

**INDIAN BANK  
ZONAL OFFICE : COIMBATORE**

**TENDER**

FOR

**SUPPLY, INSTALLTION, TESTING & COMMISSIONING**

OF

**180 KVA DIESEL GENERATING SET**

WITH AMF PANEL

**AT INDIN BANK, COIMBATORE MAIN BRANCH  
31 VARIETY HALL ROAD, COIMABTORE – 641 001**

**Tender No. IBZOCBE / DG SET / 2012 / 02**

**INDIAN BANK, ZONAL OFFICE**

359 Dr. NANJAPPA ROAD  
COIMBATORE – 641 018

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INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

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INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

**NOTICE INVITING TENDER**

Indian Bank, Zonal Office, Coimbatore invites sealed tender in Two bid system (**Technical & Commercial bid**) from Original Equipment Manufacturers (OEMs) / Authorized Distributors / Dealers for the supply, installation, Testing & Commissioning of Diesel Generating Set with AMF Panel in their office / branch as per details given below.

<b>S No</b>	<b>Addresses of office / branch</b>	<b>Type of Gen Set.</b>
01	Indian Bank, Coimbatore Main branch at 31 Variety Hall Road, Coimbatore – 641 001	180 KVA Diesel green Gen. Set

The details are summarized below:

<b>S No</b>	<b>Name of the project</b>	<b>Particulars</b>
a)	Installation of 180 KVA water cooled Diesel Generator set at <b>Indian Bank, 31 Variety Hall Road, Coimbatore – 640 001</b>	<b>KIRLOSKAR</b> oil engine make model <b>6 SL 1500 TA SR1</b> turbo charged vertical inline 6 cylinders, water cooled diesel engine developing 235 HP at 1500 rpm incorporating the accessories given below.
b)	Alternator ( <b>180 KVA</b> )	<b>KIRLOSKAR GREEN</b> make alternator rated 180 KVA, 415 volts. 0.8 PF, 50 Hz, 3 phase, 4 wire self regulated and self excited with voltage regulation of + or – 1% class “H” insulation in SPDP enclosure and conforming to IS 4722 / BS 2613, suitable for close coupling. <b>AMF panel with 4 EB source</b> (Detailed specifications attached in <b>Annexure – B</b> )
c)	Exhaust emission norms	The generator set shall be Central Pollution Control Board (CPCB) compliant and the Tenderer shall submit the relevant papers along with tender documents as a part of Technical Bid to prove the same.

d)	Pre-qualification (PQR) requirement	<p>The Tenderer shall be engaged in supply, installation, Testing &amp; Commissioning Diesel Generating set with capacity of 180 KVA or more including AMF panel as per the details at para above (a) to (c) and shall give self declaration in this regard while submitting Technical Bid. The Tenderer should have office / service establishments in and around Coimbatore with in a radius of 100 kms for taking care of after sale services.</p> <p>Also the Tenderer shall enclose the list of suppliers to whom the suppliers were made in the last three years while submitting the Technical Bid. Indian Bank reserve the right to call for documentary proof, if required.</p> <p>Refer to the <b>Annexure – B</b> for details for PQR and documents to be attached with the Technical Bid.</p>
e)	Sale of tender documents	<p>The blank tender documents can be collected in person from the office of General Manger, Indian Bank, 359 Dr. Nanjappa Road, Coimbatore – 641 018 <b>from 13.02.2012 to 26.02.2012</b> (except Saturdays and Sundays) between 10.30 a.m to 4.30 p.m.</p> <p>Alternatively the tender form can be downloaded from our website <a href="http://www.indianbank.in">www.indianbank.in</a> from <b>13.02.2012 to 26.02.2012.</b></p>

f)	Cost of tender documents ( <b>for each application</b> )	<p>The tender documents can be collected against payment of <b>Rs. 1000.00</b> (Rupees one thousand only – non-refundable) for <b>each application</b> by way of Demand Draft from any nationalized / scheduled Bank in favour of “<b>Indian Bank, Zonal Office</b>” payable at Coimbatore.</p> <p>In case the tender form is downloaded from the website, the tender fee of <b>Rs. 1000.00</b> (rupees one thousand only) in the form of Demand Draft from any nationalized / scheduled Bank in favour of “<b>Indian Bank, Zonal Office</b>” payable at Coimbatore shall <b>be enclosed along with Technical Bid</b>. Tenders without Tender fee in such cases will be rejected.</p>
g)	Earnest Money Deposit (EMD) along with tender	<p><b>Rs. 10000/-</b> (Rupees ten thousand only) for Coimbatore Main branch (180 KVA Gen set) in the form of demand drafts from any nationalized / scheduled Bank in favour of “<b>Indian Bank, Zonal Office</b>” payable at Coimbatore shall be submitted along with Technical Bid. Tenders without EMD will be rejected.</p>
h)	Last date of submission of tender	<p>The complete tender in a bigger envelope containing two small envelopes containing PQR documents and EMD and second envelope containing Financial Bid shall be received by <b>27.02.2012 up to 1400 Hrs</b> at the office of the General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018</p>
i)	Date of opening Technical Bid (Envelope – 1)	<p>The first envelope containing PQR documents and EMD will be opened <b>on 27.02.2012 at 1600 Hrs</b> at the office of the General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018.</p>
j)	Date of opening of Financial Bid	<p>The date of opening of second envelope containing <b>Financial Bid</b> will be intimated to the qualified bidders separately.</p>

Note:

- 1) **VERY IMPORTANT:** Only those Original Equipment Manufactures (OEM) / Authorized Distributors / Dealers who have Office / maintenance establishments in and around Coimbatore (within 100 km radius) only need to submit tender. Bidders should submit address of the local office / establishments in Technical Bid. Indian Bank reserves the right to verify such address of office / establishments to **take care of after sale services.**
- 2) The sealed first envelope containing PQR documents & EMD i.e **Technical Bid** (and tender fee of Rs. 1000/- in the case of downloaded tender forms **for Coimbatore Main branch**) shall be super scribed as **"Tender for supply, Installation, Testing & Commissioning of Diesel Generating set for Coimbatore Main branch (180 KVA) – PQR documents"**
- 3) The sealed second envelope shall be super scribed as **"Tender for supply, Installation, Testing & commissioning of Diesel Generating set (180 KVA) for Coimbatore Main branch - Financial Bid"**.
- 4) The envelopes containing PQR & EMD i.e **Technical Bid** (Tender fee of Rs. 1000/- also in case tender is downloaded form website) and second sealed envelope containing **Financial Bid** (180 KVA Gen Set) shall be placed in bigger envelope super scribed as **"TENDER FOR PURCHASE OF 180 KVA GENERATOR IN COIMBATORE MAIN BRANCH"**
- 5) Tenderers may contact Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018 from **13.02.2012 to 26.02.2012** (except Saturdays and Sundays) between 10.30.a.m to 4.30 p.m).
- 6) The existing generator set in running condition (**125 KVA, Cummins turbo engine with Kirloskar alternator – 1997 model**) is offered on **Buy back arrangement at as is where is condition.**
- 7) Tenderers are advised to inspect the generator set and offer buy back price for the generator in the Financial Bid. **The tender will be finalized taking into account the buy back price also.**
- 8) The successful tenderer should remove the old generator from the site within 07 (seven) days at their cost after installation, testing and commissioning of the new generator set after paying the tendered value at Indian Bank, Coimbatore main branch.
- 9) **Technical Bid** constitute Notice Inviting Tender (NIT), Instructions to Tenderers, Commercial and General Terms and Conditions, Undertaking by Tenderer, Declaration by Tenderer, Technical specifications (Annexure A), Format and requirements of Technical Bid (Annexure B) and Check list with the EMD and cost of tender form (as applicable). All the pages of the above documents should be signed by the tenderer.
- 10) **Financial Bid constitute Annexure – C.**

Tele: Tel: 0422 – 2230302, 2231722  
Mob: 94420 02625.

**GENERAL MANAGER**

INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

**INSTRUCTION TO THE TENDERERS**

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

These instructions shall form the 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 along with the tender. A copy of the same should be enclosed with the 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 General Manager, Indian Bank 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 General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018. The said bigger envelope shall contain two sealed envelopes containing Technical & Financial bids.
5. **FOR COIMBATORE MAIN BRANCH:**

The bigger envelope must be super scribed "**TENDER FOR THE PURCHASE OF 180 KVA GENERATOR IN COIMBATORE MAIN BRANCH**". The two envelopes inside the bigger envelope must be super scribed as:

**Envelope No-1:** The said envelope is for **Technical bid** & shall be super scribed as "**Tender for the Supply, Installation, Testing & Commissioning of Diesel Generating Set for Coimbatore Main branch (180 KVA) – PQR documents**"

**Envelope No-2:** The said envelope is for **Financial bid** & shall be super scribed as "**Tender for the Supply, Installation, Testing & Commissioning of Diesel Generating Set (180 KVA for Coimbatore Main branch) – Financial Bid**".

The tender should reach the office of General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018 on or before **27.02.2012 up to 1400 hours**.

6. The tenders will be opened at office of General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimbatore – 641 018 on **27.02.2012 at 1600 Hours (4.00 P.M)**. The Tenderer or their authorized representative (One person only) 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 **INCLUDING Technical bid**.
8. All the columns of the tender shall be duly, properly and exhaustively filled in. The rates and units shall not be overwritten. The quotes shall always be both in figures and words.
9. General Manager Indian Bank reserves the right to reject any tender/ bid wholly or partly without assigning any reason and to restrict the list of qualified contractors for opening of financial bid to any number deemed suitable by it from out of bids received.
10. The materials shall be in compliance to the specifications of the tender and shall be of the best quality and high standards.
11. 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.
12. While submitting the tender, any of the prescribed conditions are not fulfilled or are incomplete in any form; the tender is liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
13. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender.
14. Indian Bank have 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. The Earnest Money deposit (EMD) of **Rs. 10,000** (Rupees ten Thousand only) by way of DD drawn in favor of "**Indian Bank Zonal Office**" shall be submitted in the first envelope super - scribed as, "**Tender for the Supply, Installation, Testing & Commissioning of Diesel Generating Set – Coimbatore Main (180 KVA) PQR documents**". No Cheque or cash towards Earnest Money deposit shall be accepted. The offers without Earnest Money Deposit will be rejected. Tender fee of **Rs. 1000/-** (by way DD favouring **Indian Bank, Zonal Office** for those who have down loaded the tender forms should also be enclosed with the Technical Bid.
17. Tenderer shall take into account the cost of labour, unloading & cartage etc. for giving delivery of material at site i.e. Indian Bank, 31 Variety Hall Road before quoting the rates. In this regard no claim what so ever shall be entertained.
18. The material shall be inspected on receipt at destination, i.e. Indian Bank, 31 Variety Hall Road, Coimbatore – 641 001 and supplier shall be responsible for any damage during the transit of goods.
19. All the communication with respect to the tender shall be addressed to:  
  
**General Manager,  
Indian Bank, Zonal Office  
359, Dr. Nanjappa Road  
Coimbatore – 641 018**
20. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Coimbatore Court only.

*We confirm with our acceptance to the instructions (S.No-1 to 20 above) as given above.*

**Date:** **TENDERER'S NAME & SIGNATURE WITH SEAL**

INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

**COMMERCIAL AND GENERAL TERMS & CONDITIONS**

**Nature of Goods/ Equipments:** For Supply, Installation, Testing & Commissioning of Diesel Generating sets with a capacity of 180 KVA including AMF panel.

**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 **General Manager, Indian Bank, Zonal Office, 359, Dr. Nanjappa Road Coimbatore – 641 018**. In the bigger envelope two separate sealed envelopes shall be placed in which one envelope shall have "**Technical bid (PQR and EMD)**" and second shall have "**Financial bid**" for 180 KVA generating set respectively. The authorized person of the Tenderer should sign the tender documents in all pages.
- 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. Armoured cables, copper cables, copper flat and other wires mentioned in the Annexures are only approximate quantity. Payment will be made on actual after measurement.
- d) The Tenderers are free to inspect the installation location in the premises of Indian Bank, 31 Variety Hall Road, Coimbatore - 641 001 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 of tender.
- 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 supply and the quality of the material to be supplied. The final acceptance of the tender rests with the General Manager of Indian Bank, Coimbatore, 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 General Manager, Indian Bank, Zonal Office, 359 Dr. Nanjappa Road, Coimabtoe – 641 018 in the presence of available tenderers, on the date and time mentioned in the Notice Inviting Tender (NIT).
- b) Tenders received in open covers / letters / fax / telegram / email will not be considered.
- c) The tenders received after the stipulated date and time or tenders received without the requisite EMD and Tender fee (applicable for those who have down loaded tender form from Bank web site) or tender 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 Indian Bank, then Indian Bank shall, without prejudice to any other rights or remedy, be at liberty to forfeit the EMD. The rates quoted in the tenders shall be treated as firm during this period of contract.
- b) Should the Tenderer for any reason whatsoever withdraws the tender after it is accepted or become unable or fails to execute the orders within stipulated delivery period, Indian Bank shall be at liberty to cancel the order forthwith. The EMD of the tender in such a case will be forfeited by Indian Bank. Further Indian Bank shall have the right to procure such or similar Diesel Generator Set from the open market at the tenderer's risk and expenses.
- c) No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained till supplies are completed.

## **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 supplied. The Tenderer shall please note that in case tenderer fails to supply within the period of delivery indicated in the said tender, penalty at the rate of 1% of value of the order, per week of delay subject 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 quotes, intimate his acceptance of the order. The successful Tenderer shall complete supplies strictly as per the accepted delivery period.

## **5. Guarantee of Quality:**

- a) 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 12 months from the date of supply and installation of Diesel Generating set with a capacity of 63 KVA including AMF panel and provide onsite warranty for the period as confirmed in price bid (**Column No (k) in Annexure "C"**). Onsite warranty of minimum 12 months covers free service and free spare parts excluding cost of consumables (comprehensive warranty).
- b) The Tenderer have **right to offer warranty more than 12 months** and this aspect would certainly be taken into consideration.

## **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 63 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 and installation and commissioning. 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 Indian Bank, 31 Variety Hall Road, Coimbatore – 641 001 (for 180 KVA Generating set). Indian Bank 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 along with 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 Indian Bank shall be delivered FOR destination securely packed as may be necessary.
- b) DG set shall have to be delivered at and installed at Indian Bank, 31 Variety Hall Road, Coimbatore – 641 001 and to be operationalized to the satisfaction of the General Manager or any other officer designated by him.
- c) Installation & demonstration of DG sets shall have to be carried out free of cost at Indian Bank, 31 Variety Hall Road, Coimbatore – 641 001. Free training for at least two persons shall be provided.

## **9. Payment:**

- a) The payment will be made by the Bank 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 designated officials of Indian Bank, 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 seven 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 180 KVA including AMF panel at sites, against the receipt of performance guarantee from supplier for the period of 12 months from the date of Installation & Commissioning of Diesel Generating set with AMF panel at site.
- d) Supplier shall provide Performance Bank Guarantee from any Nationalized / scheduled Bank in India in favor of Indian Bank, Zonal Office for 20% (twenty percent) of the total bill value of the order with validity of 12 months. The guarantee shall be given as a commitment of supplier for services during the period of minimum warranty period i.e. 12 months. In case the supplier fails to deliver the services, Indian Bank can recover the amount by invoking the Performance Bank guarantee.

## **10. Earnest Money Deposit:**

- a) **Rs. 10000/-** (Rupees ten thousand only) for Coimbatore Main branch at 31 Variety Hall Road, shall be paid along with the tender by way of DD drawn in favour of **Indian Bank, Zonal Office payable at Coimbatore.**
- b) Non furnishing of EMD at prescribed rate along with the tender or by claiming exemption will attract to rejection of the tender.
- c) Indian Bank 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 Indian Bank for any other contract / tender cannot be considered as EMD for this tender. Hence the bidders have to invariably furnish the required EMD exclusively 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 kept with our office for a period of 12 months from the date of successful installation of DG set.
- 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 supply the Diesel Generating set with a capacity of 180 KVA including AMF panel on issuance of dispatch instruction by Indian Bank at the agreed contract rate.
  - iii) If the bidder delays supplies beyond a reasonable time resulting in disruption of Indian Bank works, Indian Bank shall not be liable for payment of any interest on EMD or any depreciation thereof.

## **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 duration of the contract is for a period of 12 months from the date of agreement and it can be extendable for further period on mutually agreed terms and conditions. Indian Bank reserves the right to accept or reject any or all the tenders without assigning any reasons.

- b) **Service Facility:** In order to ensure proper and timely after sales service manufacturer / authorized agency or dealer shall have an office in Coimbatore with well equipped service centers with technically qualified people and shall be able to deploy Service Personnel at short notice and attend the maintenance within 24 hours.
- c) **Number of units of power that can be generated in an hour and other technical details like, fuel consumption/efficiency in one hour, the unit cost of production per unit of Electricity etc. should be furnished in Technical bid.**

### **13. Claims:**

- a) If the material supplied are found to be off size and shape different than those contracted and are of specifications lower than those stipulated in this contract, Indian Bank 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 supplier shall reimburse to Indian Bank the actual expenditure on such goods by way of cost, within 15 (fifteen) days of its demand. The supplier shall be responsible for arranging the rejected goods to be removed at his cost from Indian Bank premises, if so desired by Indian Bank.
- b) The supplier shall also compensate for losses, if any, sustained by Indian Bank 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 Indian Bank, the Bank reserves the right to terminate the contract without assigning any reason. Indian Bank 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:
  - i) Non supply of DG sets on stipulated time, quantity and specifications ordered by Indian Bank.
  - ii) Supply of poor quality, sub standard DG sets
  - iii) Inordinate delay on supply of equipments
  - iv) 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 Indian Bank reserves the right to repudiate the contract without assigning any reasons besides taking appropriate action against the dealer including forfeiture of security deposit.

**15. Guarantee:**

- a) The supplier shall unconditionally guarantee that the Material supplied shall:-
  - i) Be in satisfactory condition and free from all defects including defects arising out of inferior materials faulty and inferior workmanship.
  - ii) Be of highest quality and fit for the purpose for which they are intended.
  - iii) Strictly comply with Technical Specifications.
  - iv) Whereas defects are found in goods within a period of 12 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 Indian Bank

**16. Warranty:**

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

- 17.** Permission from EB: Vendor should make arrangements and obtain permission if any from State Electricity Board if required.

*We confirm with our acceptance to the Commercial & General Terms & Conditions (S.No-1 to 17) as given above.*

**SIGNATURE OF THE TENDERER WITH SEAL**



INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

To

The General Manager  
**Indian Bank, Zonal Office**  
**359, Dr. Nanjappa Road**  
**Coimbatore – 641 018**

Nature of Goods/ Equipments:	For Supply, Installation, Testing & Commissioning of Diesel Generating set with a capacity of 180 KVA including AMF panel
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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 item for which tender issued

I/We .....do hereby submit tender for Supply, Installation, Testing & Commissioning of Diesel Generating sets with a capacity of 180 KVA including AMF panel to Indian Bank, Coimbatore, as per the quoted rate and in all respects in accordance with the conditions applicable.

I/We enclose herewith a Bank Draft 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 Indian Bank or in default thereof pay to Indian Bank the sum of money mentioned in the said condition without prejudice to any other right of Indian Bank.

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 Indian Bank, Variety Hall Road 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 Indian Bank 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 Bank 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 Indian Bank.

We have inspected the old generator at site and included our offer price in the Financial Bid on Buy back arrangements and we shall remove the old generator from site at our cost with in seven days after installation, testing and commissioning of the new generator at site after paying the offer price at Indian Bank, Coimbatore Main branch.

Dated this.....day of.....2012

Name of the Tenderer/s:

Seal:

Authorized Signatory:  
With complete address, phone / fax numbers

**INDIAN BANK**  
**ZONAL OFFICE : COIMBATORE**

**DECLARATION**

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

Nature of Goods/ Equipments: For Supply, Installation, Testing & Commissioning of Diesel Generating set with a capacity of 180 KVA including AMF panel

I/We have read the Tender documents and related matters carefully and diligently and that I/We have submitted the tender having studied, understood and accepted the full implications of the tender agreement. The requirements of the tender agreement as stated above will be fulfilled by me/us to the satisfaction of Indian Bank.

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.

INDIAN BANK  
**ZONAL OFFICE : COIMBATORE**

**ANNEXURE – A**

**Technical specifications for the supply, Installation, Testing & Commissioning of Diesel Generating Set with a capacity of 180 KVA including AMF panel.**

**1. ENGINE:**

**KIRLOSKAR** oil engine make model **6 SL 1500 TA SR1** turbo charged vertical inline 6 cylinders, water cooled diesel engine developing 235 HP at 1500 rpm incorporating the accessories given below.

- Dry type air cleaner
- Exhaust silencer suitable for canopy
- Expansion bellow
- Lube oil cooler
- Full flow Lube oil filter
- Fuel filters (Pre & Micro)
- Radiator with pusher type fan and mounting
- In-line mono block fuel injection pump.
- Mechanical governor and fuel feed pump
- Fly wheel with starter ring and bell housing suitable for close coupling
- Exhaust gas driven turbo charger
- 24 V electric starter motor
- Battery charging alternator
- Protection system for
  - Low lube oil pressure
  - High water temperature
- Fuel off solenoid
- Initial fill of Lube oil
- Lube oil drain arrangement
- Breather pipe
- AVM's

**2. ALTERNATOR:**

**KIRLOSKAR GREEN** make alternator rated 180 KVA, 415 volts. 0.8 PF, 50 Hz, 3 phase, 4 wire self regulated and self excited with voltage regulation of + or – 1% class "H" insulation in SPDP enclosure and conforming to IS 4722 / BS 2613, suitable for close coupling.

### **3. ACOUSTIC ENCLOSURE:**

Sound proof Acoustic enclosure suitable for above DG set manufactured and type tested complying to the specifications as per Central Pollution Control Board (CPCB)

### **4. CONTROL PANEL:**

- MCCB
- Voltmeter
- Voltmeter selector switch
- Ammeter
- Ammeter Selector switch
- Indicating lamp for "set run" and "load on"
- Set of control fuses
- Set of current transformers
- Frequency meter
- Hour meter inbuilt EMS unit
- KWH meter
- KW meter
- Electronic earth fault relay
- Bus bars
- HRC fuses
- Battery charging Ammeter
- Lube oil pressure gauge
- Water temperature gauge
- Starting Key

### **5. FUEL TANK:**

Sheet metal fuel tank of suitable capacity with mechanical type level indicator. Fuel tank will have inlet and outlet banjos with hose and clips, fuel filling hose & breather. Manhole arrangement with fuel drain plug. Fuel filling cap with lock & key arrangement on the canopy.

### **6. BASE FRAME:**

Sheet metal base frame suitable for monitoring the Canopy structure directly on the channels. The cross members re designed in such a way that it can house Engine and Alternator. Base frame will have provision to mount fuel tank and battery. End Channel will be of removable type for removing the fuel tank etc. Base frame will have provision for Lube oil drain hose and Breather hose.

### **7. BATTERY:**

25 Plate, 180 Amps, 2 nos 24 Volts Battery with one set connecting leads of 75 sq. mm size Copper cable.

## 8. EXHAUST PIPING:

DG set offered in complete with exhaust piping i.e, Silencer is mounted and connected by means of MS pipe through flexible pipe to the engine manifold. Entire exhaust piping inside the Canopy (Cold zone) is insulated by means of rock wool and aluminum gladded.

## 9. EXHAUST PIPING outside canopy.

Exhaust piping of suitable size outside the canopy should be taken up by the vendor depending upon the site conditions.

## 10. MANUAL AND DOCUMENTATION:

- Operation and Maintenance Manual of engine
- Maintenance Manual for Alternator
- Engine Test Certificate
- Alternator test certificate
- Circuit diagram for Control Panel.
- DG set test certificate
- CPCB Compliance label fixed on Canopy.

## 11. AMF CONTROL PANEL:

- AMF panel with auto mode and manual mode.
- Gen set delay time : 0-10 sec (Max. 30 sec)
- Gen Set Crank time (start) : 0-2.5 sec
- Cycle time : 0-25 sec
- No load running time : 0-30 sec
- E.B. on delay time : 0-30 sec
- Gen Set load on delay time : 0-15 sec
- **Change over:** On load change over by 160A 4 pole contactor for phased and neutral with electric interlocking arrangements. **Should have change over contactor for 4 E B Service connections.**
- **Incoming back up**
  - MCB Back up for AC control circuit
  - MCB back up DC control circuit
  - MCCB back up for generator incoming
  - MCCB back up for E B incoming
- **Metering:** Digital VAF meter for EB and Gen set.

**A. E B Incoming –**

- i) 125A 3P MCCB EB incoming (feeder 1) : 02 Nos
- ii) 100A 3P MCCB for EB incoming (feeder 2-4) : 03 Nos

**B. Contactor:**

- i) 130A Power contactor for E B(feeder1) : 01 Nos.
- ii) 130A Power contactor for D G (feeder1) : 01 Nos
- iii) 130A Power contactor for E B (feeder2-4) : 03 Nos
- iv) 130A Power contactor for D G (feeder2-4) : 03 Nos

**C. E B Control circuit:**

- i) E B Control MCB : 01 sert
- ii) Load ON EB indicating lamp : 01 No
- iii) EB control contactor : 01 No
- iv) Line voltage monitor : 04 Nos

**D. DG Control circuit:**

- i) Load on DG indicating lamp : 01 No
- ii) DG Control MCB : 01 No
- iii) D G Aux. relay : 01 No

**E. DC control circuit:**

- i) Connecting terminals : 01 set
- ii) Control relay : 01 No
- iii) DC control switch : 01 No
- iv) Start / stop driver relay : 01 No

**F. Wiring:**

- i) Cable duct : 01 set
- ii) MCB Channel : 01 set
- iii) Control wire and wiring : 01 set

**G. Panel:** Powder coated floor mounted panel box : 01 No

**H. Bus bar:** Aluminum bus bar : 01 set

INDIAN BANK  
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**ANNEXURE – B**

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

1. Tender Reference No: .....
2. Name of Tenderer : .....
3. Due date and time of submission: .....
4. Opening date & time: .....
5. Amount of EMD enclosed for  
Rs 10,000/- (Rupees ten thousand only) by DD No.....  
dated.....Drawn on .....(Bank Name)
6. In case tender form is downloaded from Bank web site, the tender fee of  
Rs. 1000/- (Rupees one thousand only) enclosed by way of DD No.  
..... Dated ..... drawn on .....(Bank  
name)
7. Documents details to be enclosed with the Technical Bid:
  - I. Prequalification requirements:
    - 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. **IBZOCBE / DG SET / 2012 / 02** and has capacity & capability to execute the tender independently, in compliance to the terms and conditions contained in Tender documents.



- b) In case the indenting tenderer is Original Equipment Manufacturer, they shall submit the certificate from original manufacturer that they shall be treated as OEMs

OR

In case intending tenderer is authorized distributor / Dealer, they shall have to possess valid authorized Distributorship / Dealership licence from manufacturers. The copy of the same shall be enclosed along with the technical bid of 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 of similar capacity or more including AMF panel. The details shall be submitted as per format placed under.
- a) Name of work / Project location / procurement 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 / Tele. Number of officer
- III The generator set shall be Central Pollution Control Board (CPCB) compliant and the Tenderer shall submit the relevant papers / certificates along with Technical Bid of tender documents to prove the same.
- IV Give description of items / equipments / materials with accessories offered by Tenderer for supplies through this tender. The bidder shall submit all supporting information with respect to the technical data of the product. Items offered should conform to the specifications or as explicitly stated as 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 Tenderer 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 item, if offered, be provided with their full technical details including their use and advantages.

- 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 opening of the Technical Bid of the tender i.e. Valid for 120 days from 27<sup>th</sup> February 2012.
- VII Attach the complete tender documents duly signed on all pages like instructions to tenderers, Commercial & general terms and conditions, undertaking from tenderer, declaration by tenderer (as per format) placed in tender along with the said Technical Bid.
- VIII **Tenderer should inspect the site and furnish offer price for the existing old generator (125 KVA capacity with Cummins turbo engine and Kirloskar alternator- 1997 model) at as is where is condition.**

Date:

Signature of the Tenderer with stamp.

**ANNEXURE – C****INDIAN BANK  
ZONAL OFFICE : COIMBATORE****FORMAT & REQUIREMENTS FOR SUBMITTING FINANCIAL BID  
(PRICE BID FOR 180 KVA GEN SET)**

1. Tender Reference No: .....
2. Name of Tenderer : .....
3. Due date and time of submission: .....
4. Opening date & time: .....
5. PAN Number of the supplier: .....  
(copy to be enclosed)
6. TIN Registration Number of supplier:.....  
(Copy to be enclosed)
7. The offer with the rates of schedule of requirements of items, as elaborated under, to be submitted. Adhering to the format below is a pre-requisite for considering the quotes. Tenderer should submit quote in the following bank's format only.

<b>S No</b>	<b>Description</b>	<b>Qty</b>	<b>Unit (Nos/m eter / any other to specify)</b>	<b>Unit price</b>	<b>Total amount (Qty X Unit price) (Rs)</b>
a)	Supply, installation, Testing and Commissioning of <b>180 kva Kirloskar Green</b> Eco friendly silent Diesel Generating Set as per specifications of Annexure – A including alternator and engine (all inclusive)	01	No		
b)	Supply, installation, testing and commissioning of AMF panel as per specifications in Annexure – A for 4 EB service connections.	01 No	No		

S No	Description	Qty	Unit (Nos/m eter / any other to specify)	Unit price	Total amount (Qty X Unit price) (Rs)
c)	Supply and laying of 3.5 x 240 sq. mm UG Aluminum armoured cable of ISI standard	35 m	Meter		
d)	Supply and laying of 3.5 x 95 sq. mm UG Aluminum armoured cable of ISI standard	20 m	Meter		
e)	Supply and laying of 2.5 sq. mm copper cable with pipe	120m	Meter		
f)	Supply and laying of 1 x 1/8 copper flat for earthing (for 4 Nos earth)	40 m	Meter		
g)	Supply and laying of 1 x 1/4 copper flat for earthing (for 4 Nos earth)	40 m	Meter		
h)	Earth pit work with all necessary works and standard materials applicable to the project.	4 Nos	No		
i)	Total (Rs)	-	-	-	

(Rupees .....

.....only)

Note: The rate should be inclusive of all duties and VAT, packing forwarding and transportation up to the site.

**j) . Delivery period (No. of days):**

**k). Warranty (indicate period) :**

<b>l)</b>	Buy back price offered for the exiting 125 KVA generator set with Cummins turbo engine and Kirloskar alternator – 1997 model at as is where is condition.	Rs.  (Rupees _____ _____only)
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Date:

Signature of the Tenderer with stamp.

08. Payment terms: Refer to Para 9 of '**Commercial and General Terms & Conditions of Tender**'
09. **Delayed Supplies:** Refer Para 4 of '**Commercial and General Terms & Conditions of Tender**'
10. The tender shall remain valid for acceptance for 120 days, from the date of opening of Technical Bid of the Tender.
11. Rates should only be quoted in the accounting units mentioned in the above format. Rates must be quoted clearly on free delivery basis at the site.
12. In case any of the sub heads are included in the total cost, the same should be specified in a separate sheet.
13. Any exemption of duties / taxes should be indicated.
14. In case spares / accessories are applicable, their list and price should be clearly indicated separately. Also in case spares / accessories are applicable and you are offering with in the quoted rates, the same shall also be indicated separately.

Date:

Signature of the Tenderer with stamp.

**INDIAN BANK**  
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**CHECK LIST**

S No	Description	YES / NO
01	Technical Bid duly signed in all pages	
02	Self declaration in tenderer's letter head as per Para 7. I (a) of Annexure 'B'	
03	EMD of Rs. 10000/- as per instructions with Technical Bid	
04	Cost of Tender form of Rs. 1000/- (applicable for downloaded tender forms only) with Technical Bid	
05	Financial Bid for 180 KVA Gen set	
06	Certificate from Original Manufacturers for OEMs	
07	Certificate of valid Distributorship / Dealership licence from manufacturers as applicable	
08	Undertaking from Tenderer (part of Technical Bid)	
09	Declaration from Tenderer (part of Technical Bid)	
10	Details of customers to whom similar supplies are made as per Para 7 (II) of Annexure – B (Technical Bid)	
11	Pollution Compliant Certificate from CPCB	
12	Copy of PAN & TIN Number	
13	Address of office / Service establishments in and around Coimbatore	
14	Technical specifications of the Gen sets	
15	Furnish details like No. of units 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.	

**Date:**

**Signature of the Tenderer with stamp.**