

Our Ref:CL/DCLE/10:7/BID-01(11-12)

Date: 10 May 2011

Subject: SUPPLY OF PURE SINE WAVE PROGRAMMABLE POWER SUPPLY FOR TESTING OF GLS LAMPS

Dear Sirs,

Technical & Commercial Bids are invited for the supply of - **PURE SINE WAVE PROGRAMMABLE POWER SUPPLY FOR TESTING OF GLS LAMPS**, in separate SEALED covers, which should reach the undersigned latest by **1700 h**, on **02 June 2011**, 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(s) 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 03 June 2011** 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 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,

(P S RAO)
HEAD (ELECTRICAL)
Ph: 0120-4177130, 9958116968
Email: cle@bis.org.in

ANNEX-I

BUREAU OF INDIAN STANDARDS CENTRAL LABORATORY EQUIPMENT SPECIFICATION

NAME OF THE EQUIPMENT	: PURE SINE WAVE PROGRAMMABLE POWER SUPPLY FOR TESTING OF GLS LAMPS
PROPOSED FOR BIS LABS	: CL ELECTRICAL
TOTAL QUANTITY REQUIRED	: 1 No.

SPECIFIC REQUIREMENTS:

1. The output of Programmable Power Supply shall be 500 VA.
2. The Power Supply shall be able to connect to incoming 1 Phase 230 V 50 Hz ac power and regulate it as per requirement.
3. The equipment shall provide a stable pure sine-wave output supply for testing lighting source.
4. The equipment shall have provision of harmonics / surge suppressors.
5. Input Voltage 230 V \pm 10%, Input Frequency 50 \pm 3 Hz, Single Phase AC.
6. Output Voltage 0-270 V AC Selectable, Output Frequency 50 Hz, Single Phase AC.
7. Output Voltage Regulation at least \pm 0.5% and Output Frequency Regulation at least \pm 0.2%.
8. The equipment shall have Terminals to see the waveform through Digital Oscilloscope.
9. Output Trip and Indication in case of Overload / Over Temperature / Short-circuit shall be provided.
10. Input Over-current protection shall be provided.
11. Provided with Input and Output switch and Indication.
12. Digital Display of Input / Output Voltage and Frequency.
13. The equipment shall be supplied with operation manual, circuit diagram.
14. Service of the life test system should be available in / around Delhi.
15. The supplier of this system shall give warranty of at least one year from the date of commissioning.

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**. Such Bids shall remain valid for a period of 180 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 C/D shall not be provided by BIS.**
6. Each tender document shall be accompanied with **EMD of 5% 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 superscribed "**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 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 differences arriving under, out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of Delhi/ Ghaziabad Courts.