

# INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus

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PAN: AABAI1653D

TAN: BLRI08261B

**Enquiry No: IITGOA/2018-19/123**

**Date: 15/03/2019**

IIT Goa invites sealed quotations in two bid form for the supply of below mentioned item.

Sl. No.	Description of Item	Qty
1	Notch Filter set for Raman head of Spectrometer <b>(Detailed Specifications Attached)</b>	01 No.

## Terms and conditions:

1. Quotation must be valid for at least 120 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Kindly attach a compliance certificate along with the technical quote.
4. Prices:
  - I) For Import Supplies:**
    - a) It is mandatory to quote price in CIF/CIP Goa basis only with separate cost breakup.
    - b) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.
    - c) All local taxes, customs duty and clearance charges will be borne by the Institute as applicable.
    - d) Payment terms: 90% payment by letter of credit and balance 10% will be paid by wire transfer after satisfactory installation and commissioning.
  - II) For Indigenous Supplies:**
    - a) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.
    - b) Payment terms: Within 30 days after the delivery and installation of the item at IIT GOA.
5. Delivery and installation should be made within 4-6 weeks of getting a confirmed order.
6. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
7. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason.

8. Quotations shall be submitted in two parts;
  - 1) **Part – I (Technical)** should contain all the technical details and specification of the product. It should contain unpriced bid along with terms and conditions, compliance certificates, proprietary certificates (if applicable), any other certificates/details etc. This envelope should be marked as “Technical Bid”
  - 2) **Part -II (Financial)** The financial bid of the above item should be in a sealed envelope marked as “Financial Bid” and should contain financial terms and conditions.
9. For any clarification, you may kindly contact Dr. Santosh Kumar (e-mail: [skumar@iitgoa.ac.in](mailto:skumar@iitgoa.ac.in)) and Stores & Purchase Department (email: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)) till 22/03/2019.
10. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa by 17.00 Hrs on or before 29<sup>th</sup> March, 2019”.

**Sd/-**  
**Asst. Registrar (S&P)**

## **Specifications:**

### 2 Components Notch Filter Set for Raman Setup

(1) 532 nm Notch filter – 2N

(2) 532 nm bandpass or band reject filter for Laser ASE/spectral Noise suppression – 1N

#### Specifications of (1):

- Design laser wavelength: 532 nm
- Angle tunable to compensate small change of  $\pm 0.3$  nm in the laser wavelength
- Laser attenuation by a single filter: Optical Density (OD) 4 or higher
- Transmittance of Raman signal by a single filter: 70% or higher
- Provide transmittance curve in the wavelength range of 300 – 1000 nm, if measured/available
- Information about transmittance ripples should be given, if they are present
- Spectral bandwidth (FWHM): 0.3 nm (10  $\text{cm}^{-1}$ ) or lower
- Clear aperture for Notch filter: 9 mm or more
- Optical mount: 1-inch diameter mounts for both filters
- Thickness: 2 – 5 mm
- Input/output angles should not be higher than 10 degree

#### Specifications of (2):

- ASE/spectral Noise suppressor should match the bandwidth of the offered Notch filter
- Clear aperture for ASE Noise suppressor: 3 mm or more
- Diffraction efficiency: >90%
- Input/output angles should not be higher than 15 degree