



Head Office, Premises Department
Star House, C-5, 'G' Block, Ground Floor,
Bandra-Kurla Complex, Bandra (East), Mumbai – 400 051.
Phone No 022-61317524/61317525

BANK OF INDIA

STAR HOUSE 2, 3rd FLOOR, PREMISES DEPARTMENT
G-BLOCK, BANDRA KURLA COMPLEX
BANDRA (E), MUMBAI-400051

BID DOCUMENT

Technical Bid

**1500 KVA, 11KV/433V, VPIRESIN IMPREGNATED, DRY TYPE (AN)
DISTRIBUTION TRANSFORMER at STAR HOUSE 1, G-BLOCK, BANDRA
KURLA COMPLEX, BANDRA (E), MUMBAI-400051**

INDEX

Sr. No.	DESCRIPTION	SECTION	PAGE NOS .
TECHNICAL BID			
1	NOTICE INVITING BID	SECTION-1	4 to 5
2	BID SUMMARY	SECTION-2	6 to 7
3	SELECTION CRITERIA	SECTION-3	8
4	GENERAL CONDITION OF CONTRACT	SECTION-4	9-12
5	TECHNICAL SPECIFICATION	SECTION-5	13 to 22
6	FORMATS & ANNEXURES	SECTION-6	23-34
PRICE BID			
7	FINANCIAL/PRICE BID	SECTION-6	35

DISCLAIMER

The information contained in this Bid document or information provided subsequently to bidder(s) or applicants whether verbally or in documentary form by or on behalf of Bank of India ("Bank of India / Bank"), is provided to the bidder(s) on the terms and conditions set out in this Bid document. This Bid document is not an agreement and is neither an offer. The purpose of this document is to provide applicants who are qualified to submit the bids ("Bidders") with information to assist them in formulation of their proposals ("Bids"). This Bid document does not claim to contain all the information each Bidder may require. Each Bidder may conduct its own independent investigations and analysis and is free to check the accuracy, reliability and completeness of the information in this document. Bank makes no representation or warranty, express or implied, and shall incur no liability whatsoever under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document. Bank may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this document.

The information contained in the document is selective and is subject to update, expansion, revision and amendment. Bank of India does not undertake to provide any Bidder with access to any additional information or to update the information in this document or to correct any inaccuracies therein, which may become apparent. Bank of India reserves the right of discretion to change, modify, add to or alter any or all of the provisions of this document and/or the bidding process, without assigning any reasons whatsoever. Such change will be intimated or made accessible to all Bidders. Any information contained in this document will be superseded by any later written information on the same subject made available/accessible to all recipients by Bank of India.

Bank of India also does not accept liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this document. Bank of India reserves the right to reject any or all the responses to the bid documents / Bids received in response to this bid document at any stage without assigning any reason whatsoever and without being liable for any loss/injury that Bidder might suffer due to such reason. The decision of Bank of India shall be final, conclusive and binding on all the parties directly or indirectly connected with the bidding procedure.

SECTION-1
NOTICE INVITING BID

- I. Bank of India (in short “the Bank”) invites bids through GeM, in a two packet system (Technical and Financial Bid) for selection of vendors for Supply, Installation, Testing and Commissioning (SITC) of VPI Resin Impregnated, 1.5 MVA Dry Type (11KV/433 V), AN ,Distribution Transformer at Star House 1, G-Block, Bandra Kurla Complex, Bandra (E), Mumbai-400051.
- II. Work will be awarded to the lowest bidder (L1). In case performance is not satisfactory, the Bank will terminate the contract by giving 15 days’ notice to the firm /Contractor/ individual and impose the penalty as per the bid terms.
- III. The Earnest Money Deposit (EMD) of Rs.70,000/- The earnest money deposit will not bear any interest. The earnest money deposit will be forfeited in the event of any evasion, refusal or delay on the part of the selected bidder/Contractor to sign and execute the contract on acceptance of their bid. The earnest money deposit, without any interest, will be returned to the firm /Contractor/ individual whose quotations are not accepted. The earnest money deposit of the successful bidder, will be returned without any interest to bidder only after the successful completion of defect liability & submission of PBG (3% of contract value) in the Bank’s format.
- IV. Micro, Small & Medium Enterprises registered with National Small Industrial Corporation (NSIC) or equivalent and having single point registration are exempt for payment of EMD. The firm /Contractor/ individual should submit the valid certified copy of NSIC or equivalent registration certificate/ renewal certification. Photocopy of application towards registration / renewal is not acceptable.
- V. The last date is for submission of bid is 28.03.2024, with the time of the day being as per GeM guidelines. The EMD is also to be submitted at the time of submission of bid.
- VI. The above bid will be valid for a period of 60 days from last date of submission of Bid viz. 28.03.2024. However, further extension, if required shall be sought by the Bank and the same shall be notified to all bidders through GeM.
- VII. Bids which do not fulfill all or any of the Bank’s terms & conditions and/or incomplete in any respect are liable to be rejected. Any discrepancies, omission, ambiguities in the bid format may be brought to the notice of Bank’s officials during Pre-Bid meeting to get necessary clarifications in the matter.

Bank shall not be responsible if any discrepancies, omission, ambiguities in the bid format or any doubts are brought to the notice of Bank after pre-bid meeting. Queries may be sent on or before pre-bid meeting as mention in point no. VIII viz 21.03.2024 at 03:00 PM.

- VIII. Pre-bid meeting is **MANDATORY** and will be held on **21.03.2024 at 03.00 PM** at Premises Department, 3rd Floor, Star House 2, Bandra Kurla Complex, Bandra (E), Mumbai-400051.
- IX. Bidder should submit the following documents along with their bids on GeM:-
- 1) Registration detail in the Maharashtra state as per the GST Act.
 - 2) Copy of the PAN card
- X. The Bid shall be opened as Technical Bid followed by Financial Bid.
- XI. Process for evaluation of Bid;
- I. Initially technical bids will be opened on closure of bid submission. In case of any variations / conditions / deviations stipulated by the bidders in their technical bid, the same will not be accepted by the Bank. Bids submitted by bidders who fail to comply with the terms and conditions of the technical bid shall be disqualified. The Bank will not accept any conditional bid. For the bidders who qualify technical bids, their sites of work shall be inspected by Bank officials or qualified representatives or both. If the work at such sites is found inadequate/ lacking the Bank may disqualify such bidders before opening of financial bids.
 - II. The financial Bid shall only be opened for bidders who have qualified the Technical Bid phase and whose work has been found satisfactory at the site inspection.
- XII. The Bank reserves the right to accept/reject any bid or to annul the bidding process at any time prior to award of the contract, without assigning any reason thereof or without incurring any liability to the affected bidder (s) or any obligation to inform the affected bidder(s) of the grounds of Bank's action. The Bank shall also have the right to restrict the list of bidders to any number as deemed suitable. Bank also has the right to reject all the applications and to go in for re-advertisement without assigning any reason thereof. Any decision in this regard by Bank shall be final, conclusive and binding on the Bidder.

Location: Mumbai

S/d

Date: 15.03.2024

General Manager

SECTION-2

BID SUMMARY:-

1.	Name of Work	Supply, Installation, Testing & Commissioning of 1.5 MVA Transformer, 11KV/433 Volts, Dry Type , AN at Star House 1, G-Block, Bandra Kurla Complex, Bandra (E), Mumbai-400051
2	Bid Shall remain valid for	60 days from the date of opening of bid
3	Time of completion of work	6 weeks from the date of issue of work order.
4	Payment terms	90 % payment will be made after successful Supply, Installation, Testing & Commissioning of 1.5 MVA Transformer, 11KV/433 Volts, Dry Type , AN at BANK OF INDIA. Balance 10% amount will be paid after completion of defect liability period of one year.
5	Earnest Money Deposit	Rs.70,000/-
6	LD (Liquidated Damage)	0.5 % per week of delay subject to maximum 5% of the total contract value.
7	Availability of Bid Documents	Bid Document is available on www.bankofindia.co.in in Notice & Tenders
8	Bid Document Downloading	28 th March, 2024
9	End date of downloading	28 th March, 2024
10	Last date and time of submission of bid documents	28 th March, 2024, time of day for closure shall be as per GeM guidelines
12	Warranty of Transformer	5 Years (60 Months)
13	e Performance Bank Guarantee (ePBG)	3% of total contract value for 66 months from the date of award of work order.
14	Date & time of opening of Price bid	Opening shall be done after financial bid phase and only for qualified candidates
15	Corrigendum	All corrigendum is to be hosted on our website www.bankofindia.co.in in Notices & Tenders.
16	Make	Crompton Greeves, Kirloskar, ABB, Voltamp

SECTION-3

SELECTION CRITERIA

1. All the electrical contractor, suppliers and manufactures are eligible for Supply, Testing, Installation and Commissioning of minimum 1.5 MVA Dry Type Transformer (AN).
2. Minimum 5 years' experience by the Contractor as on March 31, 2023 to render services towards for Supply , Testing , Installation and Commissioning of minimum 1.5 MVA Dry Type Transformer (AN).
3. Within last 5 years ending on March 31, 2023, the applicant/ bidder should have render the services towards for Supply, Testing, Installation and Commissioning of minimum 1.5 MVA Dry Type Transformer (AN). as under :

One similar completed work costing not less than Rs. 32 lakh in one year Or

Two similar completed works costing not less than Rs. 20 lakh in one year Or

Three similar completed works costing not less than Rs. 16 lakh in one year

4. The applicant/ bidder should have completed at least one work as described in (iii) above for Govt/ PSU/ PSBs/ Semi Govt. etc. "Similar" works shall mean carrying out supply, installation, testing and commissioning of minimum 1.5 MVA Transformer in Banks, financial institutions, major hotels, and multistoried office buildings etc.
5. Contractor should have average financial turnover of at least Rs.50.00 Lakhs during last 3 financial years ending March 31, 2023.

Documents required for verification:

- (a) Certificate of Financial Turn over: At the time of submission of bid, the bidder shall submit Certificate from Chartered Accountant mentioning Financial Turnover of last 3 financial years or its balance sheet for 3 years' period. Micro, Small & Medium Enterprises registered with National Small Industrial Corporation (NSIC) or equivalent and having single point registration are exempt from only the turnover clause.
- (b) The past experience in similar nature of work should be supported by completion certificates issued by Government/PSU/PSBs/Semi Government agencies in respect of the works awarded by them. In case the work experience is of Private sector, the completion certificate shall be supported with copies of work orders and copies of corresponding TDS certificate (Form 16 A).
- (c) Certified copy of the completion certificate as per the prequalification criteria.

SECTION-4

GENERAL CONDITIONS OF CONTRACT (GCC):

1. As per GeM guidelines, the financial bids of bidders qualified after technical phase shall be opened and the L1 bidder shall be awarded the bid. In case the L1 bidder is not a Make in India Bidder, the next available Make in India bidder shall be offered the match the L1 rate, provided original bid of such non-L1 Make in India bidder is within the (L1 + 5%) slab. Should the non-L1 Make in India bidder fail to match the L1 rate, the next available Make in India bidder shall be approached
2. Your offer shall be valid for a period of 60 days from the date of opening of the price bids.
3. All the pages of the bid document shall be signed by the hand of the authorized representative of the bidder.
4. All the corrections shall be duly signed and stamped. Application received after the above date/ time will not be considered.
5. Bank reserves the right to reject /cancel the bid without assigning reason or whatsoever.
6. Please enclose the list of technical staff with contender testing address, telephone numbers as per the Annexure.
7. Conditional bids are not acceptable.
8. Bank will not be responsible for accidental injury of any of the operating personnel involving in the audit procedure. Personnel should be well trained and should have adequate knowledge in electrical safety aspects and handling of electrical equipment's.
9. Whenever the bid specifies that the bidder will have to supply the material on a 'guarantee basis', the bidder shall ensure that any defects, manufacturing or otherwise during such period, would be rectified by the bidder free of cost, failing which, he would indemnify the Bank against any loss or damage caused to the Bank due to such non-performance. The Bank shall not consider the offer of the bidder, if the clause is not complied with.
10. All the rates quoted against each category must include loading, unloading, transportation, shifting from the basement. No further enhancement in the quoted rates is permissible.
11. Bids shall be deemed to be under consideration from the opening of bids, until an official announcement of the award is made. While bids are under

consideration, the bidder and their representatives shall refrain from contacting by any means, any personnel of the Undertaking on matters relating to bids under scrutiny. If necessary, clarification will be called for by the Bank from any or all the bidders in writing. Canvassing in any form will disqualify the bidder.

12. The bidder and their respective officers, employees, agents and advisers shall observe the selected standard of ethics during the Bid process and subsequent to the issue of the Bid and during the subsistence of the Agreement. Notwithstanding anything to the contrary contained herein, or in the Bid, the Authority may reject a Bid, withdraw the Bid terminate the Agreement, as the case may be, without being liable in any manner whatsoever to the Bidder or Contractor, as the case may be, if it determine that the Bidder or Contractor, as the case may be, has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bid Process. In such an event, the Authority shall be entitled to forfeit and appropriate the EMD or Bid Security, as the case may be, as Damages, without prejudice to any other right or remedy that may be available to the Authority under this Bid Document and/or the Agreement, or otherwise.

Without prejudice to the rights of the Authority under Clause hereinabove and the right and remedies which the Authority may have under the Bid or the Agreement, or otherwise if a Bidder or Contractor, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bid Process, or after the issue of the Bid or the execution of the Agreement, such Bidders or Contractors shall not be eligible to participate in any Bids during a period of 2 (two) years from the date such Bidder or Contractor, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be. For the purposes of this clause, the following terms shall have the meaning hereinafter respectively assigned to them:

i) “Corrupt practice” means (a) The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bid Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or

indirectly, any official of the Authority who is or been associated in any manner, directly or indirectly, with the Bid Process or has dealt with matters concerning the Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Bid Process). Or

ii) **Engaging in any** manner whatsoever, whether during the Bid Process after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the Bid of Agreement, who at any time has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project.

iii) **"Fraudulent Practice"** means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bid Process.

iv) **"Coercive Practice"** means impairing or harming or threatening to impair or harm, directly or indirectly, any person or properly to influence any person's participation or action in the Bid Process.

v) **"Undesirable practice"** means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bid Process, or (ii) having a Conflict of Interest, and

vi) **"Restrictive practice"** means forming a cartel or arriving at any understanding or arrangement among Bidder with the objective of restricting or manipulating a full and fair competition in the Bid Process.

13. This bid and the contract emanating there from are subject only to the jurisdiction of the Mumbai Court.

14. Bank reserves to itself the right to disregard or reject any bids not conforming to any of the above-mentioned conditions.

15. The Contractor shall be held responsible for the proper delivery of materials and in the event of any loss, damage, breakage and/or leakage due to insufficient/or improper packing, he shall be liable to replace the material or make good the loss. The decision of Bank or his Authorized Representative of the Bank as to whether the aforesaid loss, damage, breakage or leakage has been caused to the materials for the reason of it not having been sufficiently or

properly packed, shall be final and binding upon the Contractor, provided also that the Bank or his Authorized Representative shall be at liberty, should he consider it fit and proper to do so, to purchase the said material from another, at the risk of the Contractor. Delivery of the material shall not be considered complete until it has been inspected, weighed, counted and passed by the Bank. No material shall be delivered at the depots or stores on Saturdays, Sundays, or Public Holidays, without the previous permission of the concerned Authority.

16. The Contractor shall execute the order strictly as per delivery schedule stipulated in Purchase Order. In order to avoid delay in acceptance of the material or in effecting payment by the Bank, the Contractor shall ensure that the description and/or specifications of the material and quantities thereof in the challans and the invoices are exactly as indicated in the Purchase Order and the rates and taxes are correctly mentioned.
17. Factory inspection will be arranged by the bidder, if the same is required by the Bank for inspection of Transformer.
 - i) The Contractor shall not be liable for any Liquidated Damages for delay or failure to perform the contract for reasons of force majeure such as the acts of God, acts of public enemy, acts of Government, fires, floods, epidemics quarantine restrictions, strikes, freight embargoes and provided that the contractor shall within 15 days from the beginning of such delay notify the Bank, in writing the cause of delay duly substantiated with documentary evidence. Bank or its Authorized Representative shall verify the facts and grant such extension, as it may in their sole discretion decide. Any damages caused by the Contractor or any person acting for them, to the premises or property of the Undertaking in the performance of their contract, shall be made good by the Contractor. In the event of the Contractor failing to make good the damages within the time specified by the Assistant General Manager (Materials) or his Authorized Representative, the latter shall be at liberty to get the work done departmentally or through any other agency, and to recover the cost thereof together with such supervision/overhead charges as they may deem fit out of any money that may be due to the Contractor or by action in a Court of Law.
18. The copy of the contact number, ID card and authorization letter of the auditing person(s) must be intimated to department well in advance for necessary co-ordination. Shut down required if any may be intimated to department in

advance.

19. 90% payment will be made after successful Supply, Installation, Testing and Commissioning of VPI Resin Impregnated, 1.5 MVA Transformer, 11KV/433 Volts, Dry Type, at BANK OF INDIA. Balance 10% amount will be paid after completion of defect liability period of one year.
20. Over writing should be avoided and all corrections should be duly signed.
21. Time is of the essence for the Contract. The work should be completed in 6 weeks. Delay will be penalized suitably 0.5 % per week of delay subject to maximum 5% of the total contract value.
22. The firm shall have to collect the rejected material within two months from the date of intimation of rejection of material. The two months' time period will be from the date on which final decision is conveyed in respect of the rejected material. If the firm fails to collect the material even at the end of second month from the date of rejection intimation, the Bank shall have right to dispose of the material as deemed fit without any further reference in the matter and thereafter, no claims, whatsoever from the suppliers shall be entertained by the Bank.
23. If the Contractor shall, during the period of the contract, die or be adjudicated as insolvent or being a limited company shall be placed in liquidation, whether voluntarily or compulsorily, the contract shall thereupon absolutely cease and the heir's executor, administrators or other legal representatives of the Contractor and in the case of a limited company the liquidator, shall have no interest whatsoever under the contract, except to receive any sum due for materials supplied but not paid for prior to the death or insolvency of the Contractor, in case of a company the date of the winding up thereof and the Security Deposit but subject to the provision herein contained in regard to such deposit. Nothing contained in this clause shall be deemed to prejudice or affect any claim, which the Undertaking may have against such heir's, executors, administrators or other legal representatives of the Contractor or in the case of a company, the liquidator thereof in respect of any antecedent breach of contract. Provided that where the Contractor is a firm, the death of a partner in the firm shall not operate to determine the contract unless by the term of the partnership agreements the partnership stands dissolved on the death of a partner.

24. In the event of any dispute arising under these conditions or in connection with the contract (except as to any matters, the decision of which is specially provided for in these conditions), the same shall be referred to the General Manager of the Bank for final decision by the Bank Official or by the Contractor. The decision of the General Manager or his Authorized Representative shall be final and binding on the parties to the dispute.

Date:

Place:

Applicant's Signature and stamp

Section-5

TECHNICAL SPECIFICATION 11KV/433V, SINGLE RATIO, VPI RESIN IMPREGNATED DRY TYPE (AN) DISTRIBUTION TRANSFORMERS

1. This bid document shall be read and understood as a whole inclusive of all Annexures, Drawings etc. and every section or sub-section of this document shall be incorporated in proper context with other sections contained herein.
2. This specification covers the manufacturer, testing before dispatch and supply of 11KV/433V, single ratio, VPI Resin Impregnated Dry type (AN) distribution transformer.
3. All work covered by this specification shall be carried out in accordance with the 'General Conditions of Contract'.
4. Wherever the directions to the bidders embodied herein conflict with those specified in the General Conditions of Contract, the former shall be binding in preference to the latter.
5. Except as specified herein, all equipment shall comply with the requirements of the latest relevant Indian Standard Specifications (as amended to-date).
6. Where Indian Standard Specification does not exist, the relevant BS or IEC Standard Specification shall be taken as standard.
7. If the equipment offered is manufactured according to some other standard, it shall be clearly stated and a copy of the latest publication of the standard in English shall be submitted with the offer.
8. The whole of the equipment shall comply in every respect with the provisions of relevant Government Legislations and/or Rules and Regulations governing manufacture, installation, operation and maintenance of the equipment.
9. Bidders shall ensure that all safety measures are provided in the equipment against hazards to life and property and that the proper installation and use of the equipment shall not contravene any enactments, rules and by-laws of the Government and the Local Authority.
10. If due to any reason bidders find it necessary to depart from the provisions of any section of the specification such departures shall be clearly stated and underlined giving full reasons.
11. If the departures from the provisions of any section of this specification are not notified in writing it will be presumed that bidders will abide by this specification.
12. Bidders shall give full specifications of the equipment/materials offered and

shall supply technical literature and descriptive particulars together with drawing and illustrations to indicate the type and design of the equipment/material offered.

13. Manufacturers shall give details of the experience in the supply of similar equipment. A list of important customers who have been supplied with similar equipment with details of order executed shall be furnished. Details shall include rating of the equipment, quantity, purchase order reference etc.
14. All the transformers supplied against this Specification shall be guaranteed for a period of 60 months from the date of installation but not later than 66 months from the date of acceptance for satisfactory operation of transformer. However, any engineering error, omission, wrong provisions etc. which do not have any effect on the time period, shall be attended/ rectified by bidder as and when observed/pointed out without any price implication to the entire satisfaction of the Bank.
15. The successful bidder shall make good at his own expense all necessary alteration replacement to prevent any recurrence of such defects on all the equipment/materials supplied by him.
16. All corresponding similar materials and removable parts shall be made to gage and shall be interchangeable with each other.
17. The equipment/materials may be rejected at discretion of the General Manager if the test results are not satisfactory and the permissible tolerances are exceeded.
18. Bidders shall furnish the necessary instruction manual for erection/installation of the equipment/materials and shall also state precautions/provisions if any to be made for proper use afterwards.
19. The maximum symmetrical short circuit level in 11kV system is 250 MVA at the substations. The maximum symmetrical short circuit current shall be 13.2 KA.

Requirement Details:-

1. The transformer shall be VPI Resin Impregnated Dry type suitable for operation on primary voltage of 11000 V and shall be of the ratio 11000/433 Volts, three phase, 50 Hz, double wound, delta / star, core type, enclosed. AN cooled & suitable for indoor use.
2. The transformers shall be suitable for floor mounting and installation and operation inside the substation building or in the basement of a multi-storied building.

3. The sizes and quantities of VPI Resin Impregnated Indoor Dry type transformers with class 'C' or superior insulation, complete with cable boxes and fittings.
4. The transformers shall be provided with the following fittings as per IS-2026 (Part-I)/1977.
 - A. Rating plate vide clause 15 of IS-2026(Part-I)/1977.
 - B. Terminal marking plate.
 - C. Two earthing terminals with copper or aluminum lugs of size 120 sq.mm. at the center Of the bottom channels supporting the transformers.
 - D. Lifting lugs to lift the transformer.
 - E. Bidirectional rollers with locking arrangement.
 - F. HV dividing box.
 - G. LV dividing box.
 - H. Winding temperature indicator.
 - I. Winding temperature relay with interposing relay to give trip impulse to breaker controlling Distribution Transformer.
 - J. Heater along with switch to be provided inside transformer tank.
 - K. Heater along with switch to be provided in marshaling box.
 - L. Simulating test facility shall be provided in marshaling box for testing alarm and trip commands.

Specifications:-

1. The dry type transformer shall be of VPI Resin Impregnated and in accordance with IS- 11171/1985 and IEC-726/1982 for dry type transformer as applicable unless specified otherwise and also in accordance with the following supplementary specification.
2. The transformer shall be designed and suitably insulated for continuous operation at the rated kVA at the secondary terminals, under the prevailing service conditions at the rated voltage, frequency and temperature rise stipulated hereinafter.
3. The manufacturers' attention is drawn to clause 3.2.3 of IS-11171/1985 in regards to the restricted cooling/air circulations available and poor ventilation inside vaults/basement and enclosed rooms where the transformers are required to be installed. The maximum surrounding temperature at these locations is about 55OC.
4. The insulating materials shall be suitably processed such that in effect they act

as Fire retardant.

5. The manufacturer along with offer has to submit type test certificate (including dynamic ability to withstand short circuit test) from NABL Accredited laboratory for the type and design of the transformer offered of same or higher kVA rating with 11KV voltage class, failing which offer may be overlooked.
6. The rated no load voltage ratio shall be as under: HV - 11000 Volts LV - 433/240 Volts, 4 wire supply.
7. The rated frequency shall be 50 Hz.
8. The transformer shall have 4.75% impedance voltage.
9. The HV and LV windings shall be of high conductivity electrolytic copper conductor of best quality and shall be insulated with class 'H' superior insulation. The arrangement of the windings shall be such that there is electrical and magnetic balance under all operating conditions.
10. The manufacturer shall give details of the process of manufacturing VPI resin impregnated transformer. Guaranteed performance details should be filled up completely.
11. The design treatment and construction of transformer and bracing of the winding should be such as to withstand the heavy mechanical and thermal stresses which may be experienced under condition of daily cycle of heating and cooling due to fluctuations in load or dead short circuit on either side of the transformer.
12. The design treatment and construction of transformer and bracing of the winding should be such as to withstand the heavy mechanical and thermal stresses which may be experienced under condition of daily cycle of heating and cooling due to fluctuations in load or dead short circuit on either side of the transformer.
13. The primary winding of the transformer shall be suitable for highest system voltage of 12 kV and shall withstand power frequency test voltage as per table 5 of IS-11171/1985. The power frequency test voltage for the secondary winding shall be 3 kV RMS. The Bidder shall clearly state in this bid the value of the power frequency test voltage for which the primary and secondary windings of the transformers are designed.
14. The inter-turns and end-turns of the HV and LV windings shall be insulated for protection against surges and transients.
15. The insulation shall be of class 'H' or superior type insulating material conforming to IS- 1271/1985 amended till date.
16. The temperature rise of the transformer above the cooling air temperature when

tested at rated current and rated voltage shall not exceed the limit indicated in Table-4 of IS-11171-1985. The test shall be conducted as per clause no. 17.2.3 of IS-11171-1985.

17. The value of the flux density shall be so chosen that:

- a) The noise is reduced.
- b) The flux density shall not exceed 1.5 tesla.

18. The core shall have inter-leaved yokes which shall be well clamped to eliminate humming as far as possible when the transformer is in service.

19. The construction of core assembly shall be boltless in order to avoid generation of hot spots as well as to reduce noise level. The core shall be constructed from cold rolled, thin non-ageing low loss silicon steel laminations of CRGO sheets with M4/M-OH/laser scribed HI-B or better grade and using 45o mitered step-lap core joints for reducing the iron loss to the minimum possible extent and treated with insulating material on both sides of each lamination. The insulating material shall be non-hygroscopic so that there is no possibility of moisture being absorbed by it due to varying annual and daily temperature cycle resulting in breathing of the transformer in a humid atmosphere. The manufacturer shall ensure uniform quality of laminations free from any manufacturing defects they shall be clamped securely and provided with firm and enduring interlocking so as to minimize the possibility of loosening of laminations during service. All such fixtures shall be well insulated with good quality materials from the core and nearby parts of the windings/connections etc. and shall not affect the magnetic performance of the core adversely. The core limbs shall be provided with a semi-conducting taping to give clamping.

20. The core shall be provided with suitable lifting lugs to enable the complete core and coil assembly to be lifted for transportation. The lifting lugs shall be so positioned that there shall be no obstacles while lifting the core and coil assembly.

21. The core material shall be directly procured either from the manufacturer or through their associated marketing organization of repute and not through any agent. The manufacturer shall preferably have in-house core cutting facility. The core shall be preferably cut in manufacturer's works.

22. The bi-directional rollers of mild steel shall enable the transformer to roll in the plane at right angles to the vertical plane containing the centre lines of HV and LV cable boxes. The rollers shall be of 200 mm diameter and 85 mm in width.

- The center to center distance between the rollers along the length and width of transformer shall be 900 mm. Also, the clearance between the roller fixing channel and the top surface of the roller shall be minimum 60 mm.
23. The primary and secondary terminals shall be brought out on opposite sides of the transformer for connection to 3 core x 150 sq.mm. Copper conductor XLPE cable.
 24. The primary and secondary terminals shall be provided with suitable crimping lugs.
 25. The minimum height of the cable gland from ground level shall be 500 mm.
 26. The high and low voltage phase terminals shall be marked with colours red, yellow and blue, the neutral point material being indicated by letter 'n'.
 27. On H.V. side of transformer a cable box made of Cast Iron / M.S. sheet shall be provided. The cable box shall be suitable for both Epoxy / Heat Shrinkable type termination, so as terminate 3C x 50 sq.mm. Copper conductor XLPE cable (11 KV).
 28. Long barrel type copper lugs with two holes as per drawing no. ES/PL/A-445, shall be provided for terminating 3C x 150 sq.mm (11 KV). Copper conductor, XLPE cables.
 29. L.V. busbars shall be supported using epoxy insulators from the top side inside the L.V. dividing box.
 30. Height of the centre line of HV/LV terminals from the surface of the foundation shall be 1.5 mtrs. \pm 5% tolerance.
 31. Enclosure for indoor type transformer shall be constructed using suitable weld mesh with robust support structure. The weld mesh panels shall be bolted to the frame. The enclosure shall be finished both internally and externally with weather resistant paint.
 32. The paint colour shall be grey shade as per IS-5.
 33. Suitable lifting lugs must be provided to enable the transformer to be lifted by means of cranes using slings.
 34. Maximum length and width shall be 2000 mm x 2000 mm.
 35. The transformers are intended to be installed in basement where carriage way to the substation is very narrow. Hence the transport dimensions of transformer which shall be measured from HV busbar tip to LV busbar tip after removing HV and LV cable boxes shall 1.2 mtrs. for 1500 kVA transformer. The offer shall be accompanied with a drawing illustrating how the transport

dimensions are achieved. However, smaller dimensions will be preferred.

36. The transformer should operate with minimum vibration and humming noise.

A. The manufacturer is required to submit the guaranteed technical particulars. The transformers shall be as per our requirement regarding the essential parameters listed below. If there is any deviation from our requirement or if the bidders do not furnish following parameters, no further correspondence will be made after opening of the bid and the offer will be liable to be overlooked. The vector group shall be Dyn11)

B. Max. temp. rise shall be as per test procedure mentioned

C. Maximum Full load losses at 75O C (without IS tolerance)

D. Maximum No load losses at rated voltage (without IS tolerance)

E. Maximum Total losses (without IS tolerance)

F. Impedance voltage at the rated current shall be 4.75% with IS tolerance at 11Kv

G. The core shall be constructed with low loss Silicon Steel laminations of CRGO type

H. Insulation shall be of class 'C' or superior type insulating material conforming to IS- 1271/1985 amended till date.

I. For 1500 kVA Transformer shall be less than or equal to 2.0 mtrs. x 2.0 mtrs. Overall the overall height shall be 2.5 mtrs.

38. The dimensions measured from HV bushing tip to LV bushing tip after removing HV and LV cable boxes for 1500 kVA transformer the length and width shall be less than or equal to 2.0 mtrs and 1.4 mtrs respectively, after removing the detachable parts. This height shall be 1.5 mtrs. ($\pm 5\%$)

39. The bidders shall submit in quadruplicate the following drawings along with the quotations on A3 size paper:

a) Dimensional drawings of the transformers offered.

b) Diagram of connections.

c) Dimensional drawings showing the HV and LV cable boxes offered.

d) Details drawings of HV/LV busbars / insulators.

e) Drawing illustrating how transport dimensions are achieved.

40. The drawings shall be to scale and fully detailed. All important dimensions shall be given and materials of each component shall be indicated.

TESTING AND INSPECTION

1. The transformers shall be subjected to the following tests free of cost at the manufacturer:
 - I) **Routine Tests :**
 1. Measurement of winding resistance.
 2. Ratio, Polarity and phase relationship.
 3. Measurement of impedance voltage.
 4. Load Losses (for measurement of the load losses of transformer testing leads shall be connected to the HV and LV end of the busbars). The frequency correction factor shall be applied to the stray losses component calculated.
 5. No-load losses and no-load current:- While carrying out the No load losses, the ratio $V_{\text{rated}} : f_{\text{rated}}$ shall be maintained by adjusting V_{test} according to f_{test} . ($V_{\text{rated}} = \text{Rated voltage}$, $V_{\text{test}} = \text{Test voltage}$, $f_{\text{rated}} = \text{Rated frequency}$, $f_{\text{test}} = \text{Test frequency}$). (The frequency correction factor shall be applied to the measured No load losses).
 6. Insulation resistance.
 7. Induced over voltage withstand.
 8. Separate source voltage withstands.
 - II) Stray losses at rated frequency
 - III) Actual No load losses at rated frequency
2. **Type Tests:** Type tests as per the IS:2026/1977, IS-11171/1985 and IEC-726/1982 shall be carried out in the presence of the representatives of the Bank on prototype transformer of 1500 KVA rating at the Manufacturer's works. The temperature rise test shall be carried out as per IEC-726/1982 or as per IS-11171/1985.
3. **Magnetic Balance Test:** Magnetic balance test shall be carried out by applying 3-phase, 433V supply from (i) H.V side and (ii) L.V. side. The magnetic balance test shall be carried out on transformer and the readings must be submitted as per the format. These results are required for recording in our transformer

history card as bench mark. A specific commitment should be given by the bidders in the offer for giving the data.

4. The tolerance on the above performance test values shall be as specified in IS-2026/1977.
5. The bidder shall supply three certified copies of the test certificates in respect of each test carried out on the transformer.
6. The test certificates shall give the actual measurements and also the derived values for -
 - a. Losses
 - b. Impedance Voltage
 - c. Efficiency at 50%, 75% and full load at unity and 0.8 p.f. lagging at 75OC.
 - d. Regulation at unity and 0.8 p.f. lagging.
7. In addition to the tests specified above, the Bank reserves the right to have any reasonable tests carried out at the manufacturer's works or at site.
8. The transformers along with the enclosure shall be offered for inspection and witnessing the test referred above by our representative at the manufacturer's works before dispatch.

DATA SHEET OF 1500 KVA TRANSFORMER :-

Sr. No.	Description	1500 kVA
1	Manufacturer's Name and place of Manufacture.	
2	Brand Name(Make :- Crompton Greeves, Kriloskar, ABB, Voltamp)	
3	Type – Indoor	
4	Standard to which the transformers are manufactured.	
5	Local Representative Details	
6	Have you carried out Type Test on the Transformer?	Yes/ No
7	Have you uploaded the Type Test Certificate?	Yes/ No
8	Number of phases	
9	Frequency	
10	Rated kVA, Output (CMR) corresponding to average temperature rise of winding under service conditions stipulated in IS-2026 /1977	
11	Voltage between phases (H.V. side) volts	
12	Voltage between phases (L.V. side) volts	
	a) At No load	
	b) Full load at Unity P.F.	
	c) At full load 0.8 P.F. (lagging)	
13	Section of busbars in mm x mm	
	a) H.V. side	
	b) L.V. side	
14	Connections --	
	a) On H.V. side	
	b) On L.V. side	
15	Vector group and symbol	
16	Insulation test voltage (power frequency)	
	a) H.V. winding – KV r.m.s	
	b) L.V. winding – KV r.m.s	
17	Class and impregnation of insulation	
	Method of cooling	
18	Maximum temperature rise at rated kVA output	
19	Maximum temperature rise at rated voltage and rated current continuously for 8 hours.	
20	Resistance voltage drop at 75o C - %	

21	Regulation -	
	a) At Unity P.F. at 75o C - %	
	b) At 0.8 P.F. at 75o C - %	
22	Reactance drop - %	
23	Exciting current (HV) and Power factor -	
	a) At rated voltage and frequency – Amps	
	b) At 110% rated voltage and frequency – Amps	
24	Impedance voltage at rated load and normal tap at 75 oC - %	
25	Maximum induction in c.g.s lines per sq.mm. for cold rolled steel lamination	
	a) At rated voltage and frequency (i) Core (ii) Yoke	
	b) At 110% rated voltage and frequency (i) Core (ii) Yoke	
26	Type of core material	
27	Core Grade	
28	Type of windings –	
	a) H.V. side	
	b) L.V. side	
29	Shape (round or rectangular) and section of copper used in –	
	a) H.V. winding sq.mm.	
	b) L.V. winding sq.mm.	
30	Maximum working current density in windings at rated output –	
	a) H.V. winding amps per sq.mm.	
	b) L.V. winding amps per sq.mm.	
31	Particulars of insulation for –	
	a) Coil	
	b) Inter-turns	
	c) End turns	
32	Minimum clearance to earth –	
	a) Of primary windings – mm	
	b) Of secondary windings – mm	
33	Guaranteed efficiency at standard reference temperature of 75oC	
	a) On 100% load at U.P.F. - %	

	b) On 75% load at U.P.F. - %	
	c) On 50% load at U.P.F. - %	
	d) On 100% load at 0.8 P.F. (Lagging) - %	
	e) On 75% load at 0.8 P.F. (Lagging) - %	
	f) On 50% load at 0.8 P.F. (Lagging) - %	
34	Weights – Kg.	
	a) Core – Kg.	
	b) Windings – Kg.	
	c) Core, coils insulation (weight to lift for inspection) – Kg.	
35	Height of the centre line of terminals from the surface of the foundation – Mtrs.	
36	Clearance between additional Neutral bushing and dividing box.	
37	Inspection cover on top plate of L.V. side shall be provided.	Yes/ No
38	The shade of paint colour for Enclosure shall be given as per Bank Specification	Yes/ No
39	Rollers	
	a) Material	
	b) Diameter	
	c) Width	
	d) C/C distance between the rollers	
	e) Clearance between the roller fixing channel and top surface of roller	
40	Marking and relative position of HV / LV busbars	
41	Terminal marking plate and rating plate shall be engraved metal plate	

Forms/Annexure

Annexure-I

AFFIDAVIT

(To be submitted by Bidder on Letter Head of the Company/Firm. On completion of Bid and selection of H1 Bidder, the H1 bidder has to submit this undertaking on a non-judicial stamp paper of Rs.500/-)

Affidavit of Mr.

.....S/o.....
R/o.....

I, the Deponent above named do hereby solemnly affirms and declare as under:

1. That I am the Proprietor/Authorized signatory of M/s.
.....Having its Head Office/Regd. Office at
.....

2. That the information/documents/Experience certificates submitted by M/s.....
along with the application for (Name of work)... To
BANK OF INDIA are genuine, true and nothing has been concealed.

3. I shall have no objection in case BANK OF INDIA verifies them from issuing
authorities. I shall also have no objection in providing the original copy of the
document(s), in case BANK OF INDIA demand so for verification.

4. I hereby confirms that in case, any document, information & / or certificate submitted
by me found to be incorrect / false / fabricated, BANK OF INDIA at its discretion may
disqualify / reject / terminate the bid/contract / All dues.

I,, the Proprietor / Authorised signatory of M/s.....do
hereby confirms that the contents of the above Affidavit are true to my knowledge and
nothing has been concealed there from and that no part of it is false.

Verified atthis.....day of

DEPONENT

ATTESTED BY (NOTARY PUBLIC)

ACCEPTANCE OF BID CONDITIONS

From: (On the letter head of the company by the authorized officer having power of attorney)

To

BANK OF INDIA LTD,

Sub: Name of the

Work :- Sir,

1 This has reference to above referred Bid. I/We are pleased to submit our bid for the above work and I/We hereby unconditionally accept the bid conditions and bid documents in its entirety for the above work.

2 I/we are eligible to submit the bid for the subject tender and I/We are in possession of all the documents required.

3 I/We have viewed and read the terms and conditions of BANK OF INDIA carefully. I/We have downloaded the following documents forming part of the bid document:

- a) Notice Inviting bid
- b) Instructions to Firm
- c) Scope of work
- d) Annexure-I to Annexure-IX
- f) Corrigendum / Addendum / Other documents, if any.

4. I/we have submitted the mandatory documents such as Completion Certificate and other documents as required as per Notice Inviting Bid.

Yours faithfully,

(Signature of the bidder)With rubber stamp

Dated _____

GENERAL INFORMATION

1.	Name of Applicant / Company	
2.	Address for correspondence	
3.	Official e-mail for communication	
4.	Contact Person: Telephone Nos. Fax Nos. Mobile	
5.	Type of Organisation: a) An individual b) A proprietary firms c) A firms in partnership (Attach copy of Partnership) d) A Limited Company (Attach copy of Article of Association) e) Limited Liability partnership (LLP) e) Any other (mention the type)	
6.	Place and Year of Incorporation	
7.	Details of Registration of Proprietor / Partners/ Directors with various Institutions	
8.	Name of Directors / Partners in the organization and their status along with their qualifications	
9.	Name(s) of the persons along with their qualification and designation, who is authorized to deal with BANK OF INDIA LTD (Attach copy of Power of Attorney)	
10.	Organisation Chart of Key Personnel	
11.	Details of Awards / Appreciations supported with document to be submitted	

12.	Bank Details	
	Name of the Bank : Account Number : IFS Code : Name & Address of the Branch: MICR Code: Email id of the Bank : GST No.	

Signature of Bidder with Seal

Annexure -IV

Organization setup of the company (Details to be furnished in the following format)

S.No.	Name	Designation	Qualification	Professional Experience and details of work carried out	Years with firms	Remarks

Signature of Bidder with Seal

Annexure -V

Bidder for : _____

**DETAILS OF EXPERIENCE CERTIFICATES FOR THE WORK
EXECUTED**

DURING LAST 05 YEARS

S.N o.	Name of work and its location	Nam e of Clien t	Date and No. of Completi on Certificate	Dat e of Star t	Date of Completion	Cost of the Contract on completi on	Value of TDS in case of Private Work	Reference and Page No. of Documentary Proof of the detail missing in completion certificate
1								
2								
3								
4								
5								
6								

1. Certified that the Completion Certificates of above works are enclosed with the application Documents.
2. Details mentioned in the above Form are as per Completion Certificates and have not been presumed.

If any detail is not mentioned in the Work Completion Certificate, documentary proof of detail is to be submitted and uploaded on Bud Website along with the Completion Certificate

Signature of Bidder with Sealed

Annexure -VI

DETAILS OF WORK IN HAND

S.No	Name of work and its location	Name of Client	Date of Start of Contract	Date of Completion of Contract	Time period of the contract	Estimate Cost of the Work	Value of TDS in case of Private Work, if any	Remark
1								
2								
3								
4								
5								
6								

Signature of Bidder with Seal

Annexure -VII

Bid for _____

DETAILS OF SIMILAR WORKS EXECUTED DURING LAST 05 YEARS

S.N o.	Name of work and its location	Name of Clients	Estimated value of works	Actual Date of Start	Actual date of comple tion	Period of Contract	Reasons for the variation / delay , if any
1							
2							
3							
4							
5							
6							

If any detail is not mentioned in the Work Completion Certificate, documentary proof of detail is to be submitted.

Signature of Bidder with Seal

Annexure -VIII

Name of Bidder

TURN OVER FOR LAST THREE YEARS

(Details to be filled online)

1. Financial Analysis : This certificate is to be submitted in original along with the Bid Documents

		1 st FY Rs.(In Lacs)	2 nd FY Rs.(In Lacs)	3 rd FY (ending 31 st March 31,2023) Rs.(In lacs)	Average Annual Turnover Rs.(In lacs)
		A	B	C	(a+b+c)/3
(i)	Annual Turnover for the Financial Year (FY)				

- II. CA certificate towards average annual turnover & Profit & loss statement of previous three Financial Years is to be enclosed.

AGREEMENT

This Agreement made on this ____ (date) day of ----- (Month)----- (Year), between BANK OF INDIA, having its Registered Office at BANK OF INDIA, Star House 1, Bandra Kurla Complex, Bandra (E), Mumbai-400051 (hereinafter referred to as the "BANK OF INDIA" which expression shall include its administrators, successors, executors and assigns) of the one part

AND

M/s (Name) and
..... (address) of Contractor
(hereinafter referred as "Contractor") of the SECOND PART which expression shall unless repugnant to the context and meaning thereof includes its successors and permitted assigns) of the SECOND PART.

AND WHEREAS

- A. BANK OF INDIA is desirous of availing the services for (Name of work)..... hereinafter referred to as "(The work)" at its Registered Office at BANK OF INDIA , Star House 1, Bandra Kurla Complex, Bandra (E), Mumbai-400051 (hereinafter referred to as "Bank") at a total cost of Rs.....
- B. The Contractor has represented that the Contractor is sufficiently equipped to carry out and possesses extensive experience in the field of (.....Name of work) in accordance with the terms and conditions prescribed in this regard;
- C. In response to an invitation of NIT/Bid No. dated issued by Bank for (Name of Work)....., the Contractor submitted his/their offer dated... and whereas Bank relying upon the representation of the Contractor has accepted the offer of the Contractor on the terms and conditions specified in the Letter of Intent No./Award Letter/Work Order No. dated read with the reference cited therein and also the terms and conditions laid down in the NIT issued/ published in the newspapers and mentioned in Bank's website www.bankofindia.in
- D. The bid documents including the notice letter, inviting bid, instruction to Bidder, General Conditions of Contract, Special Conditions of Contract,

corrigendum/addendum if any, Bill of Quantities (BOQ)/Price schedules, General obligation, Specifications, Time schedule of completion of jobs, Acceptance of Letter of Intent/Award letter/Work order and any statement of agreed variations, if any, shall be read as "Mutatis Mutandis" and form part of this Contract though separately set out herein and are included in the expression " the Contract" wherever herein used.

NOW THEREFORE, THIS AGREEMENT WITNESSETH AS FOLLOWS :

1. This Agreement shall come into force with effect from..and shall remain in force till
2. That the Contractor shall carry out/ execute the work of (...name of work...) more particularly described in the Bid specifications of NIT-(....name of work...) read with 'Scope of Work', special/general terms and conditions as per the bid, various declarations submitted as part of bid by the Contractor which form a part of the Contract.
3. That in consideration of payments to be made to the Contractor by Bank in accordance with LOI /Work order dated given by Bank prior to this agreement, the Contractor hereby covenants and undertakes with Bank that the Contractor shall execute and carry out the work in conformity, in all respects with the terms and conditions specified in this Agreement and the documents submitted by him, governing the same.
4. That the Contractor had already carefully examined the workload specified in the bid document, this Agreement and the documents submitted/governing the same and also to have satisfied himself as to the nature and character of work to be executed buy him.
5. That the Contractor shall carry out the services of the said work to the complete satisfaction of the officer nominated by Bank for this purpose.
6. That it is hereby agreed by and between the parties that non-exercise, forbearance or omission of any of the powers conferred on Bank and/ or any of its authorities will not in any manner constitute waiver of the conditions hereto contained in these presents and the liability of the Contractor with respect to compensation payable to Bank or Contractor's obligations shall remain unaffected.
7. The Contractor shall duly comply in all respects, with the provisions of all statues, rules and regulations applicable to it and/or its employees including but not limited to the Minimum Wages Act, Employees Provident Fund and

Miscellaneous Provisions Act, Employees State Insurance Act, Payment of Bonus Act, Contract Labour (Regulation & Abolition) Act or other statutory rules, regulations, byelaws as applicable or which become applicable in future.

8. That the payments made to the Contractor's employees or otherwise, under statutory obligations, on behalf of the Contractor, shall be liable to be adjusted /recoverable from the payments accrued to the Contractor.
9. That all documents signed/submitted/agreed upon by the Contractor specified in the 'Scope of Work', special/general terms and conditions as per the Bid, various declarations submitted as part of the bid, will form part of this Contract.
10. That the Contractor shall pay to the workers deployed by him at Bank as proposed in the offer referred above.
11. The Contractor shall at all times be solely responsible and/or liable to issue and maintain adequate insurance for the life and safety of its employees and shall ensure that the said insurance policies do not lapse.
12. The Contractor shall not, except with the prior written consent of BANK OF INDIA, communicate to any person, or entity any confidential information acquired in the course of performing the terms of this Agreement.
13. The Contractor shall indemnify and keep indemnified Bank against all claims, loss, demands, suits and proceedings whatsoever that may be brought or made against BANK OF INDIA by or behalf of any person, body, authority, whomsoever and all penalties, levies, taxes, losses, damages, costs, charges and expenses and all other liabilities of whatever nature which Bank may now hereafter be liable to pay or sustain by virtue of or as a result of the performance or non- performance by the Contractor of any of the terms and conditions of this Agreement or applicable laws.
14. The Contractor hereby agrees that it shall not assign or transfer or sub-contract this Agreement or part thereof to any third party under any circumstances.
15. Notwithstanding anything contained herein above, BANK OF INDIA shall have the right to terminate this Agreement at any time during its currency by giving one month's notice to the Contractor without assigning any reason and BANK OF INDIA shall be entitled to recover any money becoming due under this Agreement from the Contractor.
16. Any dispute or difference of any nature whatsoever regarding any right, liability, act, omission of either of parties hereto arising out of or in relation to this agreement or any matter incidental thereto shall be referred to the arbitration of a single arbitration as per the provisions of the Arbitration & Conciliation Act,

1996. The Arbitrator shall be appointed by the BANK OF INDIA and the parties shall bear the costs of such arbitration in equal shares. Such arbitration shall be held at Mumbai and the courts at Mumbai alone shall have the jurisdiction to deal with the arbitration proceedings and the awards in accordance with law and language shall be English.

In witness hereof, the parties hereto have respectively set their signatures in the presence of:

Signed by:

Signed by (On behalf on Bank):

WITNESS:

1.

2.

WITNESS:

1.

2.

Head Office, Premises Department
 Star House, C-5, 'G' Block, Ground Floor,
 Bandra-Kurla Complex, Bandra (East), Mumbai – 400 051.
 Phone No 022-61317524/61317525

FINANCIAL BID

SN	PARTICULARS	Unit	Quantity	Amount (Rs.)
<u>A.</u>	Supply of 1500 KVA, 11/0.433 KV, 50Hz, 3 Phases, AN, Copper Wound, Indoor Type, Dyn 11, Class-H, With Off Load Tap Links, VPI, Dry Type transformer. (Make :- Crompton Greeves, Kirloskar, ABB, Voltamp)	Nos	02	
<u>B</u>	Supply of 11KV 3c x 150 Sq.mm HT XLPE cable Polycab make	Mtr	50	
<u>C</u>	SITC of cable end termination of above cable with RPG/ Ekwana or make heat shrinkable jointing kit & expert jointer	Nos	2	
<u>D</u>	Buy Back rate of Existing 1.5 MVA Transformer (Make :- Crompton Greeves)	Nos	2	
<u>E</u>	Total Lowest Rate (A+B+C-D)			
(In words (E) _____)				
	Rental Charges for 1000 KVA DG set per day. (Provisional)	Lump sum	1	

1. GST will be paid extra at actual.
2. All the rates quoted against each category must include loading, unloading, transportation, shifting from the basement & dismantling of existing transformer in all respect.
3. 90 % payment will be made after successful Supply, Installation, Testing and Commissioning of 1.5 MVA Transformer , 11KV/433 Volts, Dry Type , AN at BANK OF INDIA . Balance 10% amount will be paid after completion of defect liability period of one year & submission of PBG.
4. Warranty of the Transformer is 5 years.
5. Bidders/ Contractors are requested to kindly visit the site before quoting the rate.
6. L1 will be evaluated on the basis of "E"

Signature of Bidder with Seal