

NATIONAL INSTITUTE OF TECHNOLOGY PATNA
(An Institute under Ministry of HRD, Govt. of India)
ASHOK RAJPATH, PATNA-800005, BIHAR (INDIA)

Advt. No. 03/11-12

Tender No. NITP/11-12/04

NOTICE INVITING TENDER

Sealed tenders from the authorized and experienced manufacturers/dealers/supplier for supply of 320 KVA Diesel Generator Set at NIT Patna are invited by the undersigned upto 12.05.2011 till 12.30 pm. Tender documents may either be obtained from the office of the Registrar NIT Patna during office hours between 10.00AM to 4.00PM on working days upto 11th May 2011 on payment of Rs. 3000/- (Non refundable) in cash or be downloaded from the website of the Institute and tender document fee of Rs. 3,000/-(Non refundable) is to be deposited by the tenderer by D.D/Bankers cheque in favour of Registrar, NIT Patna, Payable at Patna. Tenders received for supply of 320 KVA Diesel Generator Set at NIT Patna will be opened on 12.05.2011 at 02:00 pm in the presence of authorized representative of the tenderers, if they so desire, at NIT Patna.

Terms & Conditions:

1. The tender documents are of eight (08) pages.
2. The rates quoted will be inclusive of all taxes, Excise duty, VAT etc as applicable showing each component separately and VAT will be deducted at source.
3. TDS as applicable on date will be deducted from the bill.
4. Entry tax, if applicable will be borne by the Bidder.
5. NIT Patna reserves the absolute right to accept or reject any or all the tenders on whole or in part without assigning any reason thereof.
6. Technical features of the offered equipment vis-à-vis specification should conform to as per Annexure – I and the tender must be complied for Terms & Conditions mentioned in Annexure –I
7. The article supplied should conform to manufacturers of standard quality, specifications & test.
8. Articles/Services should be delivered to NIT Patna without any extra charge.
9. Guarantee/Warranty clause should be clearly mentioned and Guarantee card/ Warranty card should be furnished along with the article supplied.
10. Terms of payment: a) 98% of the supply price will be made against receipt of materials in good condition in store, after final inspection and satisfactory installation certificate given by the competent authority and submission of Bank Guarantee for 8% of Supply Price, valid for one year. b) 2% of the supply price will be paid after receipt of Audit Report of the relevant year.
11. NIT Patna reserves the right to reject any articles/services found defective, damaged and or not of the desired quality and specification. Decision of NITP will be final.
12. Any loss or damage caused to the article in transit is to be made good by the supplier free of cost within reasonable time.
13. Postal or courier delay will not be considered and the Tender received late will be rejected.
14. Earnest money of Rs 50,000/-(refundable), which may be enclosed, in the form of Account Payee D.D / Bankers' Cheque drawn in favour of the Registrar, NIT Patna payable at Patna.
15. Security deposit/E.M. can be forfeited in case of non-supply/part supply /delayed supply of material unless permitted in writing by NIT Patna.
16. No escalation in respect of materials, labour, custom duties, freight etc. will be allowed in any shape.
17. The bids shall be submitted in three parts, viz. i) EMD should be in the form of Account payee Demand Draft / Bankers' Cheque in favour of Registrar, NIT Patna payable at Patna, ii) Technical bid and iii) Financial bid. Technical bid should contain papers regarding registration of the firm, manufacturer must have ISO-9000 Certificate, Manufacturer's Authorisation Letter, Balance sheet for last 3 years, clearance from sales tax, PAN Card, Work Experience and completion certificate of similar type of work, Terms & conditions. Financial bid should contain duly filled up **Annexure II**, indicating installation charges, duties & taxes as applicable separately. The above three bids must be signed and sealed by the bidder in separate cover duly super-scribed EMD, Technical bid and Financial bid respectively and all three sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed. 'Bid for supply of 320 KVA Diesel Generator Set at NIT Patna vide Tender No. NITP/.....'. A bidder who submits more than one bid shall be disqualified.
18. A declaration should also be furnished by the agency that they will supply the original product of the manufacturing company. In case of supply of duplicate product suitable action will be taken against the agency including forfeiture of E.M./Security Deposit.
19. The bid document/resultant contract will be interpreted under Indian Laws and subject to the jurisdiction of courts in Patna.

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BID DOCUMENT

Name of the work: - Supply of 320 KVA Diesel Generator Set at NIT Patna

1. Instructions to the bidders

- 1.1 Sealed bids are invited on behalf of the Director, National Institute of Technology Patna – 800005, Bihar, for Supply of 320 KVA Diesel Generator Set at NIT Patna as per specification given in the Annexure I.
- 1.2 The bidders should quote their offer/rates in clear terms without ambiguity.
- 1.3 The rates should be quoted both in figures and words and legibly written without any over-writings. In case of any correction, the same must be attested by the bidder with full signature; however, no over-writing is permissible.
- 1.4 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.5 The last date for receipt of the bid is marked in the tender document. In case the above date is declared a holiday for NIT Patna, then the bids will be received up to the given time on the next working day.
- 1.6 The bids may be sent by registered post/speed post/courier service/by hand so as to reach the Registrar, NIT Patna before/on the last date & time of receipt.
- 1.7 Bids received after the deadline of receipt indicated in para 1.5 above, shall not be taken in to consideration.
- 1.8 The bids shall be submitted in three parts, viz. i) EMD should be in the form of Account payee Demand Draft / Bankers' Cheque in favour of Registrar, NIT Patna payable at Patna, ii) Technical bid and iii) Financial bid. Technical bid should contain papers regarding registration of the firm, manufacturer must have ISO-9000 Certificate, Manufacturer's Authorisation Letter, Balance sheet for last 3 years, clearance from sales tax, PAN Card, Work Experience and completion certificate of similar type of work, Terms & conditions. Financial bid should contain duly filled up **Annexure II**, indicating installation charges, duties & taxes as applicable separately. The above three bids must be signed and sealed by the bidder in separate cover duly super-scribed EMD, Technical bid and Financial bid respectively and all three sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed. 'Bid for supply of 320 KVA Diesel Generator Set at NIT Patna vide Tender No. NITP/.....'. A bidder who submits more than one bid shall be disqualified.
- 1.9 The cover containing the bid must be sealed and super-scribed as "Supply of 320 KVA Diesel Generator Set at NIT Patna vide Tender No. NITP/-----".

- 1.10 The bids shall be opened in the Chairman's Purchase Committee office on the date and time given in the tender document. The bidders may attend themselves the bid opening meeting or may send their authorized representative to attend the bid opening meeting, if they so desire. In the event of the above bid opening date being declared holiday for the NIT Patna, the bids will be opened at the specified time and place on the next working day.
- 1.11 The bidder has to sign in full at all pages of the bidding document.
- 1.12 Technical features of the offered equipment vis-à-vis specification must be as per Annexure – I.

2. Conditions of the bid

- 2.1 The rates quoted should preferably be net, inclusive of all taxes and duties, packing, forwarding, freight, Insurance and all other incidental charges and these taxes should be shown separately.
- 2.2 Supply must be completed within 60 days from the date of award of the work to the successful bidder.
- 2.3 The goods offered should strictly conform to the specification and technical details as per annexure – I.
- 2.4 This Invitation for Bids is open to all manufacturers or their dealers specifically authorised by the manufacturers to quote on their behalf for this tender as per manufacturer's authorization form and Indian agents of foreign principals, if any.
- 2.5 The institute may like to conduct site inspection of goods, where ever applicable.
- 2.6 The bid is to be accompanied with "Bid Security" (Earnest Money) amounting Rs. 50,000/- as stated in the Tender Document, which may be enclosed, in the form of Account Payee Demand Draft / Bankers' Cheque. The bid security shall be in favour of the Registrar NIT Patna. The bid security may be forfeited, if the successful bidder does not finish the awarded work within 60 days from the award of work.
- 2.7 The bidder has to furnish up to date VAT/CST Clearance Certificate along with the bid.
- 2.8 Payment: 98% of the supply price will be made against receipt of materials in good condition in store, after final inspection & satisfactory installation certificate given by the competent authority and submission of Bank Guarantee for 8% of supply price, valid for one year. b) 2% of the supply price will be paid after receipt of Audit Report of the relevant year.
- 2.9 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT Patna shall be final.
- 2.10 The bid document/resultant contract will be interpreted under Indian Laws and subject to the jurisdiction of courts in Patna.

- 2.11 No escalation in respect of materials, labour, duties/cess, freight etc will be allowed in any shape.
- 2.12 Bidder needs to have their registered office and service center in Patna, failing which their bid will be rejected.
- 2.13 The Institute reserves absolute right to accept or reject any or all the Tender on whole or in part without assigning any reason thereof.
- 2.14 The Institute reserves the right to reject any article/service found defective, damaged and or not of the desired quality and specification, Decision of NIT Patna will be final. The agency will make good/suitable modification as per the direction of concerned authority without further delay at their cost.
- 2.15 Postal or courier delay will not be considered and the bid received late will be rejected.
- 2.16 Earnest money/Security deposit may be forfeited in case of non supply/part supply /delayed supply of work unless permitted in writing by the Institute.
- 2.17 Standard Technical literature on each of the items offered should also be submitted alongwith the tender documents to validate that the quoted items are factory standard of the quoted brand.
- 2.18 Annual Maintenance contract (**AMC**) rate (after expiry of warranty period) is to be clearly indicated – preferably for both comprehensive and non-comprehensive terms, failure to which the offer may not be considered even if it turns out at the lowest price.
- 2.19 *Warranty/Guarantee:*
- (i) The material must be quoted with a minimum comprehensive warranty / Guarantee for the period 12 months or as per the period mentioned in tender documents by the tenderer, whichever is higher. The warranty should be comprehensive on site, repair/replacement. The Supplier should give warranty that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier should further give warranty that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- (ii) The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall immediately arrange for a standby item and within 03 days repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter.

The period for correction of defects in the warranty period is 03 days.

If the supplier having been notified fails to remedy the defects within 03 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract.

Registrar

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ANNEXURE – II

FINANACIAL BID

Sl. No	Name of the Items	Brand	Model	Per Unit Basic Cost Rs.	Taxes Rs.	Qty	Total cost inclusive of Taxes, Installation, Warranty, F.O.R. NIT Patna Rs.
01	Diesel Generator of 320 KVA (As Per Annexure II)					01	
02	Other items (if any)						
	Total Amount (Rs.)						

Signature of tenderer

Note: Additional sheet, if required, may be attached by the bidder with this financial bid.

ANNEXURE – I

DETAILS OF SPECIFICATION FOR 320 KVA DIESEL GENERATOR SET:

General: Supply, installation, testing and commissioning of 320 KVA, 394 BHP, 256KW, Silent AMF Diesel generator set at our site, complete with engine and alternator mounted on a common base frame, acoustic enclosure as per CPCB norms, AMF panel, battery and self- starter, alternator coupled to the engine for battery charging, diesel day-tank with required fuel capacity, specially designed residential silencer, etc. DG set should be provided with necessary Tool Kit for both engine and alternator. DG set should be provided with necessary Service manual, electrical circuits for both engine and alternator.

Engine: Reputed make capable of delivering full load at 1500 rpm; water cooled; 12-cylinders; with AMF control panel; AVM with acoustic enclosure type; capacity 394 BHP; 12-cylindres engine; TA type; water cooled; radiator type; 24V self-starting system with 2 Lead –Acid batteries with charging system; diesel tank as required for the engine. Engine should be able to deliver full load with acoustic enclosure. Engine should be provided with safety controls like low lube oil pressure, high water temperature, battery charging indicator, oil temperature indicator, warning signals with hooters, rpm indicator, coolant level, etc. Engine shall conform to **BS:649 or IS 10002**

Alternator: Reputed make 320 KVA, 256 KW capacity synchronous alternator suitable for continues operation rated at 1500rpm, generating 415V AC 3-phase 4 wire, 50Hz, with latest brush less, self excited, self regulated model. Alternator should have electronic type AVR etc., control panel accessories, voltmeter with selector switch,

ammeter with selector switch, frequency meter, pilot lamps, instrument fuses, control cables and other accessories, electronic KWH meter, ELCB etc. Alternator should be provided with all protection features such as over current, earth fault, etc. Alternator should conform to **BS:2613:1970, or IS 4722:1968**

AMF Control Panel: Should have arrangement for starting and loading the DG set automatically on grid failure and shut off the engine when grid is re-established, suitable ACB for incoming and outgoing should be incorporated for automatic power feeding, should include all protection for engine and alternator with fault diagnostic feature, indicating meters, suitable bus bar, etc., should have battery charging facility to keep the battery charged during idle period.

Acoustic Enclosure: The acoustic enclosure should conform to CPCB norms, well ventilated for maintain temperature, for cooling and engine breathing, should be manufactured from high quality CRCA sheet, should be suitable for all weather condition, should be provided with see through window where ever essential for monitoring parameters, designed for residential silencer, important components should be painted for protection from all weather condition. Should have provision for locking arrangement. Should have provision for emergency stopping of engine.

Quotation should be with full technical literatures/ details for both engine and alternator, guarantee, warrantee, local service centre/provider, AMC charges, two years spares and their cost, other costs if any, optional items should be separately mentioned.
