



BERHAMPUR UNIVERSITY
BHANJA BIHAR, BERHAMPUR - 760007 ODISHA

No.- 7667 /Purchase/BU/2022

...

Date: 13.9.2022

QUOTATION CALL NOTICE

Sealed Quotations are invited from registered firms/authorized suppliers/authorized dealers having IT, PAN and up-to-date GSTN registration for supply of **Optical Material Characterization System (Tunable Light Source & Optical Power Measurement Unit)** for Centre of Excellence, Berhampur University in the firm's pad by **Speed Post/ Registered Post** which should reach the office of the **Registrar, Berhampur University** on or before **Dt-11.10.2022**.

The details regarding terms & conditions and detailed specifications of the **Tunable Light Source & Optical Power Measurement Unit** can be obtained from the University Website www.buodisha.edu.in from **Dt-14.09.2022**.

Memo No.- 7668 (9) /Purchase/BU/2022


REGISTRAR
BERHAMPUR UNIVERSITY
Date: 13/09/22

Copy to:

1. The Comptroller of Finance// The O.I.C, Stores// The Secretary to the Vice-Chancellor// P.A. to the Registrar, Berhampur University for kind information.
2. The Assistant Registrar, Berhampur University for information. He is requested to take steps for publication of **Quotation Call Notice** in daily Odia Newspaper "**Samaj**" in All Odisha Edition and in daily English Newspaper "**Indian Express**" in All Odisha Edition in one issue only in 8 Pt letter at I & PR Department Government of Odisha **on or before Dt-14.09.2022**.
3. The Web Administrator, University Web site, Dept. of Computer Science, Berhampur University with a request to upload the Quotation Call Notice along with enclosures in the University Website for wider information of all concerned **on or before Dt-14.09.2022**.
4. The Web Administrator, Odisha Higher Education Plan for Excellence and Equity (OHEPEE) Web site, Dept. of Department of Higher Education, Odisha with a request to upload the Quotation Call Notice along with enclosures in their Website for wider information of all concerned.
5. Dr. Sukant Kumar Tripathy, Coordinator, Centre of Excellence, Berhampur University for information and necessary action.
6. University Notice Board.
7. Five copies extra


REGISTRAR
BERHAMPUR UNIVERSITY
Date: 13/09/22

Terms/ Conditions Details:

1. An amount (Non-refundable) of Rs.2,000/- towards cost of RFP (Request for proposal) be deposited in the shape of SBI DD drawn in favour of the Comptroller of Finance, B.U. payable at SBI, Bhanja Bihar (2107).
2. Deposit of EMD @2% (Refundable) of the estimated value of the goods in the shape of SBI DD drawn in favour of the Comptroller of Finance, B.U. payable at SBI, Bhanja Bihar (2107).
3. The firm shall quote both the Technical Bid consisting of all technical details along with commercial terms & condition and Financial Bid indicating item-wise price per unit as per our specification including all Taxes, Transportation and installation. Technical bid and Financial Bid should place in separate sealed covers duly super scribed each and send the same in a sealed cover super scribed with the Quotation Call Notice through **Speed Post /Registered Post** only. Technical bid shall open on the same day at 4:00 P.M. and the eligible bidders will intimate the date for Financial Bid soon after the finalization of Technical Bid.
4. These quotations shall remain in force for the Financial Year 2022-23.
5. Only qualified firms in the Technical Bid will be eligible for Financial Bid.
6. Materials in good condition shall be delivered at the Central Stores, Berhampur University, Bhanja Bihar, Berhampur-760007.
7. In case of imported articles, the selected firm will take necessary steps for exemption of Custom Duty etc. at their own risk.
8. The firm should supply the articles within three weeks from the date of issue of Purchase Order. This can be extended for further four weeks in view of the gravity of the situation.
9. Copy of IT of preceding three financial years, PAN CARD, valid & up-to-date GST Registration Certificate and Audited Financial Statement of preceding three financial years must be enclosed with Quotation paper.
10. Incomplete Quotation in any respect is liable for rejection.
11. The University reserves all the right to modify the contents of the RFP, extension of last date of receipt of Quotation and to accept or reject any /all Quotation in full or in part without assigning any reason thereof.
12. Legal Dispute, if any, shall be the Jurisdiction of Civil Court, Berhampur, District- Ganjam, Odisha,
13. Depending on the urgency of the situation, penalty shall be imposed in case any delay in delivery of Goods and Services.
14. Payment shall be made after necessary verification and successful installation of the equipment. Goods and Service providers cannot claim any penalty or interest in case of delay in Payment caused due to verification of the quality and quantity of the Goods by the competent Technical person of the University.
15. Any query relating to Tunable Light Source & Optical Power Measurement Unit, please contact Dr. Sukant Kumar Tripathy, Coordinator, Centre of Excellence, Berhampur University via Mail ID: skt.phy@buodisha.edu.in.


REGISTRAR
BERHAMPUR UNIVERSITY
13/09/22

Specification of the Optical Material Characterization System:

1. Tunable Light Source:

Tunable Range should be 300-1800 nm

Calibrated Tunable range should be minimum of 300- 1600 nm

Lamp Type Xenon, Ozone Free

Lamp Wattage 300 W, ≥ 900 hours lamp lifetime

Output Beam Size 21.5 mm

Computer Interfaces USB and RS232

Spectral Resolution 5 nm

Beam Divergence, Half Angle 0.88°

Beam Uniformity $\pm 15\%$

Wavelength Accuracy 5 nm

Wavelength Repeatability ± 0.11 nm

Gratings : Minimum 2

Filter wheel should be included and minimum of 5 filters position, Automated and should come with minimum of 4 filters installed to remove second order.

Light Ripple $< 1\%$ rms

Power Requirements 100 to 240 VAC, 47 - 63 Hz

Flange Series Size 1.5 Inch Female

Should come with the software to control and use it with variable spectroscopy applications.

Should come with detachable fiber bundle and related focusing optics.

System should meet CE standards and certification should be provided.

2. Optical Power Measurement Unit:

Optical Power meter with Photodiode to measure the light from the above set up in the range of 200-1100 nm and 100 pico watt to 200 milli watt range.

Should be able to read Average Power, Peak-to-Peak Power & Frequency

Gain range should be minimum of 7 ranges and 6 decades.

Resolution should be 0.0004% for the full scale range.

Sampling rate : 10 KHz or higher.

Fiber optic detector should be offered with the above Power meter and should be compatible.

Calibration uncertainty of the detector should $\leq \pm 4\%$ and linearity should be $\leq 0.5\%$



Handwritten signature and date: 13/09/2