

Ref: CL/DCLE/10:7/BID-01 (09-10)

Date: 11-02-2010

Subject: SUPPLY OF Tubular Ageing Oven (BCE 09) for CL

Dear Sirs,

Technical & Commercial Bids are invited for the supply of **Tubular Ageing Oven (BCE 09)** for CL, in **separate SEALED** covers, which should reach the undersigned latest by 1700 h, on **04 March 2010**, at the following address:

Director& Head (Electrical)
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 **1600 h on 05 March 2010** 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 (Electrical)
Ph. 0120 - 4177130
Email: cle@bis.org.in

Annex-I

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

EQUIPMENT /SPECIFICATION CODE: BCE 09

NAME OF THE EQUIPMENT : **TUBULAR AGEING OVEN**

PROPOSED FOR BIS LABS : **CL ELECTRICAL**

TOTAL QUANTITY REQUIRED : **One**

Purpose : For Loss of Mass Test on cables.

Type of Equipment : Electrically Operated Heating Cabinet / Oven.

Reference of IS : IS: 10810 (Pt-10 & 11)-1984, IS: 6365-1971

Control of Temp : Electrically operated with PID control.

Inner Dimension : Diameter = 100 mm.
of each Cell : Depth = 300 mm.

No. of Cells : 8 Cells

Temp. range : 0 - 250 °C (each cell)

Test Temp. : 80 °C, 100 °C & 135 °C
(Normally used)

Least Count : 0.1°C

Accuracy : ± 1°C

Features :
 i) Digital display of temperature and rate of air-flow of individual cell.

 ii) Ageing Oven consisting of 8 Tubular cells of 300 mm depth and 100 mm inner diameter.

- iii)** There shall be provision of Temperature control of individual cell with PID & digital temp. indicator.
- iv)** There shall be provision for control of air flow in individual cell with digital indicator.
- v)** Provision of Central Unit for Controlled air flow to all Cells.
- vi)** Provision for recording and printing of test parameters of individual cell with the help of suitable Data Logger with UPS of 1 h line back up and associated printer.
- vii)** The Data Logger shall have provision to set Sample Address, Cell No., Date, Time, scan time (0-15 sec) and Scan interval (0-60 min).
- viii)** The equipment shall give at least following print out:
 - a) Sample Address (E-123789)
 - b) Cell No. (1 to 8)
 - c) Date
 - d) Time
 - e) Temperature of each cell
 - f) Ambient temperature
- ix)** Cap / Lid of the cell (tube) shall have suitable provision to suspend the specimen as per Cl. 8.2 of IS: 10810 (Pt-10)-1984.
- x)** The air shall enter the Cell in such a way that it flows over the surface of the test pieces and leaves near the top of the Cell.
- xi)** The oven shall have a rate of air-flow such as to give 8 to 20 changes per hour in each cell.
- xii)** All measuring devices shall be supplied with calibration certificate from NABL accredited agency.

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 affect 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.
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 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. PAN / TIN shall be mentioned in financial bids.**
6. Each tender document shall be accompanied with **EMD of 3% of 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.**
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 **shall be at least 1 year and be stated in the** Technical Bids.
9. Please mention clearly in the Technical Bids regarding address of **arrangements for service/repair** of the equipments is 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.