

UNIVERSITY OF CALICUT

RE-TENDER NOTICE

No :90876/RESEARCH-A-ASST-3/2016/Admn

Date: 20/12/2017

Sealed super scribed open tenders are invited from reputed firms/distributors for the supply of Xe- Arc lamp set up to the KSCSTE major Research Project. The equipment is a re tendered item. The tender should be submitted in the prescribed tender form which can be had from the Purchase Division or can be downloaded from the University Website. Rate quoted should be inclusive of taxes and other charges if any. Sealed tenders with cost of tender form i.e.0.2 % of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of 420/- including GST and EMD (1% of the quoted amount subject to a minimum amount of Rs. 1500/-) drawn in favour of Finance Officer, should be submitted to the undersigned on or before **12.January 2018**

- The successful tenderer shall, before signing the agreement and within the period specified in the letter of acceptance of his tender deposit a sum equivalent to 5 % of the total value of the contract as security for the satisfactory fulfillment of the contract (performance guarantee). The amount of security may be deposited in Government Treasury Savings Bank and the Pass Book pledged to Purchasing Officer or in Fixed Deposit Receipts of State Bank of India endorsed in favour of the above officer. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of University.
- The EMD and Performance Security are returnable.

The last date of receipt of tender and the specification of the equipment are given below:

1. Last date of receipt of quotation : Friday,12.January 2018 3.30 PM

2. Opening of quotation : Friday, 12.January 2018 4.00 PM

3. Quotation addressed to : Dr Libu K. Alexander
Assistant Professor,
Dept. of Physics University of Calicut,
Calicut University PO,
Kerala-673635
Phone: 09446376861
Email: LKA@uoc.ac.in

Specifications of the equipment : Xe- Arc lamp set

1. Light source : (Including Housing ,Power Supply, Bulb)
F1 condenser optics 100 / 240 V, 50-60 Hz
Universal Input power supply
2. Bulb : Internationally reputed bulb ,
 - i. Ozone Free Lamp
 - ii. Color temperature: approx. 6,000 K (Daylight)
 - iii. High arc stability
 - iv. High color rendering index: Ra >95
 - v. Hot restart capability
3. Bulb Life : 1000 Hrs or higher
4. Power : 300W or higher
5. Spectral range : 200 nm to 2000 nm
6. Beam diameter : 50 mm (variable) and
7. The set up should have inbuilt facility to adjust the intensity of the light
8. Light output : Horizontal
9. The quoted standard model should have

- a. inbuilt Proper cooling arrangement for the bulb and
 - b. As an accessory: Proper UPS/battery arrangement with back up of atleast 15 minutes as per the power requirements for the set up
 - c. As an accessory: 90° Mount, full reflector.
 - d. As an accessory: proper optical wave guide arrangement.
 - e. As an accessory: Filter holder and long pass filter for cutting away UV part of spectrum
10. Appropriate two Band pass filters for getting suitable frequency of light within Visible light only may be quoted separately as an optional item.
11. An additional Xe-Arc bulb as a spare should be quoted as an optional item
12. All the above accessory will be considered as part of standard equipment. But the optional items should be quoted separate.
13. As part of the documents, include following spectra for the full range of frequency of the bulb:
- i. At the output of the source
 - ii. At the output of the optic fibre (in case relevant)
 - iii. At the output of the 90 degree beam turner
14. Warranty: Minimum one year.
15. Equipment should be provided at the Dept of Physics, University of Calicut without any extra transportation charges
16. Installation within 2 months of placing the order.
17. Compliance statement against each of the above points of specifications should be part of the documents to be submitted.