

S. N. Bose National Centre for Basic Sciences

Block JD, Sector III, Salt Lake, Kolkata – 700098

(An autonomous national centre funded by the Department of Science & Technology,
Government of India)

Tender No.SNB/PUR/OT/8/

Date: 05/08/2008

OPEN TENDER

Sealed tenders are hereby invited for the following item in two parts (separate technical and commercial bids) in the name of the Director, S.N. Bose National Centre for Basic Sciences from reputed vendors. One large envelope having two smaller envelopes containing separately – Part A: Technical Bid and Part B: Commercial Bid need to be submitted. Two smaller envelopes should be superscribed Technical Bid / Commercial Bid as the case may be. The Commercial bid will also consist of two parts – (a) cost of the DG Set, and (b) Cabling charges and required civil work for installation & commissioning of the item may be offered on turnkey basis. Your technical offer must mention about the site requirement, if any. In case of any technical clarification / site inspection and related matter Mr. J.R. Bhattacharya, Superintending Engineer of the Centre may be contacted.

A Demand Draft of Rs.1,00,000.00 (Rupees One Lakh only) in favour of “S.N. Bose National Centre for Basic Sciences” payable at Kolkata must be submitted along with the Technical Bid as Earnest Money Deposit.

The detailed technical specifications and terms & conditions can be obtained from the website: <http://www.bose.res.in>. The detailed specifications can also be obtained from the Centre by post on request or in person from the Registrar on any working day.

The sealed quotation must reach this office within **2nd September, 2008**.

Note:Matter published in Ananda Bazar Patrika, The Telegraph (all issue), The Hindu (all issue), Times of India(Kolkata issue), Times of India (Munmbai Issue), Hindusthaan Times (Delhi Issue), Indian Trade Journal (13th August Issue)in both English and Hindi version.

<i>Sl.No.</i>	<i>Name of Item</i>
1.	Supply, Installation and Commissioning of 500 KVA Silent Diesel Generator Set.

Sd/-
Registrar

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NOTICE INVITING TENDER

Tender No.SNB/PUR/OT/8/

Date: 05/08/2008

Sealed tenders are invited for the equipment as per the details enclosed from the reputed, established and competent manufacturers / suppliers in two bids – technical and financial. The details of tender documents are as follows:-

1.	<i>Name of office inviting tender</i>	S.N. Bose National Centre for Basic Sciences Block JD, Sector III, Salt Lake, Kolkata – 700098
2.	<i>Name of item</i>	Supply, Installation and Commissioning of 500 KVA Silent Diesel Generator Set with required cabling and civil works.
3.	<i>Specifications of the equipments</i>	Can be obtained from the Purchase Section of the Office at the address given in Sl.No.1 on any working day between 11:00 hours and 16:00 hours. The specifications are also available at our website address: www.bose.res.in
4.	<i>Separate bid for Part-A: Technical and Part-B: Commercial</i>	One large envelope having two smaller envelopes containing separately – Part-A: Technical bid and Part-B: Commercial bid need to be submitted. Two smaller envelopes should be superscribed Technical bid / Commercial bid as the case may be.
5.	<i>Submission of Tender</i>	The tender documents duly filled in arranged and sealed in aforesaid manner should be sent to: The Director, at the address given under Sl.No.1 above so as to reach him within 21 days of date of publication of advertisement. The envelope should be superscribed “Tender against Advt..... dtd..... The commercial bid of only technical qualified tenders will be opened.
6.	<i>Opening of Commercial bid</i>	The Commercial bid will be opened in the presence of Tenderers / their representatives. The tenderer who will qualify for above will be notified in due course after technical selection.
7.	<i>Documents to be attached along with the tender</i>	A list showing names and address of the National Research Institutes / Universities / Centre of Higher Learning around the world to whom similar equipments have been sold mentioning Model number and year of manufacture / supply, including those sold in India.

This office will not be responsible for postal or any other delay and the Authority of the Office reserves the right to accept or reject any or all tenders without assigning any reason. Tenders / offers sent by fax / email will not be entertained and would be rejected.

DIRECTOR

Item: Supply , Installation and Commissioning of 500kVA Silent Diesel Generator set.

Technical Specification of 500 KVA Silent Diesel Generator Set.

1. KVA rating -500 KVA (For unlimited nos. of hour)
2. KW rating at 0.8p.f. = 400KW. („)
3. Voltage – 415 V
4. Frequency – 50 Hz
5. Phase – 3
6. P.F. – 0.8
7. Stator winding Connection : STAR (Y)
8. RPM- 1500
9. Overload capacity- For 1 hour in 12 hour operation shall be minimum 10%
10. Lub oil change period – 250 – 300 Hrs.
11. Alternator efficiency – >95%
12. Noise level - 73 – 75 dBA
13. Thermal efficiency – 45%
14. Mechanical efficiency – 85%
15. Fuel Type – Diesel

(1) Fully digital display for monitoring the Machine.

(2) Installation, commissioning and interfacing with existing distribution system.

OPTIONAL

- 1 Warranty – 2 years
- 2 Emphasis will be given to go for Eco-Friendly system.
- 3 Method of starting – Automatic