



**DEPARTMENT OF BIOTECHNOLOGY**  
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Dr. D. KARUNAGARAN

Professor and Head

Date: 02.07.2015

**Ref: BT/SMAH/2015/014/SPL**

**Dt. 02.07.15**

**Due Dt.16.07.15**

1. Quotations are invited in duplicate for the various items shown below/overleaf/ enclosed list.
2. The quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for should be submitted free of charges and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai. If F.O.R. Consigner stationer freight charges by passenger train/lorry transport must be indicated. If Ex-Godown, Packing, forwarding and freight charges must be indicated.
8. The rates of Sales/General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales/General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to non-government educational institutions run with no profit motive for which a Concession. Sales tax certificates will be issued at the time of final settlement of the bill.**
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

## **Fluorometer with accessories**

### **Specifications:**

1. Benchtop fluorometer that accurately measures DNA, RNA, and protein using the highly sensitive quantitation assays.
2. It should be easy-to-use, specific and sensitive quantitation of assays. Based on the detection of target-specific fluorescence, this integrated system should be more sensitive than UV absorbance-based quantification.
3. The concentration of the target molecule in the sample should be reported by a fluorescent dye that emits a signal only when bound to the target, which minimizes the effects of contaminants including degraded DNA or RNA on the result.
4. Sample volume: 1  $\mu$ l - 20  $\mu$ l
5. Sample results: should be able to stores up to 1,000 sample results
6. It should have a capability to measure 10 pg/ $\mu$ l to 1000 ng/ $\mu$ l
7. dsDNA broad range Assay Kit - 500 assays
8. dsDNA high sensitive Assay Kit - 500 assays
9. RNA broad range Assay Kit - 200 assays
10. RNA high sensitive Assay Kit - 200 assays
11. Assay Tubes - 1500 tubes
12. Serum 500 ml – 150 nos.
13. High quality RNA purification reagent 200ml – 10 nos.
14. Warranty : one year
15. Training, service and application support: The vendor should have a good service and application support back up to provide an effective application related troubleshooting and support.

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**Head of the Department**