified. Additional accessories available may also be quoted separately as optionals.
11. If the item is to be imported, delivery should be made on FOB basis only, and prices quoted should include all taxes at source.
12. For items quoted in Indian Rupees, all applicable taxes should be clearly indicated.
13. For items '4' to '6', the company may visit the lab and ensure the compatibility of the equipment with existing equipment.

(ANOOP CHAWLA)