

DEPARTMENT OF PHYSICS
Indian Institute of Technology, Hauz Khas, New Delhi – 110 016

NOTICE INVITING QUOTATION

Date: 27-02-2015

Due date: 15 March 2015

Sub: Purchase of ppLN waveguide with temperature controller

NIQ Ref: IITD/PHYS/FEBRUARY/2015-PLN03/JG

Technical Specifications:

1. Type of device: wave guide
2. Type of conversion: Type II collinear SPDC (degenerate spontaneous parametric down-conversion)
3. Type of material: ppMgO:CLN
4. Type of QPM grating: single
5. Laser condition: compatibility with CW and ultra-short pulsed operations
 - (i) wavelength: 775 nm
6. Expected output wavelength: 1550 nm
7. Chip dimension (LxWxT): approximately 25 x 4 x 2 mm³
8. Phase-matching temperature: 25 deg.C
9. Polishing:
 - (i) Input facet (S1): flat
 - (ii) Output facet (S2): flat
10. A.R. coating:
 - (iii) Input facet (S1): 775 nm, 1550 nm
 - (iv) Output facet (S2): 1550 nm
11. Quantity: 1
12. Chip accessories:
 - (i) Chip holder for the above chip
 - (ii) Temperature controller compatible for the above chip

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS

- 1) The power requirements have to be compatible to Indian conditions (230VAC, 50Hz) and all power cables, supplies and required adaptors must be provided.
- 2) **A technical comparison sheet of the offered equipment with the required specifications above.** It is mandatory to attach all datasheets and a pointwise compliance sheet of all the equipment offered.
- 3) The **Technical Bid must** contain the following details:
 - a. All the required specifications, drawings, etc.
 - b. Support documents related to previous sale of the above items(s) within India as applicable.

- c. If the items are of proprietary nature, please provide proprietary certificate from the manufacturer.
- d. All INDIAN agents must provide agent certificate, IEC and central sales tax certificate.

- 2. WARRANTY SERVICES:** preferably 3 years
- 3. TOTAL PRICE:** Please quote prices of imported items FOB IIT Delhi. The quotation should provide the total price of the system including all taxes and transport charges. Extra charges such as VAT, Import/ excise duty, Insurance, Documentation, Transportation charges to Delhi, etc. have to be mentioned separately.
- 4. TERMS OF PAYMENT:** 100% payment by Wire Transfer/LC after receipt of item.
- 5. INSTITUTE'S RIGHTS:** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.
- 6. VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 6 months from the date of receipt unless otherwise stated.
- 7. SUBMISSION OF QUOTES:** Technical and commercial bids should be submitted in separately sealed envelopes. Then both the bids should be enclosed in a single envelope/cover.
- 8. Discount/rebates** Special discount/rebate wherever admissible keeping in view that the supplies are being made for Educational purpose in respect of Public Institution of National importance may please be indicated

9. Sealed quotation should be sent to:

**Dr. Joyee Ghosh, Department of Physics, IIT Delhi, Hauz Khas, New Delhi - 110 016, India.
Phone: +91 2659 1310.**

Deadline: 15 March 2015 by 4:35 PM.