

Ref: CL/PP/BID-21 (06-07)

Date: **13-03-2007**

**Subject: SUPPLY OF Double Beam UV-Visible Spectrophotometer,
for our SRO Lab-Chennai & WRO Lab-Mumbai.**

Dear Sirs,

Technical & Commercial Bids are invited for the supply of **Double Beam UV-Visible Spectrophotometer**, in **separate SEALED** covers, which should reach the undersigned latest by 1700 h, on **3 April 2007**, at the following address:

Director & Head (Planning & Purchase)

BUREAU OF INDIAN STANDARDS

Central Laboratory

Plot No.20/9, Site-IV,

Sahibabad Industrial Area, Sahibabad,

Distt. Ghaziabad-201010 (U.P.)

2.The detailed specification of the above mentioned equipment(s)/item(s) are given in **Annex- I**

3. Terms and conditions of supply are given in **Annex-II**

4. The technical Bids shall be opened in the **Conference Hall**, of the Central Lab, at the address mentioned above at **1500 h on 4 April 2007** and in the presence of such tenderers or their duly authorized representatives, who may like to attend. `Price Bids` of only short listed bidders shall be opened.

5. Please note that the envelopes containing Technical & Commercial Bids are sealed properly i.e. either wax sealed or with adhesive cello tape on both ends. **Unsigned Bids, Unsealed /stapled envelopes** and bids **without EMD** shall be summarily rejected. **No exemption** whatsoever for payment of EMD shall be accorded.

6. The specification and terms & conditions can also be downloaded from BIS Website – www.bis.org.in

Thanking you,
Encls.: **as above**

Yours faithfully,

-Sd/-

Head (Planning & Purchase)

**BUREAU OF INDIAN STANDARDS
CENTRAL LABORATORY
EQUIPMENT SPECIFICATION**

EQUIPMENT / SPECIFICATION CODE:

NAME OF THE EQUIPMENT: Double Beam UV – Visible Spectrophotometer

PROPOSED FOR BIS LABS: SROL* and WROL**

1 no. 1 no.

TOTAL QUANTITY REQUIRED: Two

SPECIFICATION:

Optics : Double Beam, Quartz coated optics with suitable high performance grating.

- Wave Length Range : 190 – 1100 nm
- Selectable modes from ABS/%T/I/Conc/1st D/2nd D/3rd D/4th D
- High-end Scan mode
- Scan Speed-Slow, Medium, Fast
- Integrated Software for Water Analysis as per IS 14543 and IS 13428:98
- Sample holder : Min.6 Cell programmable cell holder/Variable path length (preferably up to 100 mm) Cell Holder/ Variable Test Tube Holder.
- 3 Replicates for each standards
- Multi component Analysis up to 20 component in a mixture measuring up to 20 wave length per sample.
- Selectable D2 or W overrides any change over
- 1.44 MB Floppy Drive System for data storage and Main Memory System.
- Band width
- Accuracy: preferably 2nm
- Stray Light: <0.05% @ T220 nm and 340 nm
- Absorbance Accuracy : preferably 0.0002 A
- Absorbance Repeatability: Preferably 0.00001 A
- Wave Length Accuracy: Preferably 0.04 nm
- Wave Length Repeatability: Preferably 0.01 nm
- Computer Interface
- Printer Interface

Location Where the Equipments are to be delivered :-

*** SROL- SRO Lab, CIT Campus, IV Cross Road, Taramani, Chennai-600 113,
FAX No. 044-22541087, Phone No. 044-22541208**

**** WROL- WRO Lab, Manakalaya, E-9, MIDC,
Behind Marol Telephone Exchange, Andheri East, Mumbai-400 093.
FAX NO. 022-28262057, Phone No. 022-28327856**

TERMS & CONDITIONS

1. The BUREAU gives FIRST PREFERENCE in its purchase to goods bearing ISI CERTIFICATION MARK and second preference to those which conform to the relevant Indian Standard Specifications.
2. The delivery of the stores is required to be made within 30 days of receipt of order. If, it is not possible for you to effect delivery within the period, you are required to specify the date by which you can guarantee delivery of the stores.
3. The **Technical & Commercial Bids should be sealed and sent separately in sealed envelopes**. Such Bids shall remain valid for a period of 90 days from the date of opening.

3.1 The **Technical Bid** - should accompany complete specification, Manufacturer's name, address and following details :

- a. Expected life span of equipment and accessories.
- b. List of infrastructural facilities and consumables to be arranged by the Bureau for commissioning of equipment,
- c. List of the Users in India with complete postal address to whom the similar equipment has been supplied,
- d. Near locations in India from where after sales services shall be provided along with the name of Servicing Agent,
- e. The optional and any other essential items/accessories required for the maintenance of the equipment for the next three years.
- f. Technical Literature of the equipment along with necessary photograph/drawings, if any.

3.2 Cost of the items should be mentioned clearly in the **Financial Bid** only. The following details need to be included :

- a. Price break-up of main equipment and accessories and consumables to be supplied by the party,
 - b. Rebate on the quoted price, if additional equipment is procured for any other BIS Lab, and
 - c. The Annual Maintenance Contract charges for next three years after the expiry of warranty period
 - d. The rates quoted shall be valid for a period of 90 days from the date of opening of the tender. However, the current value of the foreign currency would be applicable at the time of placing the order.
4. Quotations/Bids, qualified by indefinite expressions as "Subject to immediate acceptance, Subject to prior sale" etc. and incomplete quotations are liable to be summarily rejected,
 - (a) Tenders not accompanied with Demand Draft towards "Earnest Money Deposit" will summarily be rejected.
 - (b) Tenders, which are submitted without following the Two-Bid Offer System, will summarily be rejected.
 - (c) Unsigned Tenders will also be rejected.

TERMS & CONDITIONS

5. The Bids should clearly give break-up of cost of each equipment. The rates quoted should separately indicate Basic Cost, Excise Duty, Sales Tax, P&F charges, Freight, Insurance, VAT etc. Rates quoted should specifically state Sales Tax, Excise Duty or any other taxes/charges. In absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same shall be entertained. **Form C/D shall not be provided by BIS.**

6. Each tender document shall be accompanied with **EMD of 3% of total cost of the equipment**. The demand draft for the EMD amount shall be drawn in favour of BUREAU OF INDIAN STANDARDS payable at Sahibabad/Ghaziabad. The sealed envelope containing EMD should be super-scribed **“EMD”** and **stapled separately with the envelope containing the commercial Bids**. **EMD shall not be disclosed in technical bid.**

7. The successful bidder shall be required to furnish a ‘Contract Performance Security’ of value equal to 10% of the cost of equipment(s) within 30 days of placement of order. The ‘contract Performance Security’ should be valid during guarantee/warranty period.

8. The **warranty period** of the equipments **may be stated clearly** in the Technical Bids. In case the **same is not found stated**, it will be presumed that **warranty period as mentioned in their respective specifications of the tender document (if specified), is applicable**

9. Please mention clearly in the Technical Bids regarding address of **arrangements for service/repair** of the equipments are available. Suppliers having such arrangements near Delhi/Ghaziabad would be preferred.

10. All goods received would be subjected to inspection, by BIS before or after receipt or commissioning (as applicable) and the decision of BIS shall be binding. Rejected items/goods/stores shall be removed by the supplier at his own cost and risk, within 30 days of receipt of notice for the removal of such goods, and no liability, whatsoever, on the Bureau shall be attached for the rejected/disapproved goods/items/stores.

11. The Bureau reserves the right to accept or reject summarily and or all tenders in whole or part without assigning any reason whatsoever.

12. The Bureau takes no responsibility for delay, loss or non-receipt of tenders after dispatch.

13. In case of non compliance with the Terms & Conditions of the contract, the Bureau reserves its right to:

- a) Cancel/rescind/revoke the order if supply is not made in time and is not conforming to the required specification.
- b) Impose Penalty up to 1% of the total value of the order for a delay of every seven days after the schedule date subject to the ceiling of a maximum of 10% of the total value of the order.

14. All questions, disputes or difference arriving under, out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of Delhi/ Ghaziabad Courts.

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