

Ref: CL/PP/BID-01(13-14)

Date: 31/05/13

**Subject: SUPPLY OF 75 kVA DG Set**

Dear Sirs,

Technical & Commercial Bids are invited for the supply of **75 kVA DG Set** in **separate SEALED** covers, which should reach the undersigned latest by **1500 h, on 24/06/13,** 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 **1530h on 24/06/13** 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. The envelope containing EMD shall be stapled separately with the envelope containing the commercial Bids. The value of EMD should not be disclosed in technical bid.

6. The specifications and Terms & Conditions can also be downloaded from Central Public Procurement portal **www.eprocure.gov.in** and also from BIS Website – **www.bis.org.in** .

Thanking you,

Encls.: **as above**

Yours faithfully,

(U.K. Kher)  
**Head (Planning & Purchase)**  
**Ph: 0120-4177110 fax: 0120277**  
**Email: clpp@bis.org.in**

**Annex –I**

**Technical Specification for:**                      **75 kVA DG Set**

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**NAME OF THE EQUIPMENT**    **: 75 kVA DG Set**

**ROPOSED FOR BIS LAB**    **: Central Lab.**

**TOTAL QUANTITY REQUIRED**    **: One**

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Items	Feature	Requirement	Response of bidder. Indicate only Yes /No.
DG Set & Engine	Rating(k VA)	75 kVA	
	Rated kW	60 kW	
	Voltage	415 V	
	Voltage Regulation	±1%	
	Nos of Phase	Three	
	Power factor	Not less than 0.8	
	Speed	1450 - 1500 rpm	
	frequency	50 Hz	
	Enclosure	SDPD	
	SFC(g/BHP/h)    Fuel (at 75% Load)	Not More Than 150	
	Fuel	HSD	
	Fuel Tank Capacity	150 Lt Min with arrangement for measurement	
	Exhaust System	i) Silence Type ii) Location at top iii) Radiator inside the Canopy	
Alternator	Rating (k VA)	75kVA	
	<b>No of Phases</b>	3	
	Power Factor	0.8	
	Battery	32AH/12 V( Make Exide/ Amaron/Luminous/Microteh etc)	
	Quantity of Battery	2 nos. and/or more with charging alternator facility	
	Exhaust System	Silent as per specification Radiator inside canopy	
	Cooling	Radiator/Forced Cooling	
	Insulation Class	H	

Chemical Earthing Electrode	No of Chemical Earthing Electrode Required including installation & commissioning.	3 No.	
Cables & Thimbles	Size of Cable	3 ½ Core, 240 sq mm, Stranded Compacted Aluminum Conductor A2XYFY	
	Type of Cable	XLPE Cable	
	Length of Cable	50 m	
	IS No.	ISI Marked , IS 7098( Pt-1)	
	Thimbles	Suitable Thimbling etc complete.	
Control Panel & Other Items	Control Panel & Display	Provision of all Engine parameter display such as oil Pressure, Coolant pump , battery Voltage, Charging status, engine speed, Engine temperature ,Time recorder for running of DG set in Hrs and minutes	
	Functions	Automatic online start while power cut and automatic stop while power resumption with manual operation provisions, EMF panel	
	Installation	Complete installation including cabling and other accessories complete up to changeover	
	warranty	Minimum 2 years after Installation & commissioning	
	Emergency Stop /Alarm	Provision of emergency stop and emergency alarm	
	Canopy	CRCA steel sheet with noise level of 75 DB at one meter distance as per CPCB norms	
	Safety devices	Display/ alert/ audio alarm for low lubricating oil, low battery, overheating, overloading ,Faults, Fire, Short circuit, MCCB shunt etc.	

## ANNEX-II

### **BUREAU OF INDIAN STANDARDS (CENTRAL LABORATORY)**

#### **TERMS & CONDITIONS for Limited Tender Enquiry**

1. The Tenderers are requested to give detailed tender in the forms of two bids i.e.  
**Part - A Technical Bid.**  
**Part - B Financial Bid.**
2. **The Technical & Financial Bids should be sealed and sent separately in sealed envelopes & duly super-scribed (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 **120 days** from the date of opening.
3. The technical bid has to be filled in the format given above (Annex-I) compulsorily. Various Technical features may also be elaborated separately if so desired by the bidder. Original catalogues with relevant features should be supplied along with the bids. Every page of the technical & financial bid must be signed by the authorized signatory of the bidder along with their stamp.
4. Bidders may be required to arrange practical demonstration of equipment/model quoted by them before finalization of order.
5. The Technical Bid [Part A] should accompany complete specification, Manufacturer's name, address and following details :
  - a. Expected life span of equipment and accessories.
  - b. List of pre-installation facilities required for installation and commissioning of equipment and also consumables to be arranged by the Bureau,
  - c. List of the Users in India especially Govt. Labs. /Institutes 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 clause wise photograph/drawings, if any
  - g. **Compliance statement vis-à-vis specification clauses, including statement of deviation, if any (Annex-III).**
  - h. **Delivery Period:** The delivery of the equipment is required to be made within 90 days of the date 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.
  - i. **Warranty:** The equipment is to be guaranteed for trouble free performance for a **minimum period of two years after commissioning**. The defects, if any, during the warranty period are to be rectified free of charge by arranging free replacement wherever necessary.
  - j. The Tenderer is required to furnish the Permanent Account Number (PAN)/TIN of the firm Allotted by the Income Tax Department.

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 financial Bid. No disclosure of amount of EMD in Technical Bid should be done.** Cost of the items should be mentioned clearly in the **Financial Bid [Part-B]** 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. The rates quoted should separately indicate Basic Cost, Excise Duty, Sales Tax, Packing & Forwarding 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. In case of foreign supplier BIS shall pay Custom Duty.**
  - c. Rebate on the quoted price, if additional equipment is procured for any other BIS Lab, and
  - d. The Annual Maintenance Contract charges for next three years after the expiry of warranty period.
  - e. CIF (Carriage Inward & Freight), Sahibabad value both by Airfreight and Ocean freight, where applicable.
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. **In case of foreign suppliers** 100% payment shall be made by an Irrevocable Letter of Credit established in favour of the supplier through the Canara Bank, DDU Marg, New Delhi, for the order value provided an unconditional Performance Bank Guarantee valid till 60 days after the warranty period from a Nationalized Bank for 10% of the order value within 15 days of placement of the order is given to us. The Agency Commission to the Indian Clearing Agent will not be paid by the Bureau. The firm has to arrange for it. BIS shall provide Custom Duty Exemption Certificate at the time of Custom Clearance as well as any applicable Custom Duty.
8. Place of Delivery: The DG set shall be delivered at our Lab:
- Director & Head (Central Lab)  
BUREAU OF INDIAN STANDARDS,  
Plot No 20/9, Site IV, Sahibabad Industrial Area,  
Sahibabad, Distt Ghaziabad,  
UP -201010
9. Quotations/bids qualified by indefinite expressions such as “Subject to immediate acceptance” etc. and incomplete quotations are liable to be summarily rejected.
10. In case of foreign quotation, the address of Principal / Manufacturer and their Banker’s details should be furnished. The supplier is required to have an import license for the equipment quoted where applicable as per GOI guidelines.

11. All goods shall be inspected by BIS preferably in the presence of supplier or his authorized representative, when the packages are opened in Labs prior to installation. 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
12. Removal of such goods, and no liability, whatsoever, on the Bureau shall be attached for the rejected/disapproved goods/items/stores.
13. INSTALLATION: Bidder shall be responsible for installation / demonstration wherever applicable and for after sales service during the warranty and thereafter. If the supplier fails to supply, install and commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay Penalty of one percent of the value of Purchase Order awarded per every seven days delay, subject to a maximum of 10% of the total value of the order and such money will be deducted from any money due or which may become due to the supplier.
14. The supply of spare parts is to be guaranteed at least for a period of 10 years after the supply of the equipment.
15. The Bureau reserves the right to accept or reject summarily and/or all tenders in whole or part without assigning any reason whatsoever.
16. The Date and Time of opening for Part B (Financial Bid) will be intimated only to technically acceptable/qualified tenderers at a later date.
17. In case of any dispute arising out of this agreement then DG BIS shall nominate any officer of the BIS a sole arbitrator to adjudicate upon the issue involved in the dispute and the provisions of the Arbitration Act shall be applicable.
18. All question, disputes or differences arising under, out of or in connection with this Bid document shall be subject to the exclusive jurisdiction of Delhi/Ghaziabad Court.

### **Annex- III**

#### **DEVIATION STATEMENT FORM**

- 1) The following are the particulars of deviations from the requirements of the tender document and specifications:

<b>SPECIFICATION CLAUSE</b>	<b>DEVIATION</b>	<b>REMARKS (INCLUDING JUSTIFICATION)</b>

**PLACE:**

**DATE:**

**SEAL & SIGNATURE OF BIDDER**

**NOTE: 1. Where there is no deviation; the statement should be returned duly signed an endorsement indicating “No Deviations”.**

## **ANNEXURE-IV**

### PERFORMANCE SECURITY FORM

To \_\_\_\_\_ (Name of Purchaser)

**WHEREAS** \_\_\_\_\_ (Name of supplier)

Hereinafter called "the Supplier" has undertaken, in pursuance of Contract No. \_\_\_\_\_ dated \_\_\_\_\_ 201\_ to supply \_\_\_\_\_ (Description of Goods and Services) hereinafter called "the Contract".

**AND WHEREAS** it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a Nationalized Bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

**AND WHEREAS** we have agreed to give the Supplier a Guarantee:

**THEREFORE WE** hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of \_\_\_\_\_ (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of \_\_\_\_\_ (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the \_\_\_\_\_ day of \_\_\_\_\_ 201\_.

Signature and Seal of Guarantors

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Date -----Month      2013

Address -----

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