



भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

पश्चिम क्षेत्रीय : 'मानकालय', ई-9, एम. आय.डी.सी., रोड नं. 8,
कार्यालय अंधेरी (पूर्व), मुंबई - 400 093.
Western Regional : 'Manakalaya', E-9, M. I. D. C., Road No. 8,
Office Andheri (E), Mumbai - 400 093.

दूरभाष Phones	2832 7858 2832 7891 2832 7892 2832 9295 2823 5681	फैक्स Fax	+91 022 2836 4820 +91 022 2837 4231 (Sales Dept.)	तार Grams	मानकसंस्था Manaksanstha
		वेबसाइट Website	www.bis.org.in	ई-मेल e-mail	wro@bis.org.in

Our Ref: WROL/ 2:60

18 Dec 2009

Subject: Inviting Sealed Tender for the supply of " Double Beam UV-VIS Spectrophotometer".

To,

Sir,

Sealed Tender in Two Bid system is invited by Bureau of Indian Standards for the supply of – one number " **Double Beam UV-VIS Spectrophotometer**" in separately sealed covers, which should reach the undersigned latest by **1500 h**, on **18 January 2010**. The sealed tender should be dropped in the tender box kept for the same in the office reception area and addressed to :

**Scientist F & Head
WRO Laboratory,
Bureau of Indian Standards
"Manakalaya"
E-9, M.I.D.C., Behind MIDC Telephone Exchange.
Andheri (East), Mumbai 400 093**

1. Terms and Conditions of supply are given in **Annex-I**.
2. The detailed technical specification of the above mentioned equipment is given in **Annex-II**.
3. The Technical Bid & EMD of the tender document shall be opened in the chamber of Sc. F & Head, WRO Laboratory at the address mentioned above at **1530 h on 18 January 2010** in the presence of such tenderers or their duly authorized representatives, who may like to attend.
4. Please ensure that the envelopes containing **Technical & Commercial Bids** are **sealed separately & properly i.e. either wax sealed or with adhesive cello tape on both ends and superscribed " Technical Bid" & " Commercial Bid"**. **Unsealed and stapled envelopes shall not be accepted. Demand Draft / Pay Order of Rs. 15,000/-drawn towards Earnest Money Deposit in favour of " Bureau Of Indian Standards" payable at Mumbai, shall be kept in a separate envelope and marked as EMD.**

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The EMD draft shall not be kept inside Commercial Bid envelope. All the three envelopes shall be kept in one common big envelope superscribed with the following information:

“Tender for Double Beam UV-VIS Spectrophotometer” and the address as given above.

5. The technical specification of the equipment and terms & conditions can also be downloaded from our website at – [www.bis.org.in /other/tender.asp](http://www.bis.org.in/other/tender.asp)

6. Bid without EMD shall be **summarily rejected**.

7. **Please note that the Technical Bids of only such bidders will be subjected to evaluation / assessment, who make an explicit statement towards acceptance of our General Terms and Conditions of Supply given in Annex I.**

8. Commercial Bids of only such bidders will be opened who agree to the General Terms & Conditions of Supply given in Annex I and whose Technical Bid meets the Equipment Specification as given in Annex II, and on payment of requisite EMD in favour of BIS.

9. The Bidders whose Technical Bid qualifies for acceptance will be informed about the date of opening of their Commercial Bids and will be permitted to remain present at the time of opening of Commercial Bids, if they so desire.

10. **Kindly note that the price quoted should be in Indian rupees only and the name & address of Firm/Dealer to whom the order is to be placed should be clearly mentioned.**

Thanking you,

Yours faithfully,

(M.D.Chilakwad)
Sc. E & OIC (Purchase)
Ph: 022-28218806

Encl: as above

c. : BIS Web Site

ANNEX-I

“ Double Beam UV-VIS Spectrophotometer”

TERMS & CONDITIONS

1. The BUREAU gives FIRST PREFERENCE in its purchase to Goods bearing ISI Certification Mark and then preference is given to those Goods which conform to the relevant Indian Standard Specifications.
2. The delivery of the equipment shall made within 40 days of receipt of the order on **door delivery basis**. If it is not possible to effect delivery within the stipulated period, the supplier/manufacture is required to specify the date by which he can guarantee the delivery of the equipment.
3. The **Technical & Commercial Bids and the EMD draft, with Ref No. & Date indicated on each envelop shall be sealed in separate envelopes**. All the three envelopes shall be kept in one common envelop duly sealed & superscribed with the required information given in the covering letter. The Bids shall remain valid for a period of **120 days** from the date of opening of Technical Bid.
- 3.1 The **Technical Bid** - shall be accompanied with complete specification, manufacturer's name, address, make & model No. of the equipment quoted, warranty period along with following details:
 - a. List of infrastructural facilities and consumables to be arranged by the Bureau required for installation & commissioning of the equipment.
 - b. **List of at least 5 (five) reputed users like PSUs, Govt Labs in India, Regulatory bodies** with complete postal address, contact person, phone number etc to whom the same equipment has been supplied.
 - c. The supplier/manufacture should have local service support facility. Details of such locations near Mumbai from where after sales services shall be provided along with the name, address, contact number of uthorised Servicing Agent. The supplier/manufacturer should be able to undertake Annual Maintenance Contract along with required calibration for post warranty support. Warranty Period of the equipment quoted shall not be less than one year.
 - d. The optional and any other essential items/accessories required for maintenance of the equipment for the next three years.
 - e. Technical literature of the equipment highlighting the salient features including operational, safety features, Dos & DON'Ts .

Note: The period of warranty quoted for the equipment shall in no case be less than one year.

4. Cost of the equipment should be mentioned only in the **Commercial Bid**. Under no circumstances, cost of the equipment be declared in Technical Bid. **It may be noted that the Cost declaration in Technical Bid in any manner is liable to make the Bid invalid.**
5. The tender received in the any one of the following manner are liable for rejection:
 - a) Incomplete Tender as well as Tender/Bids quoted with indefinite expressions such as "Subject to immediate acceptance, Subject to prior sale" etc.
 - b) Tender not accompanied with Demand Draft of requisite amount towards "Earnest Money Deposit".
 - c) Tender which is submitted without following the Two-Bid System.
 - d) Unsigned Tender.
6. The rate quoted should separately indicate Basic Cost of the equipment with all accessories, Excise Duty, Sales Tax, P&F charges, VAT and any other duty /tax as **applicable. Bureau is exempted from Octroi. Certificate or letter for exemption from paying Octroi will be provided by us after placing purchase order while taking delivery of the equipment.** In absence of any such stipulation, it will be presumed that the price includes all such charges and no claim for the same shall be entertained at any later date. **Form C/D shall not be provided by BIS. The payment shall be made in INR only.**
7. Each tender document shall be accompanied with an **EMD of Rs. 15,000/-**. The demand draft for the EMD amount shall be drawn in favour of "**BUREAU OF INDIAN STANDARDS**" payable at Mumbai. The sealed envelope containing EMD should be superscribed "**EMD**" and **stapled separately with the envelope containing the Technical Bid.**
8. EMD of the unsuccessful bidders shall be returned to them at the earliest after expiry of the bid validity and latest on or before the 30th day after award of the contract whichever is earlier.
9. After receipt, satisfactory installation & commissioning of the equipment, EMD of the successful bidder shall be either refunded or adjusted against the Contract Performance Security Deposit to be retained by BIS.
10. BIS shall pay 90 % of the cost and taxes in full after satisfactory installation & commissioning. The balance 10 % will be retained as Contract Performance Security and would be released after satisfactory expiry of Warranty Period (one year minimum).
11. The **warranty period** of the equipment shall **be stated clearly** in the Technical Bid. In case the same is not found stated, it will be presumed that the **warranty period mentioned by The Bureau in the tender document is applicable.**
12. Please mention clearly in the Technical Bid, the complete address and contact details of **arrangements for service/repair** of the machine. Suppliers having such arrangements near Mumbai would be preferred.
13. The goods received would be subject to acceptance by BIS after successful installation, commissioning and the decision of BIS in this regard shall be final & binding. Rejected items/goods shall be removed by the supplier at his own cost and risk, within 30 days of the 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.

14. **The Bureau reserves the right to accept or reject summarily the tender in whole or part thereof without assigning any reason whatsoever.**
15. The Bureau takes no responsibility for delay, loss or non-receipt of tender after despatch.
16. **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 specifications.
 - 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.
17. All questions, disputes or differences arising out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of Mumbai Courts.
18. **The authorised signatory of the bidder shall sign with name & designation of the signatory spelt out on each page of the Technical as well as Commercial Bid.**

(M.D.Chilakwad)
Sc. E & OIC (Purchase)

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Annexure II

Technical Specification of " Double Beam UV-VIS Spectrophotometer"

Sl No.	Parameter.	Requirement.	Response of Bidder (Indicate details of the machine offered)
1	Wavelength Range.	190-900 nm or better.	
2	Optics.	True Double beam optics.	
3	Spectral Bandwidth.	Variable from 0.5 to 4 nm	
4	Wavelength accuracy.	± 0.2 nm or better.	
5	Wavelength repeatability.	± 0.1 nm or better.	
6	Wavelength scanning speed.	Software controlled variable.	
7	Photometric range	± 3 abs or better.	
8	Photometric accuracy.	$\pm .001$ A or better at 1 A.	
9	Photometric repeatability	Minimum 0.001A or better.	
10	Photometric stability.	Minimum 0.00015 A/hour.	
11	Light Source.	Tungsten Halogen for Visible and Deuterium for UV region with automatic source change.	
12	Stray Light at 220, 340, 370 nm.	0.01%T or lesser.	
13	Minimum no of cell holders.	4 .	
14	Replicates for each standard.	3 or more.	
15	Detector.	Suitable for the above parameters.	
16	Cell holder	Should be able to hold cells with optical pathway ranging from 1 to 5 cm.	
17	Software.	Software with full support for data acquisition, graphical display, peak search, derivative spectra and variable report templates. The software should be GLP compliant.	
18	Cuvette	Minimum 4 no of Quartz Cuvettes compatible with the spectrophotometer to be supplied alongwith.	
19	Hardware.	Minimum P1V, 3GHz, 80GB HDD, 17" Flat screen LCD monitor, 2 USB ports with laser jet printer.	
20	After sales service.	After sales service and AMC to be provided by original supplier/Authorized dealer at Mumbai.	
21	Training.	On site training at our laboratory premises for our personnel should be provided till our satisfaction.	
22	Warranty.	Minimum one year from date of installation.	

- NOTE :** 1. Every page of both Technical and Financial bid to be signed by Authorized signatory of Bidder along with full name and stamp .
2. All the features quoted should be for a single model and not for a group. The model number should be clearly mentioned.
3. The Technically qualifying Manufacturer/Supplier shall have to demonstrate the practical functionality of the equipment at a location nearby Mumbai before opening of the commercial bid.