**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** | **026** | **STORES** |

To Whom It May Concern:

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

# Please find below the specification of an Ultrashort pulse measurement FROG / SPIDER system we require for purchase. Kindly send us a quotation by the due date mentioned above.

# Minimum specification for Ultrashort pulse measurement FROG / SPIDER system (Quantity 1 – 5 nos. please quote unit price)

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Parameters** | **Value** |
|  | Spectral Range | 600 - 1000 nm |
|  | Operational wavelength | 800nm |
|  | Pulse duration | Min: < 25 fs  Max: > 1 ps |
|  | Beam Input Diameter | 5 mm or larger |
|  | Input repetition rate: | Multi-shot is acceptable but single-shot is preferred |
|  | Sensitivity: | <100 mW^2 |
|  | Linear distortion | < 1% |
|  | Geometry | FROG or SPIDER |

**Accessories**

The vendor may quote optional accessories which may 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 the quotation (technical and price details) by email (signed and scanned) OR hard copy before the due date.

Please mark reference number on top of the quotation.

Yours Sincerely,

**Sivarama Krishnan (Co-ordinator)**

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