

Ref: CL/PP/BID-05(07-08)

Date: 17-04-2007

Subject: SUPPLY OF LAB ELECTRIC OVEN FOR TESTING OF GLS Lamp for CL

Dear Sirs,

Technical & Commercial Bids are invited for the supply of **LAB ELECTRIC OVEN FOR TESTING OF GLS Lamp for CL**, in **separate SEALED** covers, which should reach the undersigned latest by 1700 h, on **09 May 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 10 May 2007** and in the presence of such tenderers or their duly authorized representatives, who may like to attend.
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 & Unstamped Bids in 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,

Encl.: **as above**

Yours faithfully,

-Sd/-
Director & Head (Planning & Purchase)

Annex I

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

EQUIPMENT /SPECIFICATION CODE : ACE 06

**NAME OF THE EQUIPMENT : LAB ELECTRIC OVEN FOR
GLS TESTING**

PROPOSED FOR BIS LABS : CL ELECTRICAL

TOTAL QUANTITY REQUIRED : Three

Purpose : To carry out test for Resistance to torque after heating test on GLS Lamps

Reference : Clause 4.5.3 and 4.5.4 of IS 15518(Part 1): 2004

Features :

1. **SIZE:** The capacity of the oven shall be sufficient to accommodate 10 sets of samples of 125 lamps each. It shall be of double door type and a vertical partition be provided in the middle of the oven. The total inner dimensions of the chamber (for both partitions) shall be 100cm x 250cm x 150 cm (min.) (HxWxD).
2. Inner chamber shall be of Stainless Steel of min thickness 0.8 mm and should be resistant to corrosion. Ten shelves shall also be provided (five equidistant shelves in each chamber) in the Oven. There shall be provision for keeping 130 lamps equally spaced in each tray and provision of circulation of air with proper support and skirting and dropdown handles. The nuts, screws and hinges of the inner chamber shall be of stainless steel or of brass.
3. High grade fiber/mineral wool shall be used between the walls for insulation.
4. Air circulation shall also be provided to achieve the requirements as per IS 3400(Part 4) – specifications for laboratory oven.
5. **Temperature control:** The temperature shall be from ambient to 250°C.

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6. Separate temperature indicator and controller (PT-100 type) shall be provided for controlling the temperature inside the cabinet. The least count of the indicators shall be at least 0.1°C.
7. Accuracy of the controller shall be preferably 0.5% \pm 1 digit of temperature.
8. The control panel of the oven shall be separate and should be connected to the main body through a connector.
9. The oven shall be able to work in the ambient conditions.
10. Input to the oven shall be 230V, ac, 50 Hz. It should be of continuous duty. Stabilized power supply provision should be provided with the oven, if required.
11. A separate data logger along with printer and UPS of adequate rating shall also be provided to measure and record the temperature inside the oven on a continuous basis. The printout should indicate Sample Nos, Date of commencement of test, date of completion of test, any power break down period and temperature in °C.
12. The equipment shall be supplied with Calibration certificates for all measuring and indicating instruments from NABL accredited laboratory.

ANNEX-II

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 & duly superscribed (giving Equipment name, technical/financial bid, due date of opening & Ref. No. on the top of the envelope)**. Such Bids shall remain valid for a period of 90 days from the date of opening.
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.
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 D shall be provided by BIS.**
6. Each tender document shall be accompanied with **EMD of 3% of total cost of the equipment (excluding taxes)**. 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. No disclosure of EMD in Tech. Bid.**
7. BIS shall pay **90%** of the cost after satisfactory installation & commissioning and the Balance of **10% as contract performance security** would be paid after expiry of warranty period. However other terms of payment for contract performance security can also be considered, if so stated clearly.
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.