

Government of India
Bhabha Atomic Research Center
Photonics & Nanotechnology Section, AMPD

Reference: **AMPD/BARCV/2021-22/Minorfab/1**
SUB: Fabrication & Supply of Mounted Optical Filters

Date: 22.10.2021

Dear Sir,

1. Quotations are invited for the minor fabrication job, as per the enclosed scope of work
2. Bidder shall quote for fabrication/supply of these components with materials.
3. Taxes shall be quoted separately.
4. The quotation must reach the Head, Photonics & Nanotechnology Section by **18.11.2021** and must be sent in a sealed, printed envelope superscripted with reference number and the due date given above.
5. The address of the envelop should read –

Head, Photonics & Nanotechnology Section
PEB-6 , Gandivanipalem,
Bhabha Atomic Research Centre (BARC),
Dossuru Panchayat, Atchutapuram Mandal,
Visakhapatnam-531011
(Attention: B Karthik Goud)

1. The finished component shall not be dispatched prior to approval of our engineer at bidders premises.
2. The bidder shall deliver the finished components after approval by our engineer within 12 weeks from the date of firm work order issued to the bidder. The finished components along with left over material (in case any free material is issued) shall be delivered by the bidder at the address mention in point no. 5.
3. Head, PNTS reserves the rights to accept/ reject any or all quotations without assigning any reasons.
4. Delivery charges if any, must be clearly mentioned within the offer.
5. Quotation must also indicate the validity of offer starting from the due date.
6. Drawing / sketches supplied if any, must be returned along with the offer.
7. Quotation is to be in printed letter-head / quotation format only. Quotation received in computer-generated forms will be considered as invalid and rejected.
8. Quotation should consists of Sales Tax registration number (Registered with local ST / CST authority), GSTIN No., PAN number of the firm, services tax registration number etc.
9. Claim preferred by the firms are also to be in printed INVOICE format consisting of the above registration numbers.
10. No Free issue material will be given.
11. No advance payment is possible. Payment will be made within 30 days after satisfactory completion of work and on production of bill and advance stamped receipt with bank details.

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Head, Photonics & Nanotechnology Section
BARC, Visakhapatnam - 531011

Scope of Work

The work involves fabrication & supply of mounted optical filters as per specs below:

- 1. Mounted Optical Filters** **1 SET**
 - a) Mounted Band pass filter 310nm bandwidth** **2 No.**
 - Transmission band: 695nm to 1005 nm
 - Average transmission efficiency in transmission band: 92 percent or greater
 - FWHM of transmission band: ≥ 310 nm
 - Blocking band: 350nm to 680nm, 1028nm to 1700nm
 - Average Optical Density of Blocking band: ≥ 6
 - Diameter: 32mm or nearest std.
 - Mounted

 - b) Mounted Edge filter** **1 No.**
 - Transmission band: 550nm to 745.5 nm
 - Average transmission efficiency in transmission band: 92 percent or greater
 - Edge Wavelength: 748.2nm
 - Blocking band: 769nm to 950nm
 - Average Optical Density of Blocking band: ≥ 6
 - Diameter: 32mm or nearest std.
 - Mounted

 - c) Mounted Edge filter** **1 No.**
 - Transmission band: 450nm to 908 nm
 - Average transmission efficiency in transmission band: 88 percent or greater
 - Edge Wavelength: 912nm
 - Blocking band: 950nm to 1100nm
 - Average Optical Density of Blocking band: ≥ 5
 - Diameter: 32mm or nearest std.
 - Mounted

1 year warranty against manufacturing defects required

Note: Post supply inspection in respect of supplies is not permitted. Any offer containing the condition of post supply inspection will be out-rightly rejected. It is therefore mandatory for the bidders, while quoting to indicate in clear terms the requirement of post supply inspection by any outside agency.