**Department of Physics, Indian Institute of Technology**

**IIT.P.O. Madras-600 036**

Ref. No. **Date: 19 / 05 / 2017**

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| **PHY** | **2017** | **021** | **STORES** |

To Whom It May Concern:

Dear Sir,  **Due date: 12/ 06/ 2017**

Please find below the specification of a **Calibrated integrating sphere detector** we require for purchase. Kindly send us a quotation by the due date mentioned above.

Minimum specification for **Calibrated integrating sphere detector** (Quantity 1 – 5 nos. please quote unit price)

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| --- | --- | --- |
| Sl. No. | Parameters | Value |
| 1 | Detector Type | Sphere Detector |
| 2 | Sensor Size | Ø11.3 mm |
| 3 | Spectral Range | 400 - 1100 nm |
| 4 | Power Range | 100 nW - 2.0 W |
| 5 | Calibration Uncertainty without attenuator | 2.5% @ 400 - 1000 nm  3% @1001 - 1100 nm |
| 6 | Calibration Uncertainty With attenuator | 2.5% @ 400 - 1000 nm  3% @1001 - 1100 nm |
| 7 | Material | Silicon detector, PTFE sphere |
| 8 | Sphere Size | **3 in.  or larger** |
| 9 | Input Port Size | Approx.. 0.5 in should be suitable for free-space beams. |

**Accessories**

The vendor may quote optional accessories which can be used with the instrument mentioned for purchase together but will not be used for price comparison.

Please provide a clear warranty statement.

Please send separate technical and prices bids in your quotation by email (signed and scanned) and followed by hard copy before (or on) the due date.

Please mark reference number on top of the quotation.

Yours Sincerely,

**Sivarama Krishnan**

**Co-ordinator**

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