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**Small Industries Development Bank of India
SCO `145-146 Sector 17\_C Chandigarh-160017**

 **Phone 0172 5041661 &5041662**

**निविदा दस्तावेज**

 **Tender Document**

**कार्य का नाम- सिडबी के जी.एच.एस -1, सेक्टर- 17 पंचकूला हरियाणा स्थित, अधिकारी क्वार्टस में 82.5 के.वि.ए.डीजी सेट** की आपूर्ति, संस्थापन, टेस्टिंग और कमिशनिंग.

**Name of Work- Supply, Installation, Testing and Commissioning of 82.5 KVA DG set for SIDBI Officers’ Flats situated at GHS-1 Sector -17 Panchkula, Haryana.**

**टेंडरदाता का नाम**

**Name of the Tenderer ................................................**

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**निविदा आमंत्रण सूचना**

भारतीय लघु उद्योग विकास बैंक (सिडबी), एस सी ओ 145-146 सेक्टर - 17 सी, चंडीगढ़, सिडबी अधिकारी फ्लैटस, जी.एच. एस. 1, सेक्टर – 17, पंचकूला, हरियाणा- 134 109 के लिए 82.5 केवीए के डीजी सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के लिए ओईएम या किर्लोस्कर, कमिंस, ग्रीव्स, महिंद्रा, जैक्सन, अशोक लेलैंड के अधिकृत डीलरों से निविदाएं आमंत्रित करता है.

निविदाकर्ताओं से अनुरोध है कि वे संलग्न निविदा दस्तावेज, जिसमें **लिफाफा I** निविदा दस्तावेज और **लिफाफा II** (मूल्य बोली) शामिल हैं, के अनुसार, विधिवत भरे हुए और प्रत्येक पेज पर हस्ताक्षरित अपने न्यूनतम कोटेशन प्रस्तुत करें. कृपया ध्यान दें कि निविदा दस्तावेज विधिवत भरा हुआ हो और उसका प्रत्येक पृष्ठ निविदाकर्ता द्वारा हस्ताक्षरित हो .

निविदा दस्तावेज, भारतीय लघु उद्योग विकास बैंक (सिडबी), एस सी ओ 145-146 सेक्टर - 17 सी चंडीगढ़ – 160017 स्थित कार्यालय से 9:30 से 5:30 बजे के बीच कार्य दिवसों (सोमवार से शुक्रवार) के दौरान प्राप्त किया जा सकता है.

निविदा शुल्क एवम निविदा, बयाना राशि (ईएमडी ) को अपेक्षित डीडी के साथ दो अलग-अलग सीलबंद लिफाफों में प्रस्तुत करनी होगी जिनपर क्रमश: "82.5 केवीए डीजी सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग- लिफाफा I " और "82.5 केवीए डीजी सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग-लिफाफा II (मूल्य बोली) " लिखना होगा. फिर दोनों सीलबंद लिफाफे एक सामान्य लिफाफे में रखने होंगे जिसपर "सिडबी अधिकारी फ्लैटस, जी.एच. एस. 1, सेक्टर – 17 , पंचकूला ,हरियाणा- 134 109 के लिए 82.5 केवीए के डीजी सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग-लिफाफा I व II " लिखना होगा और उसे सिडबी कार्यालय के ऊपर लिखे पते पर इस प्रकार भेजना होगा कि वह **22 अप्रैल, 2016 को 03:00 बजे** या उससे पहले पहुंच जाए. देर से प्राप्त निविदाएं स्वीकार नहीं की जाएंगी, वे अस्वीकार योग्य होंगी.

उक्त प्रस्ताव निविदा दस्तावेज में दिए गए विभिन्न नियमों और शर्तों के अधीन है. निविदाकर्ताओं से अनुरोध है कि वे कार्यस्थल (साइट) की स्थिति और अपेक्षित आपूर्ति के प्रकार से भलीभांति परिचित होने के लिए कार्यस्थल का दौरा कर लें.

बोली-पूर्व बैठक चंडीगढ़, में सिडबी कार्यालय के उक्त पते पर **05 अप्रैल, 2016 को 03:00 बजे** आयोजित की जाएगी ताकि, निविदाकर्ता आपूर्ति और संबंधित मुद्दों की प्रकृति से परिचित हो सकें. निविदाकर्ताओं/उनके प्रतिनिधियों से बोली-पूर्व बैठक के दौरान उपस्थित रहने का अनुरोध है. बोली-पूर्व बैठक के अनुसार निविदा दस्तावेज में किया गया कोई परिवर्तन चुने हुए निविदाकर्ताओं को सूचित किया जाएगा और इस संबंध में सभी तरह के पत्राचार निविदा दस्तावेज का हिस्सा होंगे.

निविदा दस्तावेज के साथ कोई अतिरिक्त शीट या अतिरिक्त शर्तों को संलग्न नहीं किया जाना चाहिए. **सशर्त निविदाओं को सरसरी तौर पर खारिज कर दिया जाएगा और निविदा के मूल्यांकन के लिए उनपर विचार नहीं किया जाएगा**. कोई संदेह या स्पष्टीकरण निविदा दस्तावेज प्रस्तुत करने से पहले बोली-पूर्व बैठक के दौरान प्रभारी अधिकारी से स्पष्ट किया जा सकता है.

निविदा की वैधता मूल्य बोली खोलने की तारीख से 90 दिनों तक रहेगी.

कृपया ध्यान दें कि सिडबी कोई कारण बताए बिना, किसी भी या सभी निविदाओं को अस्वीकार करने का अधिकार सुरक्षित रखता है.

**हस्ताक्षर :**

**टेंडरदाता का नाम**

**दिनांक:**

**स्थान : :**

 **सील**

**Notice Inviting Tender**

Small Industries Development Bank of India (SIDBI), SCO 145-146, Sector 17-C , Chandigarh-160017 invites tenders for Supply, Installation, Testing and Commissioning of 82.5 KVA DG set for SIDBI Officers’ Flats situated at GHS-1 Sector -17 Panchkula, Haryana.

Offers, from OEM or the authorised dealers of Kirloskar, Cummins, Greaves, Mahindra, Jacksons, Ashok Leyland and Caterpillar make have been invited for the said work.

The tenderers are requested to submit their lowest quotation in the attached Tender Document comprising Tender Document – Envelope I and Tender Document – Envelope II (Price Bid) duly filled in and signed on each page.

The tender document can be obtained from the office of Dy. General Manger Small Industries Development Bank of India (SIDBI), SCO 145-146, Sector 17-C , Chandigarh- between 9:30 AM to 5:30 PM on working days (Monday to Friday).

The tender along with requisite DD towards Earnest Money Deposit (EMD) and Price Bid shall be submitted in two separate sealed envelopes superscribing “Supply, Installation, Testing and Commissioning of 82.5 KVA DG Set – Envelope I” and “Supply, Installation, Testing and Commissioning of 82.5 KVA DG set – Envelope II (Price Bid)” respectively. Both the sealed envelopes should be sent in a common envelope superscribing “Tender Document for Supply, Installation, Testing and Commissioning of 82.5 KVA DG set for SIDBI Officers’ Quarters, GHS-1, Sector -17 Panchkula, Haryana-130017 in – **Envelope I and II”** and shall be sent at the above mentioned address of the office of SIDBI so as to reach on or before 03:00 PM **of April 22, 2016.** Late tenders will not be accepted and are liable to be rejected.

The above offer will be subject to various terms and conditions given in the Tender Document. The tenderers are requested to visit the site to acquaint with site conditions and type of supply involved.

The pre-bid meeting will be held at **3.00 PM of** **April 05, 2016** in the office of the SIDBI at the above said address in Chandigarh order to get acquainted with the nature of supply and related issues. Tenderers/ their representatives are requested to be present during the pre-bid meeting. Any change in the Tender Document pursuant to the pre-bid meeting will be communicated to the shortlisted tenderers and all such correspondence in this regard will form part of the Tender Document. Tenderers are requested to sign the addendum such issued & submit the same into the tender doc.

No extra sheet or extra conditions should be attached with the Tender Document. **Conditional tenders will be summarily rejected and the tender may not be considered for evaluation.** Any doubt or clarification may be clarified from the officer-in-charge during pre-bid meeting before submitting the Tender Document.

The validity of tender will be 90 days from the date of opening of the Price Bid.

Please note that SIDBI reserves the right to reject any or all the tenders without assigning any reason thereof.

**Signature :**

**Name of the Tenderer :**

**Date / Place :**

**Seal :**

**Tender Summary**

|  |  |  |
| --- | --- | --- |
| **Sr. No.**  | **Particulars** | **Details** |
| **1**  | Nature of work | **Supply, Installation, Testing and Commissioning of 82.5 KVA DG set.**  |
| **2**  | Site of Supply  | SIDBI Officers’ Quarters, situated at GHS-1 Sector -17, Panchkula, Haryana-130017 |
| **3**  | Stipulated dates  |   |
|  | Last date and time of submission of Tender Document  | 3:00 PM of April 22 , 2016.  |
|  | Date and time of Pre-Bid  | 3:00 PM of April 05, 2016. |
|  | Opening of Tender  | 3:30 PM of April 25, 2016. |
|  | Validity of Tender  | 90 days from the date of opening of Price Bid  |
| **4**  | **Time period of work completion**  | **Within 30 days from the date of receipt of purchase order .****Tender fee: ` 500/- Demand** Demand draft for an amount of ` 500\_/- (Rupee five hundred only) drawn in favour of ‘SIDBI’ payable at Chandigarh to be submitted in Envelope No.1. separately.  |
| **5**  | Earnest Money Deposit (EMD)   | Demand draft for an amount of ` 12000\_/- (RupeesTweleve thousand only) drawn in favour of ‘SIDBI’ payable at Chandigarh to be submitted in Envelope No.1.  |
| **6**  | Refund of EMD  | 1. **(i)** To unsuccessful tenderer: After award and acceptance of work by successful tenderer.

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| **7**  | DefectsLiability Period  | 2 year from the Date of Successful Commissioning of the DG set.  |
| **8**  | Performance Guarantee  | **(i)** Bank Guarantee for an amount @ 10% of purchase order value (excluding AMC) valid for a period of four months from the date of award of work **i**ssued by a Scheduled Bank as per the attached format in Annexure –I should be deposited as Performance Guarantee within 7 days from the date of issue of the purchase order.  **(ii)** Performance Guarantee will be released to the party after successful completion of the work.  |
| **9**  | Liquidated Damage  | @ 0.25% of the value of purchase order (excluding AMC)per week delay subject to a maximum of 5%  |
| **10**  | Payment Terms  | 1. (i) 70 % of the certified value against Supply of material.

 (ii) 20% of the certified value against successful installation, testing.  1. (iii) 10% of the certified value against successful commissioning and handover to SIDBI.

 1. (iv) An amount @ 5% shall be deducted from each running bill towards retention money.

 (v)The security deposit (EMD + Retention money) amounting to 5% of the total certified bill value shall be released to the agency without interest after successful completion of the defect liability period of 2 years and after entering into AMC agreement with SIDBI. |

**Signature :**

**Name of the Tenderer :**

**Date / Place :**

**Seal :**

**Form of Quotation ( To be submitted in \_Envelope No.\_I on letter head of the agency)**

**The General Manager**

**SIDBI,**

**Chandigrah:**

Dear Sir,

**Sub:- Supply, Installation, Testing and Commissioning of 82.5 KVA DG set for SIDBI Officers’ Quarters,** situated at GHS-1 Sector -17 Panchkula, Haryana-130017.

We have examined the terms and conditions for the Tender Document. We have also visited the site where above work has to be carried out and acquainted ourselves with the nature of work involved. We have also got all clarifications in respect of the work during the pre-bid meeting. We hereby offer our quotations as specified in the Tender Document-Envelope II (Price Bid).

We have fully understood all the conditions made for the captioned work and have taken into account all the conditions while quoting the rates in the Tender Document- Envelope II (Price Bid). The bill of quantities in Price Bid has been read in conjunction with all the terms and conditions of Tender.

A Demand Draft No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_\_\_\_\_\_ drawn on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ foran amount of **` 12000 /-**

 **(` Twelve thousand only)** is enclosed herewith towards Earnest Money Deposit for the captioned work.

A Demand Draft No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_\_\_\_\_\_ drawn on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ foran amount of **` 500 /-**

 **(` Five hundred only)** is enclosed herewith towards tender fee.

We are also aware that SIDBI reserves the right to reject any or all the offers without assigning any reason whatsoever. As required by you, I/We am/are returning herewith Tender Document (Envelope I & II ) duly signed by me/us at each page as a token of our acceptance of the provisions of the Tender Document.

In the event of this tender being accepted, I/we agree to undertake the work as specified in tender.

**Signature :**

**Name of the Tenderer :**

**Date :**

**Place :**

**Seal :**

**General Terms and Conditions**

1. The tenderer shall quote only for approved brands of DG set as specified in the Tender Document i.e. Kirloskar, Cummins, Greaves, Mahindra, Jacksons, Ashok Leyland and Caterpillar make.

2. The shortlisted tenderers, in case of Original Equipment Manufacturers, shall submit the certificate from original manufacturer that they shall be treated as OEMs. The shortlisted tenderers, in case of authorized Distributor / Dealer, shall submit the Distributorship / Dealership license from original manufacturer.

3. The contractors who intend to apply for above work should have all the necessary applicable licenses issued by competent authorities to undertake above work and must be able to render requisite services. The contractor must have experience of satisfactorily completion of similar nature of work in campus of Govt. / Semi Govt. / PSUs / Central Autonomous bodies / State Autonomous bodies / financial institutions / reputed private sector.

4. One tenderer shall quote for only one brand for which the OEM has authorized them. All the tenders received by the tenderer will be rejected in case of receipt of more than one tender.

5. The Tenderer shall submit valid authorization letter / dealership certificate obtained from the OEM.

1. 6. The pre-bid meeting will be held on the stipulated date in the office of The General Manager, SIDBI at the above said address with all tenderers in order to get acquainted with the nature of works and related issues. Any change in the Tender Document pursuant to the pre-bid meeting will be communicated to all the tenderers and all such correspondence in this regard will form part of the Tender Document. The same shall also be made available on the Bank’s website which the contractor should note.

 7. Each page of the Tender Document shall be duly signed. The Tender Documents shall be signed by person / persons on behalf of the organization having necessary authorization / Power of Attorney to do so.

1. 8. Tender Documents received after due date and time or incomplete in any respect are liable to be rejected.

1. 9. Non-submission of EMD shall result in rejection of the offer. SIDBI reserves the right to seek additional information or evidence with reference to the offer submitted.

1. 10. The desired technical specification has been mentioned in the Technical Specification Chart. Tenderers are required to mention the respective parameters of their offered model against each item.

1. 11. All the rates mentioned in the tender should be inclusive of all materials including wastage, loading & unloading, freight, transportation, all types of local, state and central taxes including works contract tax, Service tax, excise duty, Octroi, VAT, CST, etc., levies and duties, royalties, erection, construction, testing of materials/samples brought to site for approval, tools, tackles, plant and equipments, supervision, overheads and profits, statutory charges, costs for licenses/permissions and any other expenditure and shall remain firm till completion of work. Escalation in price(s) will not be payable for whatsoever reasons. TDS under VAT Act as applicable will be deducted from the payments made to the contractor.

1. 12. TDS at applicable rate shall be deducted at source from the gross value of work done (which included the stipulated materials) based on the production of invoices and nature of payment and which shall not be reimbursed.

1. 13 The rates quoted by the tenderers will be valid for a period of **90 days** **from the date of opening of Tender Document Envelope –II (Price Bid).**

1. 14. No costs incurred by the tenderer in applying, in providing necessary clarifications or attending discussion, conferences or site visits will be reimbursed by SIDBI.

1. 15. If the tender is submitted by a partnership firm, a certified copy of the partnership deed, current address of the firm and the full names and current addresses of all the partners of the firm shall also accompany the Tender Document.

1. 16. If the tender is submitted by a limited company, it shall be signed by a duly authorized person holding the power of attorney for signing the Tender Document in which case certified copies of the power of attorney and the certification of incorporation, Memorandum of Articles of Association shall accompany the Tender Document.

1. 17. If information and details furnished by tenderers are found to be false at any time in future, the EMD amount will be forfeited and suitable action may be initiated as per the extant legal provisions.

1. 18. SIDBI reserves the right to increase/decrease the quantity of materials as per requirement of SIDBI for which the contractor will be paid as per the approved rate in the Bill of Quantities of the Tender Document Envelope –II (Price Bid) on pro rata basis.

1. 19. SIDBI also reserves the right to delete any of the items mentioned in the Bill of Quantities.

1. 20. SIDBI reserves the right to reject any or all the tenders without assigning any reason thereof.
2. **Wiring/Cabling from DG Set to Changeover panel may also be checked wherever applicable if required, it may be replaced with standard ISI make. Cost of such wiring should also be included in your quotation.**

**Signature :**

**Name of the Tenderer :**

**Date/place :**

**Seal :**

**Other Terms and Conditions**

1. 1. The system to be supplied shall be **brand new models.** **Old or refurbished brands will not be accepted in any case.** The generator set shall be latest (CPCB norms II) Central Pollution Control Board (CPCB) compliant and the tenderer shall submit the relevant papers along with tender documents.
2. 2. The loaders, unloaders, packers, transportation, security etc. for new DG set would be sole responsibility of the contractor and SIDBI won’t provide any labour/manpower for the same.

1. 3. The procedure adopted for completion of work should be strictly as per manufacturer’s recommendation. The successful tenderer is also required to obtain necessary permissions from the statutory authorities for installation of DG set on SIDBI premises at their cost. No extra cost will be paid by SIDBI for the same.

1. 4. In case of any defect or non functioning of the system, the same shall be attended by the supplier within **24 hours of lodging the complaint**. Else suitable recovery would made from any payments due to the successful contractor.

1. 5. The successful tenderer will provide training to the SIDBI staff members/ operators after commissioning at site by their trained engineers.

1. 6. Date of completion of work:

Date of completion will be reckoned from the date of satisfactory commissioning and hand over of the system to SIDBI.

1. 7. Liquidated Damage:

The liquidated damage against supply of items will be charged **@ 0.25% of the purchase order value per week delay subject to a maximum of 5 % of the purchase order value**.

1. 8. Earnest Money Deposit (EMD):

Demand draft for the prescribed amount drawn in favour of ‘SIDBI’ payable at **Chandigarh** should be submitted in Envelope- I as EMD.

The EMD deposited by the unsuccessful tenderer will be refunded after award and acceptance of work by successful tenderer. The EMD of successful tenderer will be adjusted against the security deposit.

1. 9. Defects Liability Period (DLP):

The Defects Liability Period shall be two year from successful commissioning and hand over of the system to SIDBI. Any manufacturing defect, manufacturing or breakdown of the system shall be covered under defect liability period. The terms and conditions are as given below:

1. Defects in any part of the system supplied by the tenderer at any stage during the defect liability during normal operations shall be covered under defect liability and has to be rectified by the successful tenderer at their cost. SIDBI’s observation regarding the performance of system will be final and binding.
2. The complaint will be generally lodged on the contact telephone nos./ fax/ e-mail/ letters etc. as furnished by the tenderer during tendering process or any subsequent updates.
3. In case of any defect in the normal functioning, the tenderer would attend it within 2**4 hours of lodging the complaint**.
4. All the defective parts would be repaired/ replaced by the tenderer during the DLP within **48 hours of lodging the complaint**.
5. In case of non availability of spares or failure of attending the complaints within the stipulated time frame and resolving the complaints i.e., the DLP will be increased for the period equal to the period of downtime. If the complaint is not resolved in complete for more than 15 days from the date of lodging the complaint or recurring failures for more than three occasions, SIDBI may at its discretion invoke the Bank Guarantee towards performance besides taking other suitable measures. SIDBI’s decision in this regard will be final and binding on the successful tenderer.

10. Performance Guarantee:

* 1. The Bank Guarantee for an amount @ **10%** of the purchase order value valid for a period of four months from the date of award of work issued by a Scheduled Bank as per the attached format should be deposited as Performance Guarantee and has to be submitted by the successful tenderer within 7 days from the acceptance of work order.
	2. Performance Guarantee will be released to the party after successful completion of work.

11. Payment Terms:

The payment will be made to the successful tenderer after submission of original bill along with requisite delivery challans etc. The certification of rates would be strictly as per approved rates as per Tender Document Part –II (Price Bid), SIDBI will not pay any amount over and above the approved rates.

Payment will be released to the successful tenderer as per the details given below:

1. 70 % of the contract value against Receipt of Supply of material.
2. 20% of the contract value against successful installation, testing.
3. 10% of the contract value against successful commissioning and handover to SIDBI.
4. An amount @ 5% of the total bill shall be deducted from each running bill towards retention money.
5. The security deposit (EMD + Retention money) amount to 5% of the total certified bill value shall be released to the agency after successful completion of the defect liability period of 2 year.
6. 12. TDS as applicable would be deducted at source for which the tenderer would be issued necessary TDS certificate.

13. In the event of any dispute, the legal matter shall be subjected to the jurisdiction of Chandigrah court only.

**Signature :**

**Name of the Tenderer :**

**Date / Place :**

**Seal :**

**ANNEXURE- I**

**PERFORMANCE GUARANTEE**

In consideration of the Small Industries Development Bank of India (hereinafter referred to as "SIDBI") having offered to accept the terms and conditions of the proposed agreement between SIDBI and ………………………………..(hereinafter referred to as “said Contractor”) for the work …………………………………………………...

(Hereinafter referred to as "said agreement”) having agreed to submission of irrevocable Bank Guarantee for `. ……………(Rupees …………………………only) as security / guarantee from the said contractor for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We ………………………………...(hereinafter referred to as “the Bank”) hereby

 (Indicate the name of the Bank)

undertake to pay to SIDBI an amount not exceeding `…………………….

(Rupees…………………only ) on demand by SIDBI.

2. We, the Bank, do hereby undertake to pay to SIDBI on demand the amount due and payable under this Guarantee without any demur and merely on demand by SIDBI stating that the amount claimed is due from the said contractor. Any such demand made to the Bank shall be conclusive as regard to the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding `. …………..(Rupees. ……………………………only)

3. We, the bank further undertake to pay to SIDBI any money so demanded notwithstanding any dispute raised by the contractor in any suit or proceeding pending before any court or Tribunal relating thereto, and our liability under this guarantee being absolute and unequivocal.

4. The payment so made by us under this guarantee shall be a valid discharge of our liability for payment therein under and the said contractor shall have no claim against us for making such payment.

5. We, the Bank, further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of SIDBI under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Authorised Officer on behalf of SIDBI certifies in writing that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor and accordingly the guarantee will be discharged.

6. We, the Bank, further agree with SIDBI that SIDBI shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance of the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by SIDBI against the said contractor and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor or for any forbearance, act or omission on the part of SIDBI or any indulgence by SIDBI to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. This guarantee will not be discharged due to the change in the constitution of the Bank or the said contractor.

8. We, the bank lastly undertake not to revoke this Guarantee except with the previous consent of SIDBI.

9. This guarantee shall be valid up to. ……………unless extended on demand by SIDBI. Notwithstanding anything mentioned above, our liabilities against this guarantee is restricted to ` …………………./-( Rupees …………………………only) and unless a claim in writing is lodged with us within six months of the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

10. Notwithstanding anything contained herein :-

a. Our liability under this Bank Guarantee shall not exceed Rs. .............................. ( Rupees ....................................................... Only).

b. This Bank Guarantee shall be valid upto ....................................................................................

c) We are liable to pay the Guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before ............................ . All the rights of the beneficiary under the said Guarantee shall be forfeited and Guarantee shall be released and discharged from all liabilities thereafter.

The Bank has under its constitution, power to give this Guarantee in your favour made under our Memorandum and Articles of Association and Mr./Mrs...................................who signed it on behalf of the Bank has the authority to do so.

Dated this the ……………..day of ...........................………………….. for (indicate the name of bank)

**Tenderer Details**

|  |  |  |
| --- | --- | --- |
| 1  | Name of the Tenderer   |   |
| 2  | Tenderer Type (OEM/ Authorized dealer)  |   |
| 3  | Name of the Brand of DG set  Model No.   |   |
| 4  | Type of Organisation (Whether Proprietorship, Partnership, PSU etc.)  |   |
| 5  | Name of the Proprietor/ Partners/ Directors in the Organisation  |   |
| 6  | Address of the Registered Office  |   |
|  | Telephone/ Mobile/ Fax Nos. of the Registered Office  |   |
|  | E-Mail ID  |   |
| 7  | Address of the Office in **Chandigrah**.  |      |
|   | Telephone/ Mobile/ Fax Nos.  |   |
|   | E-Mail ID  |   |
| 8 | Name and address of the Bankers  |  |
| 9 | Company Registration No. |  |
| 10 | Sales Tax Registration No. |  |
| 11 | Service Tax Registration No., if any |  |
| 12 | PAN No. |  |
| 13 | Other details, if any  |  |

**Signature :**

**Name of the Tenderer :**

**Date / Place :**

**Seal :**

**Technical Specifications:-**

**DG SET SPECIFICATION & SCOPE**

The standard scope of DG Set includes Design, Manufacturing, testing and Supply of 1500 RPM, 50Hz, 0.8 PF Diesel Generating Set/s capable of generating rated power for 82.5 KVA DG set at standard reference conditions (Chandigrah) and complete with accessories as per below specification.

Genset is Ready-To-Use type, powered by heavy duty, rugged, reliable fuel efficient, 4-stroke industrial engine. It shall generally comprise A.C. Generator, DG Control, Monitor relay & Power panel, Day Fuel storage Tank, Cushy foot mounts, Exhaust Silencer with bellow, Starting Battery & its cable.

The DG Set shall be complete with the following:

**DIESEL ENGINE:-**

The Engine shall be capable of developing required power at 1500 rpm & compact with large reserve power and stable in operation with excellent speed regulation confirming to governing performance in accordance with class - A1 as per BS - 5514. The engine selected above meets the Emission standards. The engine shall be complete with the Flywheel, Lift Eyelets, Crank Case Ventilation & Engine Mountings, Engine driven Lub. Oil Pump, Strainer, Oil Filters, Oil Dip - Stick & Drain Plug, Fuel Injection Pump, Speed Governor, Fuel Filters and Fuel Pipes, Air Filters & Exhaust arrangement, Radiator, Engine driven Coolant Pump, Thermo - state, Engine driven Radiator Fan, and Integral piping, DC Electric Starter Motor, Battery Charging DC Alternator, Switches/Sensors & its Engine wiring.

**First Fuel:**

Successful agency has to supply first fuel (Diesel) for running of DG set on test-trial as well as for Normal operation.

**A.C. GENERATOR:-**

3 phase, A.C. Generator of above rating shall be Stamford or equiv. make Industrial, Brushless, Synchronous, self excited, self regulated type having voltage regulation of +/-1%. A.C. Generator shall be with Class of Insulation ‘H’, Screen Protected drip proof having enclosure as per IP-21/23 and horizontal foot mounted single bearing type confirming to BS-5000, IS4722.

**CONTROL PANEL:**

The following Control shall be fabricated from CRCA sheet Metal & shall be powder coated after process of degreasing & de-rusting. The doors & covers are provided with Neoprene Gasket to ensure dust & vermin proof. The panel shall be provided for power output terminations facility. The standard Control Panel shall comprise of Control, Monitoring & Protection facility using quality instruments & Switch gears & neatly wired with flexible copper cable with ferrule numbers for easy identification & maintenance.

**MANUALLY OPERATED CONTROL PANEL WITH:-**

Engine Monitoring & Safety Unit for Monitoring of Speed (RPM), Battery Volts & Engine Hour run. Protection for Low Lub. Oil, High Coolant Temp. & Over Speed. Monitoring of AC Volt & Frequency. Alarm indications for Low Lub. Oil pressure, High Coolant Temp., Low fuel Level.

Start/Stop Push Button. Lub. Oil Pressure Gauge, Coolant Temp. Gauge. Amp Meter with selector switch incoming Breaker (2/3-Pole MCB/MCCB) of suitable rating with Thermal/Static release for Gen-set power. Set of Current Transformers for metering (Class 1.0) Set of copper flexible power cable, Aux relays & terminals

**AUTO MAINS FAILURE (AMF) CONTROL PANEL.**

**ACOUSTIC ENCLOSURE :-**

Shall meet **latest CPCB norms(CPCB norms II or latest) & are certified by National Aerospace Lab.** and the noise measured is within 75 dbA at 1mtr. distance under free field condition. The enclosure shall be Made out of finest quality CRCA Sheet Steel. Each fabricated component undergoes rigorous pre treatment procedure for degreasing, de-rusting, Phosphating, activations passivation & de moisturizing and finally painted using powder coats of pure polyester chips meant for long life. Modular, bolted type in construction and shall have easy access for maintenance. The doors are provided with airtight neoprene rubber gasket and heavy-duty lock & hinges. The sound absorption material selected is high quality Fire-proof provided with Lub. oil drain, oil breather & Radiator water over flow drain, Lifting and Air inlet & outlet Arrangement with Interior lighting, body earthing & Outside emergency stop PB.

**ACCESSORIES/PERIPHERALS:-**

Fuel storage Day Tank (in base) with filling, drain & breather arrangement. The fuel tank shall also be fitted with level gauge. Anti Vibration Mounts. Exhaust Flexible bellow & Silencer. Lead Acid dry uncharged Battery/s, its stand & Battery Leads.

**DOCUMENTS:-**

Genset Test Certificate

Engine Operation Maintenance & Parts Manual

Alternator Operation, Maintenance & Spare Part Manual

Alternator Test Certificate

Control Panel Test Certificate

Set of Control Panel Drawings.

**Standards:-**

Shall meet the requirements of BS EN 60034 and the relevant sections of other standards such as BS5000, VDE 0530, NEMA NGI -32, IEC 34, CSA22.2-100, AS 1359.

**Voltage regulation:-**

Self excited control system to main stator via Automatic Voltage Regulation to the exciter stator. The exciter rotor output to be fed to the main rotor through a three phase bridge rectifier. The rectifier shall have surge suppressor against surges caused by short circuit, etc.

**Winding and Electrical performance :-**

The stator to be wound to 2/3 pitch to eliminate triplen harmonics on the voltage waveform and trouble free supply on non-linear loads. Shall have fully connected damper winding. Shall have very low waveform distortion.

**Shaft & Key:-**

The rotor to be dynamically balanced to better than BS6861: Part 1 grade 2.5 for minimum vibration in operation.

**Insulation / Impregnation:-**

The insulation system shall be class "H".

All wound component to be impregnated with materials and processes designed specifically to provide the high build required for static windings and high mechanical strength required for rotating components.

**Quality Assurance:-**

Generators to be manufactured using procedures having a quality assurance level to BS EN ISO 9001.

The performance shall fall within the limits of criteria "B" of EN 61000-6-2:2001. At no time the steady state voltage regulation exceed 2%.

**De Rates:-**

5% when air inlet filters are fitted. 3% for every 500 metres by which the operating altitude exceeds 1000 metres above mean sea level. 3% for every 5 deg Celsius by which the operational ambient temperature exceeds 40 deg Celsius.

**DATA SHEET**

**(Agency has to give the detailed information as follows)**

|  |  |
| --- | --- |
|  **Model**  |   |
| **GENERATOR SET**  | **Rated Frequency (Hz)**  |   |
|  | **Rated Output Power (KW)**  |   |
|  | **Rated Voltage (AC) (V)**  |   |
|  | **Rated Current (AC) (A)**  |   |
|  | **Power Factor (COS Φ)**  |   |
|  | **Power Supply**  |   |
|  | [**Diesel generator set**](http://www.china-dieselgenerator.com/) **size**  |   |
|  | [**Diesel generator**](http://www.china-dieselgenerator.com/) **Weight(kg)**  |   |
| **ENGINE**  | **Engine Brand**  |   |
|  | **Engine Model**  |   |
|  | **Number Of Cylinders**  |   |
|  | **Engine build**  |   |
|  | **Fuel type**  |   |
|  | **Fuel Consumption (g/KW/h)**  |   |
|  | **Piston diameter and stroke**  |   |
|  | **Rated Rotation Speed (r/min)**  |   |
|  | **Starting Method**  |   |
|  | **Cooling Method**  |   |
|  | **Speed Regulation**  |   |
| **ALTERNATOR**  | **Alternator Brand**  |   |
|  | **Alternator Model**  |   |
|  | **Rated Output Power (KW)**  |   |
|  | **Phase & Threads**  |   |
|  | **Insulation Class**  |   |
|  | **Voltage Regulation**  |   |
|  | **Protection class**  |   |

Kindly attach the brochure for the said model along with offer.

**Signature :**

**Name of the Tenderer :**

**Date / place :**

**Seal :**