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Dept.: BIO ENG. & BIOT.  
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Date: 17/1/2012

Department of Biochemical Engineering and Biotechnology  
Indian Institute of Technology Delhi

January 17, 2012

**NIQ for Luminometer**

Sealed quotations are invited for supply of Luminometer in the Department of Biochemical Engineering and Biotechnology. The essential technical specifications for the Luminometer are given below.

1. Detector	Photomultiplier tube (PMT)
2. Spectral Range	350 - 600 nm
3. Detection Limit	$1 \times 10^{-21}$ moles Luciferase
4. Linear Dynamic Range	>8 logs
5. Read Type	Glow, Flash, Kinetic, Repeat
6. Auto Shutoff:	Hibernates after 15 minutes of inactivity
7. Sample Format	1.5 ml microcentrifuge tubes, 35 mm petri dishes, 12 mm x 50 mm test tubes (optional), minicell vials (optional, Fluorescence)
8. Sample Adapter	Holds 1.5 ml microcentrifuge tubes, optional 12 mm x 50 mm test tube holder available
9. Data Output	Data displayed on screen or connect to PC (not included) via serial cable to download the data. Software for data download and analysis should be included.
10. User Interface	Touch screen navigation and operation
11. Power	All the necessary adaptors for power requirements should be included
12. Operating Temperature	60 - 105 °F (15 - 40 °C)
13. Weight:	less than 4kg
14. Warranty	Minimum Three years

**Note:** Advantage will be given for the instruments which can be upgraded with fluorescent signal acquisitions.

**Terms and Conditions:**

1. The vendor supplying the instrument should have own service support in India, preferably in Delhi / NCR for local & efficient after sales service-support.
2. Free demonstration of the working of the workstation at the user's lab should be arranged at the time of installation

**General instructions:**

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.

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2. Vendor should get a fresh certificate directly from their product principal's clearly mentioning about warranty for two years of the systems to be delivered. The lowest quotation however, does not depend upon the warranty period.
3. Special discount/ rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Vendors should attach the relevant product brochures for the model quoted.
5. Validity of the quotation should be at least three months.
6. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without additional charges.
7. Taxes, terms and conditions should be clearly mentioned.
8. In the case the items are proprietary products of the company, a proprietary item certificate stating the same may be provided.
9. Specifications form should be similar to the given specifications sheet.
10. A compliance statement for required specifications should be attached.
11. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
12. Firm MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects (as per IIT-Delhi rules).

**The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.**

Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed "Quotation for Luminometer") should be addressed to **Prof. Sunil Nath, Department of Biochemical Engineering and Biotechnology, IIT-Delhi, Hauz Khas, New Delhi 110016** and should reach the **Department of Biochemical Engineering and Biotechnology, IIT-Delhi** by 1200 hrs by **February 9, 2012**.

Subir K