



SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES

[Funded by the Department of Science & Technology, Government of India]

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EMAIL: santosh@bose.res.in

Ref#: SNB/ENQ/MP/Mid-IR/13-14/1193/WP

01.11.2013.

Dear Sir,

Sealed quotations are hereby invited for the following items in two parts (Technical and Commercial bids). One large envelope containing two smaller envelopes containing Part A: Technical Bid and Part B: Commercial Bid need to be submitted separately –

Two smaller envelopes should be super-scribed "**Technical Bid**"/"**Commercial Bid**" as the case may be.

S/N	PARTICULARS	Qty
1.	Mid-IR MCT Detectors with essential accessories. [See the following page for technical details. For any technical query please contact <i>Dr. Manik Pradhan</i> through email at: manik.pradhan@bose.res.in or Phone Nos. mentioned above.]	02 nos.

Note:☞ Attached herewith "**Annexure I**" (as check list) to be duly filled in by the bidder and should be submitted with the Technical Bid only. Offer received without any of the relevant information / certificate / document asked as per "Annexure I" from sl. nos. 01 to 20 may not be considered.

The Centre reserves the right to accept or reject offer of the tenderer. The Centre's decision shall be final and binding on the tenderer. Attached documents should be duly marked.

Note:☞ **Technical bid** should contain complete technical information literature/working manual of the quoted item, & authorization certificate of the manufacturer. **Price Bid** - In case of imported item CIF/CIP Kolkata airport price should be mentioned and for indigenous item FOR price up to S. N. Bose Centre may be quoted.

Note:-

- 1) The price should be inclusive of delivery and installation charges.
- 2) Validity should be for 90 days from the date of opening.
- 3) Minimum One year onsite standard warranty is requisite from the date of installation.
- 4) Vendor should specify maintenance procedure and after sales service.
- 5) Payment is subject to after delivery and satisfactory installation.
- 6) Delivery period should be mentioned in the quotation.
- 7) Our ref. no. should be mentioned on top of the quotation envelope.
- 8) **The above information must reach this office by 15th November' 2013.**

Thanking you,

Yours faithfully,

S. K. Singh
AR(Purchase)

Technical Specifications

Mid-IR MCT Detector Specifications:

1) PVI-4TE-8 Mid IR MCT detector

- PVI: Photovoltaic , optically immersed
- 4TE: Four stage thermoelectrically cooled
- 8: Optimum wavelength
- Optical area: 1×1
- Pack and window: TO8-BaF2
- Without reverse bias

Other essential accessories compatible with the detector for complete measuring set:

- a) DC coupled Preamplifier integrated with Fan., BW: DC-50 MHz
- b) TEC Controller with preamplifier power supply-for detectors with 4TE coolers integrated with preamplifier
- c) Detector radiator base
- d) All necessary cables

Quantity required: One (1)

2) PVI-3TE-6 Mid IR MCT detector

- PVI: Photovoltaic , optically immersed
- 3TE: Three stage thermoelectrically cooled
- 6: Optimum wavelength
- Optical area: 1×1
- Pack and window: TO8-BaF2
- Without reverse bias

Other essential accessories compatible with the detector for complete measuring set:

- a) DC coupled Preamplifier integrated with Fan., BW: DC-50 MHz
- b) TEC Controller with preamplifier power supply-for detectors with 3TE coolers integrated with preamplifier
- c) Detector radiator base
- d) All necessary cables

Quantity required: One (1)