



NIELIT CALICUT
 (Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)
NIT Campus Post, CALICUT-673 601, KERALA
 Email : purchase@calicut.nielit.in Web : <http://nielit.gov.in/calicut>
 Phone : 0495-2287266 Fax : 0495-2287168

LIMITED TENDER ENQUIRY

Ref. No.: 2(1093)/2018-19/PEG/LED

Date: 26-06-2018

DUE DATE: 17.07.2018

1. Quotations are invited for the supply of the items as per Annexure.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotations should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: 32AAATD0315M1Z6. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1 lakh, which will be released after the expiry of warranty period.
12. Goods shall not be supplied without an official purchase order.
13. Payment : Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. Earnest Money Deposit (E.M.D.) for **Rs. 25,000/-** be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0002207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected.

Yours faithfully,

Purchase In-Charge
 For Executive Director

Encl: **Annexure**

ANNEXURE TO ENQUIRY

Your Quotation No.: 2(1093)/2018-19/PEG/LED

Date: 26.06.2018

1	Name of item(s)	Supply and Installation of LED Test Equipment: High precision Spectroradiometer & Integrating Sphere Test System
2	Specifications & Quantity As per separate sheet attached.	
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties, Octroi & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding etc.	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	Any other remarks	
15	Signature of the Tenderer with Name and Date	
16	Address with Email ID & Mobile No.	
17	Central Public Procurement Portal (www.eprocure.gov.in) Registration, Email login ID	

NB: (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.

(2) Enquiry for the above items and specifications can also be downloaded from our website <http://nielit.gov.in/calicut> or www.eprocure.gov.in

(3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates.

Scope: Supply and installation of LED Test equipment: High precision Spectroradiometer & Integrating Sphere Test System at NIELIT Calicut, Kerala, India 673601.

Specifications:

Photometric test system should measure the electrical, luminous and color co-ordinate values of LED Street Light, LED luminaires etc. using Photometric Integrator, incorporates Spectrophotometer, Digital Power Meter, voltmeter to measure supply volt, digital temperature indicator, ON/OFF switches, MCB, indicator lamp and other controls.

The system should interface with a desktop Computer using serial Multiplexers, RS232/485 converters and necessary software and hardware's. Detailed specifications are given below:

Sl. No.	Name of Equipment accessories	• Specification and purpose
1	High Precision Spectroradiometer	<ul style="list-style-type: none"> • Spectral Range Wavelength: 380nm~780nm • Spectral Wavelength Accuracy: $\pm 0.3\text{nm}$, • Accuracy of Chromaticity Coordinate (Δx, Δy): ± 0.002
2.	Digital Power Meter with Harmonic Analyzer	<ul style="list-style-type: none"> • Software: Software can communicate with Spectroradiometer to show the results in the test report. Software performs harmonic analysis and shows the following results in PC: <ul style="list-style-type: none"> ○ Supply voltage ○ Lamp voltage, current, watts, power factor ○ Lux/Lumen, 'x' and 'y' color coordinate, Color Rendering Index (Ra) ○ 'V' harmonic, 'I' harmonic and total harmonic values • Voltage range: 15-300V • \Accuracy: 0.4% • Interface with PC: Communicate with PC by USB
3.	Pure Sine Wave AC Power Source	<ul style="list-style-type: none"> • Capacity: Minimum 300 VA • Output frequency range: Adjustable frequency from 45Hz to 60 Hz • Accuracy: $\pm 0.2\%$ • Output voltage range: 0 to 300V • Total voltage distortion: <3% on linear load • Voltage stability: <0.5% • Frequency stability: < 0.5%
4	Integrating Sphere with Holder Base :	<ul style="list-style-type: none"> • 1.5 Meter, • Window for fixing spectrophotometer and other accessories
5	Standard light source for 1.5 meter diameter integrating sphere.	<ul style="list-style-type: none"> • Standard Lamp for Electrical, Luminous parameters which is calibrated from a recognized Laboratory
6	Application	Setup should ordinarily be able to test 4 feet LED tube, 100W LED Street light.
7	Standard Instrument Cabinet	To accommodate all the above the testing equipment.

8	Standard compliance	LM 79, IS: 16106: 2012
9	Warranty at site	Minimum 1 year
10	Installation and Training	Charges if applicable should be quoted separately
11	Shipping and Transportation charges	If applicable should be quoted separately
12	Import & Export custom Duty	If applicable should be quoted separately
13	Annual Maintenance Contract charges after expiry of the warranty period.	Quote separately

Note:

1. Sl.No. 1 to 5 should work as a complete system of LED testing equipment
2. Point-wise compliance statement for specification should be attached along with the quotation.
3. Client list with contact details in India who had procured the similar item should be submitted along with the quotation.
4. Specific Site requirements if any should be indicated along with the quotation
5. Undertaking of service and spares support from the equipment manufacturer for at least 5 years from date of purchase should be submitted along with the quotation.
6. The successful bidder should arrange Test certificate from reputed Indian agency on compliance of specification at the time of supply of the equipment.
7. Training on basic operation and maintenance of the system to NIELIT Calicut staff should be provided during installation.
8. Detailed user manual to be supplied along with the system