



TENDER

FOR

**SUPPLY, INSTALLATION, TESTING &
COMMISSIONING
OF
3-Phase, 25 kVA SILENT TYPE DIESEL
GENERATING SET,
WITH AMF PANEL**

Tender No. NSIC/RJP/LABDOC/312

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

Tel No. +91 1762 657301/657302/657310

Fax- +91 1762 232669

Website: www.nsic.co.in

M/s. -----

Sub: Supply, Installation, Testing & Commissioning at site 3 Phase, 25 kVA Diesel Generating set at NSIC- Technical services Centre, D-82/83 , Focal Point, Rajpura(Punjab)-140401.

Sir,

Tender documents in respect of the above mentioned works containing 29 Nos. of pages as detailed on page 3 (Index) are forwarded herewith. Please note that tender is to be delivered in the office of the The Dy. General manager, NSIC Ltd., D-82/83 , Focal Point, Rajpura(Punjab)-140401 up to 1700 hrs on 24.11.2014

The Tender should be signed on each page, dated and witnessed in all places provided for in the documents; all other papers should be initialed.

The tender should be accompanied by Earnest Money Deposit in the form of demand draft as mentioned in **Annexure/s**. Tenders without earnest money deposit shall be summarily rejected. The Technical bid of the bidders will be opened at 1200 Hrs **on 25.11.2014** and price bid of the technically qualified bidders only will be opened on a later date. All technically qualified bidders will be intimated accordingly for the same.

The person, signing the tender on behalf of company/firm or on behalf of another person shall attach with tender a certified copy of power of attorney/proper authority on a non-judicial stamp paper of requisite value duly executed in his favour by such person, company/firm and must state specifically that he has authority to sign such tenders for and on behalf of such person or company/firm as the case may be, and in all matters pertaining to the contract including arbitration clause.

This letter shall form part of the **"CONTRACT"** and must be signed and returned along with the tender documents.

Yours truly,

Deputy General Manager

THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401

INDEX OF TENDER DOCUMENTS

S. No.	Description	Page No.
1	Notice Inviting Tender	4 to 6
2	Instructions to the Tenderers	7 to 9
3	Commercial and General Terms & Conditions	10 to 16
4	Undertaking from Tenderer	17-18
5	Declaration by Tenderer	19
6	Technical Specifications of DG Set (Annexure-A)	20 to 22
7	Format & Requirement for submitting Technical Bid (Annexure-B) (Part-I)	24-26
8	Format & Requirement for submitting Financial Bid (Annexure-B) (Part-II)	27-29

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
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Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

NOTICE INVITING TENDER

NSIC-TSC, Rajpura invites sealed tender in Two bid system (Technical & Financial bid in two separate envelopes) from Original Equipment Manufacturers (OEMs) / Authorized Distributors/ Dealers/specialized contractor for DG sets for the work of "Supply, Installation, Testing & Commissioning of Diesel Generating set in their office at D-82/83 Focal Point, Rajpura, Punjab-140401

The details are as summarized below:-

a)	Name of Work:	Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel.
b)	Exhaust emission norms	The generator set shall be Central Pollution Control Board (CPCB) compliant and the Tenderer shall submit the relevant papers alongwith tender documents to prove the same.
c)	Pre-Qualification requirement (PQR) of bidders	The Tenderer shall be engaged in Supply, Installation, Testing & Commissioning of Diesel Generating set with a capacity of 25 KVA including AMF panel as detailed above at Para "a)" and shall give self declaration in this regard while submitting Technical Bid. Also the Tenderer shall enclose the list of customers to whom the supplies were made in the last three years while submitting the Technical Bid. NSIC reserve the right to call for documentary proof, if required. Refer to the Annexure-B for details about PQR & documents to be attached with Technical bid.

TENDERER'S NAME & SIGNATURE WITH SEAL

d)	Sale of tender document	The blank tender document can be collected in person from the office of Dy.General Manager, D-82/83 Focal Point, Rajpura,Punjab-140401 24 th November,2014 (except Saturday & Sunday) between 1000 hrs to 1630 hrs. Alternatively the tender form can be downloaded from our web site www.nsic.co.in from 31 th November to 24 th November 2014 up to 1630 Hrs.
e)	Cost of Tender Document	The tender document can be collected against payment Rs. 500/- (Rupees Five Hundred only) (Non refundable) by way of Cash/demand draft/Banker's cheque, in favor of "National Small Industries Corporation Ltd." payable at Rajpura(Punjab). In case the tender is down-loaded from website, the tender fee of Rs.500/- in form of demand draft from any nationalized Bank/scheduled Bank in India drawn in favor of "National Small Industries Corporation Ltd", payable at Rajpura shall be enclosed with the Technical bid of the tender while submitting their tender by Tenderer.
f)	Earnest Money Deposit along with tender	Rs.10,000/- (Rupees Ten Thousand only) in the form of demand draft in favor of "National Small Industries Corporation Ltd." payable at Rajpura(Punjab) shall be submitted along with Technical Bid of the tender while submitting the tender.
g)	Last date of submission of tender	The complete tender in a bigger envelope, containing two small envelopes, in which one envelope containing Technical bid having PQR documents & EMD and Second envelope containing Financial bid , shall be submitted received by 24 th November,2014 up to 1700 hours at the office of Deputy General Manager ,NSIC-TSC, D-82/83 Focal Point, Rajpura-140401.
h)	Date of opening of Technical Bid (envelope-1)	The first envelope containing PQR documents and EMD will be opened on 25 th November,2014 at 1200 hours at the office of

		The Deputy General Manager ,NSIC-TSC, D-82/83 Focal Point, Rajpura-140401.
g)	Date of opening of Financial Bid (envelope-2)	The date for opening second envelope containing financial bid will be intimated to the qualified bidders.

Note:

1. The sealed envelope containing PQR documents, EMD and cost of tender (where required) shall be super scribed as "Tender for the Supply, Installation, Testing & Commissioning of 25 KVA Diesel Generating Set with AMF Panel– Technical Bid".
2. The sealed second envelope shall be super scribed as "Tender for the Supply, Installation, Testing & Commissioning of 25 KVA Diesel Generating Set with AMF Panel – Financial Bid" and the said envelope shall contain all financial details of bid.
3. The one envelope containing Technical Bid and second sealed envelope containing Financial bid i.e. both these envelopes shall be placed in the big envelope super scribed as "**Tender for Supply, Installation, Testing & Commissioning of 3 Phase, 25 KVA Diesel Generating Set with AMF Panel at NSIC-TSC, Rajpura**".
4. In case of any further details are required, the same can be collected from the office of The Deputy General Manager ,NSIC-TSC, D-82/83 Focal Point, Rajpura-140401. (except Saturday/Sunday & holidays) between 1000 Hrs to 1630 Hrs..

Deputy General Manager

THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401

INSTRUCTION TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not confirming to the instructions as under is liable to be rejected.

These instructions shall form part of the tender and contract.

1. The intending Tenderer, in case of Original Equipment Manufacturers shall submit the certificate from original manufacturer that they shall be treated as OEMs.
2. The intending Tenderer, in case of authorized Distributor / Dealer shall possess valid authorized Distributorship / Dealership license from manufacturers. He shall enclose the copy of the same alongwith the tender in **Technical bid**.
3. The person signing the tender form or any other documents forming part of the contract on behalf of the Tenderer shall be deemed to warranty that he has authority to bind the Tenderer. If subsequently comes to light that the person so signed had no authority to do so, The Competent Authority may without prejudice to any other civil & criminal remedies cancel the contract or the tender and hold the Tenderer liable for all costs, charges and damages.
4. The tender must be placed in a properly sealed bigger envelope addressed to The Deputy General Manager, NSIC-TSC, D-82/83 Focal Point, Rajpura(Punjab)-140401 and the said bigger envelope shall contain two sealed envelopes containing Technical & Financial bids.
5. The bigger envelope must be super scribed "***Tender for Supply, Installation, Testing & Commissioning of 25 KVA Diesel Generating Set with AMF Panel at NSIC-TSC, Rajpura***". The two envelopes inside the bigger envelope must be super scribed as:

TENDERER'S NAME & SIGNATURE WITH SEAL

Envelope No-1: The said envelope is for technical bid & shall be super scribed as "Tender for Supply, Installation, Testing & Commissioning of 25 KVA Diesel Generating Set with AMF Panel at NSIC-TSC, Rajpura – Technical Bid".

Envelope No-2: The said envelope is for commercial bid & shall be super scribed as "Tender for Supply, Installation, Testing & Commissioning of 25 KVA Diesel Generating Set with AMF Panel – Financial Bid".

The tender should reach the office of The Deputy General Manager, NSIC-TSC, D-82/83 Focal Point, Rajpura (Punjab)-140401 by 24th November 2014 up to 1700 hours.

6. The tenders (Technical Bid only) will be opened at NSIC-TSC,Rajpura Premises on 25th November,2014 at 1200 Hours . The Tenderer or their authorized representative may be present at the time of opening of the tender.
7. The tender shall be completed in all respect and should be signed with date by the Authorized Signatory of Tenderer on all the pages and duly signed all pages of tender shall be placed with Technical Bid. Also the company stamp shall be placed under the signature of person on each and every page of tender document.
8. All the columns of the tender shall be duly, properly and exhaustively filled in. The rates and units shall not be overwritten. The rates shall always be both in figures and words.
9. Competent Authority of NSIC-TSC Rajpura reserves the right to reject any tender/ bid wholly or partly without assigning any reason.
10. Nothing extra shall be paid on account of any discrepancy in nomenclature of items. The Tenderer shall seek clarifications if any before submitting the tender.
11. While submitting the tender, any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender are liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.

12. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender.
13. The Earnest Money deposit of Rs. 10,000 (Ten Thousand) by way of DD drawn in favor of "**National Small Industries Corporation Ltd.**" Payable at Rajpura(Punjab)" shall be submitted in the first envelope super - scribed as, "**Tender for the Supply, Installation, Testing & Commissioning of Diesel Generating Set at NSIC-TSC, Rajpura – Technical Bid**". No Cheque or cash towards Earnest Money deposit shall be accepted. The offers without Earnest Money Deposit will be rejected.
14. NSIC LTD has right to verify the particulars furnished by the bidder independently.
15. The Tenderer agrees that the rates submitted shall remain valid for acceptance for a period of 120 days from the date of opening of Technical Bid of tender.
16. Tenderer shall take into account the cost of labour, loading/unloading & cartage, taxes etc. for giving delivery of material at site i.e. NSIC-TSC, d-82/83 Focal Point, Rajpura(Pb)-140401 while quoting the rates. In this regard no claim what so ever shall be entertained.
17. The material shall be inspected on receipt at destination, i.e. NSIC-TSC, d-82/83 Focal Point, Rajpura(Pb)-140401 and supplier shall be responsible for any damage during the transit of goods.
18. Complete tender document available on our website www.nsic.co.in, any further corrigendum/addendum to this tender document shall be made available on aforesaid website. It is therefore, requested that the bidders may regularly visit the website for checking any corrigendum/addendum to this document.
19. All the communication with respect to the tender shall be addressed to:
The Deputy General Manager,
NSIC-TSC,
D-82/83 Focal Point, Rajpura (Punjab)-140401
20. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Rajpura(Punjab) Court only.

We hereby confirm our acceptance to the instructions (S.No-1 to 19 above) as given above.

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Name of work: Supply, Installation, Testing & Commissioning of
3 Phase, Diesel Generating set with a capacity of 25 KVA
including AMF Panel at NSIC-TSC, Rajpura(Pb.)-140401.

1. Scope of Supply:

- a) The tenders shall be submitted as per the technical specification enclosed in Annexure-A.
- b) Sealed tenders in the two cover system should be submitted in the prescribed form and should be addressed to the The Deputy General Manager ,NSIC-TSC, D-82/83 Focal Point, Rajpura-140401. The envelope should be super - scribed as **"Tender for Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating Set with AMF Panel at NSIC-TSC, Rajpura"**. In the said envelope, the two separate sealed envelopes shall be placed in which one envelope shall have **"Technical bid (PQR and EMD)"** and second envelope shall have **"financial bid"**. The authorized person of the Tenderer should sign the tender documents.
- c) The quantity indicated in the Annexure- A is only approximate and liable for upward/downward revision. If additional quantity is required, the qualified Tenderer is bound to supply such quantity at the accepted rates.
- d) The Tenderer are free to inspect the installation location in the premises of NSIC-TSC, Rajpura before submitting the quotes.
- e) The rates quoted against this tender shall be valid for a period of 120 days from the date of opening of technical bid.
- f) Submission of the tender implies that these conditions of Contract have been read by the Tenderer and is aware of the scope of the work and the quality of the material to be supplied. The final

acceptance of the tender rests with the Dy. General Manager, of NSIC-TSC, Rajpura who reserves the right to accept or reject any or all tenders without assigning any reason therefore.

2. Submission of tender:

- a) The tender received within the stipulated date and time will be opened at the office of The Deputy General Manager ,NSIC-TSC, D-82/83 Focal Point, Rajpura-140401. in the presence of intending tenderers, on the date and time mentioned in the Notice Inviting Tender.
- b) Tenders received in open covers / letters / fax / telegram / email will not be entertained.
- c) The tenders received after the stipulated date and time or received without the requisite EMD or received with conditions will not be accepted. Tenders not submitted in the prescribed form will be rejected. Tenders which propose any alternations in the conditions specified will be rejected.

3. Validity of tender:

- a) The tender shall be valid for a period of 120 days from the date of opening of the Technical Bid of tender. If any Tenderer withdraws his tender before the said period or makes any modifications in the terms and the conditions of the tender which are not acceptable to the NSIC, then the NSIC shall, without prejudice to any other rights or remedy, be at liberty to forfeit his EMD.
- b) Should the Tenderer for any reason withdraw the tender after it is accepted or fails to execute the orders within stipulated period, the NSIC shall be at liberty to cancel the order forthwith. The EMD of the tenderers in such a case will be forfeited by the Corporation. Further the NSIC shall have the right to procure such or similar Diesel Generator Set from the open market at the tenderer's risk and cost.
- c) No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained.

4. Offers ready stock/ Subject to prior sale:

- a) Offers from ready stock are preferred. In case the offers are subject to prior orders, the Tenderer shall indicate the period within which the ordered quantity will be executed. The Tenderer shall please note that in case he fails to execute within the stipulated period indicated in said

tender, penalty at the rate of 1% of value of the order, per week of delay subject to a maximum of 10% of the order value will be levied.

- b) The successful Tenderer shall, within a week from the date of receipt of communication of acceptance of tender, intimate his acceptance of the order. The successful Tenderer shall complete the work strictly as per the stipulated time.

5. Guarantee of Quality:

The equipments offered shall conform to the specifications as given in tender/order and shall be guaranteed against defective design, defective quality material supplied, manufacturing defects etc. for a minimum period of 24 months from the date of supply and installation of Diesel Generating set with a capacity of 25 KVA including AMF Panel and provide onsite warranty for the period as confirmed in price bid (minimum two year). Onsite warranty of minimum 24 months covers free service and free spare parts excluding cost of consumables.

6. Packing :

- a. The supplier shall provide such packing of the goods, as is required to prevent their damages or deterioration during the transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
- b. The Diesel Generating set with a capacity of 25 KVA including AMF Panel shall be securely boxed, crated and protected from mechanical damage, moisture etc. suitable for both storage and transit according to the nature of the material and mode of transport.

7. Price:

- a) The price shall be firm and shall include all applicable taxes. Any variation in the taxes duties, levies etc. during the period of contract shall be to the Tenderer account. The rates quoted shall be all inclusive on FOR destination. Destination means NSIC-TSC, D-82/83 , Focal Point, Rajpura(Punjab)-140401. The Corporation will not issue Forms C and or D. The tenderer should note this while quoting the rates. The price shall be quoted both in figures and words.
- b) The successful tenderer shall produce PAN Number, TIN Number registration details alongwith the tender document. Applicable taxes, if any, will be recovered from the bills.

8. Delivery:

- a) The successful tenderer shall complete supplies strictly within the accepted delivery period. Material ordered by the NSIC shall be delivered FOR destination securely packed as may be necessary.
- b) DG sets shall have to be delivered at and installed at NSIC-TSC, D-82/83 Focal Point, Rajpura-140401. and to be operationalized to the satisfaction of tender accepting authority or his authorized representative of NSIC.
- c) Installation & demonstration of operation of DG set shall have to be carried out free of cost at The Deputy General Manager , NSIC-TSC, D-82/83 Focal Point, Rajpura-140401. Free training for at least two persons shall be provided for operation and general maintenance of DG Set.

9. Payment:

- a) The payment will be made by the Corporation by crossed account payee cheque for which the tenderer shall send bills in duplicate (original + copy) giving the reference number of the purchase order, proper installation certificates duly acknowledged by the tender accepting authority or his authorized representative of NSIC, copies of LR/delivery note/with warranty card.
- b) The payment of 80% of the total bill value will be made to the supplier within fifteen days from the date of submission of the bill with all other relevant documents/acknowledgement of total material received as per the order given to Tenderer.
- c) The balance 20 % payment of total bill value will be released to supplier after successful testing, Installation & commissioning of Diesel Generating set with a capacity of 25 KVA including AMF Panel at site, against the receipt of performance guarantee from tenderer for the period of 12 months from the date of Installation & Commissioning of Diesel Generating set at site.
- d) Successful tenderer shall provide Performance Bank Guarantee from any Nationalized / scheduled Bank in India in favor of NSIC-LTD for 20% (twenty percent) of the total bill value of the order with validity of 24 months. The guarantee shall be given as a commitment of tenderer for services during the period of minimum warranty period i.e. 24 months.

In case, he fails to deliver the services, NSIC can recover the amount by invoking the Performance Bank guarantee.

10. Earnest Money Deposit:

- a) An EMD of Rs 10,000/- shall be paid along with the tender either by way of DD/Pay order drawn in favour of the "**National Small Industries Corporation Ltd**" payable at **Rajpura(Punjab)**.
- b) Non furnishing of EMD at prescribed rate alongwith the tender or by claiming exemption will attract to rejection of the tender.
- c) NSIC shall not be liable for payment of any interest on EMD or any depreciation thereof.
- d) Any request by the bidders to consider their EMD furnished by them to NSIC for any other contract/tender cannot be considered as EMD for this tender. Hence the bidders have to invariably furnish the required EMD for this tender.
- e) The EMD will be returned to the unsuccessful bidders soon after the orders are placed on the successful bidder/s.
- f) In case of successful bidder, the EMD will be converted as part of Security Deposit (SD) for due performance of the contract.
- g) The EMD/SD will be forfeited in the following cases:
 - I. If the bidder fails to accept the order based on his offer (bid) and/or fails to agree to enter into contract within the prescribed time.
 - II. If the bidder fails to execute the work of supply, installation, testing and commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel on issuance of dispatch instruction by the NSIC at the agreed contract rate.
 - III. If the bidder delays supplies beyond a reasonable time resulting in disruption of NSIC works.

11. Contract agreement :

- a) The successful bidder is required to enter into an agreement with usual terms and conditions on Rs. 100/ legal stamp paper within 20 days from the date of communication of the acceptance of the offer.

12. Duration & Termination of contract:

- a) The time of completion of work is 03 months from the date of agreement.
- b) Service Facility: In order to ensure proper and timely after sales service manufacturer or authorized agency shall have an office in New Delhi with well equipped service centers with technically qualified people across Delhi or shall be able to deploy Service Personnel at short notice and attend the maintenance within 24 hours.

13. Claims:

- a) If the materials supplied are found to be of size and shape different than those contracted and of specifications lower than those stipulated in this contract, NSIC shall have right to totally reject the goods and/or to prefer a claim for compensation for the part of goods, which is rejected. The tenderer shall reimburse to NSIC, the actual expenditure on such goods by way of cost, within 15 (fifteen) days of its demand. The tenderer shall be responsible for arranging the rejected goods to be removed at his cost from NSIC premises, if so desired by NSIC.
- b) The tenderer shall also compensate for losses, if any, sustained by Corporation due to defective packing and/or marking of the goods not in accordance with the terms of the Contract.

14. Breach of Contract:

- a) In case of failure of the tenderer to perform the contract as per the terms and conditions and to the satisfaction of NSIC. NSIC reserves the right to terminate the contract without assigning any reason. NSIC shall have a right to execute the work through any other agency on the risk and cost of the Tenderer.
- b) Following actions on the part of manufacturer/authorized dealer will constitute breach of contract:
 - a) Non supply of DG sets upto stipulated time, the quantity as per specifications ordered by the Corporation
 - b) Supply of poor quality/sub standard DG set and other materials
 - c) Inordinate delay on supply of equipments

- d) Failure to replace/provide alternate DG sets in place of faulty/damaged, seconds or sub standard DG sets

In case the tenderer commits any of the above acts the Corporation reserves the right to repudiate the contract without assigning any reasons besides taking appropriate action against the tenderer including forfeiture of security deposit.

15. Guarantee:

- a) The supplier shall unconditionally guarantee that the Material supplied shall:-
- a. Be in satisfactory condition and free from all defects including defects arising out of inferior materials faulty and inferior workmanship.
 - b. Be of highest quality and fit for the purpose for which they are intended.
 - c. Strictly comply with Technical Specifications.
- b) Whereas defects are found in goods within a period of 24 months from the date of supply, the supplier shall bear all costs including freight and the replacement of the defective goods, without any cost to NSIC.

16. Warranty:

It shall be ensured that the supplier shall give complete warranty for the goods to be supplied against tender and proposal reflects the period of warranty in the price bid.

We confirm with our acceptance to the Commercial & General Terms & Conditions (S.No-1 to 16) as given above.

Signature of the Tenderer

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

(Undertaking from Tenderer)

To,
The Deputy General Manager
NSIC-TSC, Rajpura
D-82/83 Focal Point, Rajpura
Punjab-140401

Sir,

Name of work :	Supply, Installation, Testing & Commissioning of 3 Phase, 25 KVA silent type Diesel Generating set with AMF Panel at NSIC-TSC, Rajpura.
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Dear Sir,

HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS

1. Notice Inviting Tender
2. Instruction To The Tenderer
3. Commercial & General Terms & Conditions
4. Format & Requirement for submitting Technical Bid
5. Format & Requirement for submitting Price Bid
6. Technical Specifications of items for which tender issued

I/Wedo hereby submit tender for Supply, Installation, Testing & Commissioning of 3 Phase, 25KVA Diesel Generating set with AMF Panel to NSIC- LTD, New Delhi, as per the quoted rate and in all respects in accordance with the conditions applicable.

I/We enclose herewith a Bank Draft /Pay Order for Rs.10,000/- as Earnest money. I am aware that the Earnest Money will not bear any interest.

If this tender is accepted, I/We agree to abide by and fulfill all the terms and provisions in the tender documents and agree to enter into an agreement with all the conditions that may be stipulated by the NSIC or in

TENDERER'S NAME & SIGNATURE WITH SEAL

default there of pay to the NSIC the sum of money mentioned in the said condition without prejudice to any other right of the NSIC.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply in the NSIC, including the scope and nature of duties expected from the Tenderer.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the NSIC based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said contract, agreements, stipulations, restrictions and conditions.

Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein.

I/We fully understand the terms and condition of the contract to be entered into between me/us and the Corporation and the written agreement shall be foundation of the rights of both the parties and the contract shall not be deemed to be completed until an agreement has been signed by me/us and the NSIC.

Dated this.....day of.....2014

Name of the Tenderer/s:

Seal:

Authorized Signatory:
With complete address, phone/fax numbers

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

DECLARATION

(To be given by Tenderer at the time of submission of complete tender)

Name of work: Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF, Panel at NSIC-TSC, Rajpura(Pb.)-140401

I/We have read the Tender documents and related matters carefully and diligently and that I/We have submitted the tender after having studied, understood and accepted the full implications of the agreement.

The requirements of the tender agreement as stated above will be fulfilled by me/us to the satisfaction of the NSIC.

Tenderer:

Seal:

(Authorized Signatory):

(To be submitted along with the tender document)

Enclosures: (Details shall be given for the documents attached)

- 1.
- 2.
- 3.
- 4.
- 5.

TENDERER'S NAME & SIGNATURE WITH SEAL

**THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401**

Technical Specifications for the Supply, Installation, Testing & Commissioning of 3 Phase, 25 KVA Diesel Generating set with AMF Panel.

1. **General:-**

The 3 Phase, Generating Set shall be of Silent type having Prime Power Rating of 25 KVA and shall have capability of running continuously in variable load conditions for unlimited hours per year and should also have a 10% overload capacity of 1 hour in every 12 hours of operation.

2. **Engine**

Makes: - Cummins

Diesel engine (Engine model X2.5G2 coupled to 415 V) shall be direct Injection Water Cooled, 4 strokes, 1500 RPM of suitable BHP Capable of giving above mentioned output of Alternator. Engine will be fitted with all the required accessories. The average load factor of the engine over period of 24 hours shall be 0.8 for prime power output. The engine shall conform to IS:10000/ISO, 3046/BS, 649/BS 5514 amended upto date.

2.3 **Accessories.**

Flywheel Housing

Flywheel

Anti-vibration pads

Base rail with integral fuel tank with level indicator provided with drain plug for drainage and air vent / breather and inlet and outlet connection with cleaning provision (Man hole)

2.4 **Starting System**

Electrical Starter – 12 volts

Engine driven Battery Charging Alternator.

One nos. of 12 volt Uncharged battery with suitable connection terminals and leads for proper battery connection.

3.0 **Alternator:**

3.1 **Make: Stamford**

3.2 Rating : 25 KVA

3.3 Power factor : 0.8

3.4 Rated Generating Voltage: 415 Volts

3.5 Voltage regulation: +/- 1% all load between no load to full load & factor 0.8 to unity

3.6 Frequency: 50 Hz

3.7 Speed: 1500 RPM

3.8 Class of insulation: H

3.9 Overload capacity: 10% for one hour in any 12 hours of operation without exceeding temperature rise limits specified in BS:5000/ IS4722 when corrected to ambient temperature at site.

3.10 Enclosures : Drip proof & screen protected IP-23

3.11 The alternator shall be of self-excited, self regulated through AVR, self ventilated in brushless design, provided with suitable automatic voltage regulator.

4.0 Acoustic Enclosure

The acoustic enclosure is made of 1.6/2mm thick CRCA sheets and structural/sheet metal base frame duly painted. The walls of the enclosure are insulated with fire retardant foam so as to comply with the 75dba at 1 mtr sound levels specified by Ministry of Environment & Forest.

4.1 Shall be suitable to suit stringent Ministry of Environment and Forest (MOEF)/ Central Pollution Control Board (CPCB) norms of 75 dBA at a distance of 1 meter from the enclosure.

4.2 Removal of Filters etc should be easy – Ease of serviceability is important.

4.3 Air inlet lowers specially designed to operate at rated load even at 50 deg ambient or air inlet temperature.

4.4 Power coated for long lasting service life and superior finish.

4.5 With UV resistant powder coating, can withstand extreme environments.

4.6 Hardware should be rust free. Should be Stainless steel.

4.7 Insulation material shall be as per relevant IS3 specifications.

5.0 Engine mounted instrument panel fitted with and having digital display for the followings:-

- 5.1 start-stop switch with key
- 5.2 water temperature indication
- 5.3 lubrication oil pressure indication
- 5.4 lubrication oil temperature indication
- 5.5 battery charging indication
- 5.6 RPM Indication
- 5.7 Over speed indication
- 5.8 Low lube oil trip indication
- 5.9 Engine hours indication

6.0 Fuel Tank:

Daily service Fuel tank of suitable capacity for minimum 8 hours of operation, fabricated out of MS Sheet complete with all accessories and fuel piping between fuel tank and diesel engine with MS C-Class pipes of suitable dia complete with walls, level indication and accessories as required.

7.0 Base Frame and foundation:-

Both the engine and alternator shall be mounted on suitable base frame made of MS Channel with necessary reinforcement which shall be installed on suitable cement concrete foundation and vibration arrangement as per recommendations of manufactures.

8.0 AMF Panel:

The panel is manufactured with 14/16 gauge CRCA sheet and is powder coated for a weather proof long lasting finish.

The control panel consists of following parts:

- 8.1 Microprocessor Based integrated Generator Set Monitoring, Metering, Protection and electronic governing system.
- 8.2 Operator Interface
 - Manual Start Stop
 - Remote Start Stop
- 8.3. MCCB of suitable rating
 - 1 set of CTs for Metering
 - Key switch
 - Metering
 - Ammeter
 - Voltmeter

- Frequency meter
- KWH meter
- KW/ PF Meter Battery Charger
- One Battery charging transformer/ rectifier unit

ORIGINAL

THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.
(A GOVT OF INDIA ENTERPRISE)
Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401

FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID
(PQR & EMD)

1. Tender Ref. No:
2. Name of Tenderer:
3. Due date & Time of submission:
4. Opening date & time:
5. Amount of EMD Rs.....DD No.....
Date..... Drawn on (Bank Name).....
6. In case the tender is downloaded from Website, the tender fee of Rs.500/- enclosed by way of DD No.....
.....dated.....drawn on(Bank Name)
7. Documents - Details to be enclosed with the Technical bid:
 - I. Pre-Qualification requirement:
 - a) The Tenderer shall give a self declaration on their letter head, confirming that they are regular in supplying the items/ equipments as mentioned in the tender no. SIC /HO/WD/EXB/1(65)/07-12 and has capacity & capability to execute the tender independently, in compliance to the terms & conditions contained in Tender documents.
 - b) In case the intending tenderer is distributor/dealer, they shall have to possess' valid authorized Distributorship/Dealership license from the manufacturers.

The copy of the same shall enclose along with the Technical Bid of the tender.

- II. Details of suppliers to whom the similar supplies completed during the last three years i.e. supply, Installation, Testing & Commissioning of Diesel Generating set with AMF Panel. The detail shall be submitted as per the format placed under:
- a. Name of work/ Project location/ procurement office details:
 - b. Scope of work:
 - c. Cost of work:
 - d. Date of commencement of work
 - e. Stipulated date of completion
 - f. Status of project as on date:
 - g. Name/ Address / Telephone number of officer to whom reference may be made.
- III. The generator set shall be Central Pollution Control Board (CPCB) compliant and the Tenderer shall submit the relevant papers alongwith Technical bid of tender documents to prove the same.
- IV. Give description of items/equipment/material with accessories offered by Tenderer for supplies through this tender. The bidder shall submit all supporting information with respect to the technical data of product.
Items offered should conform to specification/s or as explicitly stated, detailed in annexure-A.
In case specifications offered are different, separate comparative technical specifications sheet shall be attached with details such as S.No., Specifications offered, Deviations if any, and Remarks.
Any product brief, test certificates available may be enclosed. The tender may in addition, furnish any other supporting information, technical data, drawings or booklets which in his view are necessary.
List of spares, if applicable should be attached.
Any optional, if offered, be provided with their full technical details including their use and advantage.
- V. Number of units of power that can be generated in an hour and other technical details like, fuel consumption in one hour, the unit cost of production per unit of Electricity etc. should be furnished.

- VI. Confirmation that the tender shall remain valid for acceptance for 120 days from the date of tender opening of the Technical Bid of the tender i.e. Valid for 120 days.

Signature of the Tenderer

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Technical Services Centre
D-82/83 Focal Point, Rajpura
Punjab-140401

FORMAT & REQUIREMENTS FOR SUBMITTING FINANCIAL BID
(PRICE BID)

1. Tender Ref. No.:
2. Name of the Tenderer:
3. Due date & due time of submission:
4. PAN Number of supplier.....
5. TIN registration number of supplier.....
6. The offer with rates for the schedule of requirements of items, as elaborated under, to be submitted. Adhering to the format given below is a Pre-requisite for considering your quotations:

S No	Description	Qty	Unit (Nos. / Meter)	Unit Price (Rs.)	Total Amount (Rs)
1	Supply, installation, testing and commissioning of silent type Diesel Generating Set alongwith having prime power of 25 KVA, 3 Phase, 50HZ, 415 Volt at 1500 RPM and consisting of the followings	One	No		
a	Diesel engine(Cummins Make) 4 stroke water cooled, electric start of suitable BHP at 1500 RPM suitable for above output of alternator.				
b	Engine mounted instrument panel fitted with and having digital				

TENDERER'S NAME & SIGNATURE WITH SEAL

	display as per specification.				
c	Alternator rated at 25 KVA, 415 volts at 1500 RPM, suitable for 50 Hz 1-Phase system, AC Supply with 0.8 lagging power factor.				
d	Base frame & foundation				
e	Daily service fuel tank of suitable capacity				
f	Exhaust system				
g	Microprocessor/relay based AMF Control panel				
h	Starting system 12V/24V DC starting system comprising of starter motor: voltage regulator and arrangement for initial excitation complete with suitable nos of batteries as required.				
i	Acoustic and weather proof enclosure with arrangement for fresh air intake for cooling of engine and alternator, extraction, discharging hot air in to the atmosphere as per specifications.				
2.	Earthing with G.I. earth pipe 4.5 mtr long, 40 mm dia i/c accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal and salt as reqd.	04 nos	set		
3.	Supplying and laying 25mmx3mm G.I.Strip at 0.50 metre below ground as strip earth electrode i/c soldering etc as reqd. -	10	Mtr		
4.	Supplying and laying 6 SWG G.I. wire on surface or in recess for loop earthing along with cable as	10	Mtr		

	required.				
5.	Supply & laying of one number PVC insulated control cable of 1.1 KV Grade of size 2.5 sqmm 10 core copper cable make: Havells/Gloster	20	Mtr		
6.	Supply and laying of XLPE insulated PVC Sheathed Aluminum conductor armored cable of 1.1 KV Grade of 4x35 sqmm size as required. Make: Havells/Gloster	20	Mtr		
7.	Supply and laying interconnection cable	01 nos			
8.	Supply and fixing exhaust gas piping of suitable dia welded black MS, A-Class pipe cut to required lengths and installed with necessary bends, supports and clamps, anti-vibration mountings, insulation of exhaust system with aluminum cladding as required as per specifications	12 mtr			
9.	Supplying and making end termination with brass compression gland and aluminium lugs for 4x35 sqmm size PVC Sheathed Aluminium conductor cable of 1.1 KV Grade as reqd.	01 nos			
Total amount In Rs. :					

Total Amount in words: Rs. -----

Signature of the Tenderer