

# CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO 2, SHANKAR NAGAR POST OFFICE NAGPUR - 440 010

Phone: 07103 - 275549, 38, Fax: 91- 07103 – 275529

{Location; Near Indian Oil Depot, Panjari , Wardha Road, Nagpur – 441 108}

F.No.(63) St/UV Spectrophotometer/TMC MMI/NGN/2008-09

Dated 03.01.2009

**Sub:** Quotation for the purchase of **UV Spectrophotometer**– reg.

Sir,

Sealed quotations are invited by the Director, Central Institute for Cotton Research for the purchase **UV / Visible Spectrophotometer** as per the terms and conditions prescribed below:

| Specification  | Rate in Rs. | Qty. Reqd. | Amount (in Rs.) |
|--|-------------|------------|-----------------|
| <b>UV / Visible Spectrophotometer :</b><br>UV / Visible Spectrophotometer with a working wavelength range of 200-800nm. Should be able to quantify DNA, RNA, oligonucleotides and proteins. Wavelength scans with peak detection, monitoring cell culture growth. Should provide automatic results for A260/A280 ratio for nucleic acid purity, should take dilution factor in account sample concentration in ug/ml, molar extinction coefficient and molecular weight of oligonucleotides. Should provide quantitation for dsDNA, ssDNA or RNA with preprogrammed methods for quantitation of proteins of Bradford, Lowry and BCA methods. Analysis be possible for upto 9 replicates with computation of mean and SD for each replicate group. Printable report with a standard curve with r2 value.<br>Light source : Xenon lamp. Detector, Photodiode array, display 2 x 24 alphanumeric backlit LCD, built in alphanumeric. Graphic printer, wavelength accuracy<br>< □ 1.0 nm from 200-250 nm, 300 to 800 nm,<br>< □ 0.5 nm from 200-250 nm, 300 to 800 nm,<br>Spectral bandwidth <5nm,<br>Absorbtion accuracy : □ 0.01 at 0.5 AU, □ 0.02 at 1.0 AU, dimension WxLxH – 33x26x14 cm with facility of using cuvette and capillary for estimation. | @ Rs.       | One        | Rs.             |

## Terms & Conditions:

- The price should be inclusive of all taxes/VAT, etc.
- Sealed quotation along with the literature and pamphlets should reach this office on or before **22.01.2009**.
- As the equipment /Instrument is urgently needed for our research work, the firms who will be able to make immediate supply **F.O.R., Central Institute for Cotton Research, Panjari Farm, Wardha Road, Near Khapri, Nagpur** should quote .
- Envelops may please be super-scribed with the word **“Quotation for UV Spectrophotometer”**.
- Instruments indigenous or imported will be purchased from only those parties, who can ensure and undertake to provide the satisfactory after-sales-service within the country. The supplier should also ensure to offer a complete detailed package on back up support, prompt commissioning, after-sales-service including workshop backup, timely supply of spares, timely repair of machines, proper training to Scientists/Technicians on use.
- Warranty period offered and after sales service available should be clearly mentioned.
- The list of users of reputed laboratories of the equipment should also be made available.
- The make, quality and specifications may be stated in detail/must be as per details given by this office. In case supply is not made within a fixed period the office reserves the right to cancel the order.
- The payment will be made only after completing delivery according to the specifications, quality and quantity given in the quotation/purchase order.
- Breakage and losses during the transit will have to be borne by the supplier and charges on such account will be deducted from the bill proportionately.
- Other terms and conditions of supply if any may also be stated.
- Materials will be accepted only after giving satisfactory demonstrations.
- The Director, CICR, reserves the right to accept or reject one or all quotation/s without assigning any reason thereof.
- The quotations, without the above desired information / received after the due date are liable to be rejected

**Administrative Officer**