



Cement Corporation of India Limited

Bokajan Cement Factory-782 490

Dist. Karbi Anglong, Assam

Phone 03675-246106/246108, Fax No. 03675-246107

E-mail: bokajancements@gmail.com

[Website:www.ccilttd.in](http://www.ccilttd.in)

NOTICE INVITING E-TENDER (NIT)

(Only through E-Procurement)

1. Online electronic bids through Electronic Tendering System (ETS) are invited from supplier having adequate experience for Repairing/rewinding of 33/11KV, 1MVA Power Transformer at Mines. The complete set of tender documents is available on websites www.ccilttd.in and www.etenders.gov.in system.

E- Tender No.	BKJ/ELECT/12(A)/24-25/R
Mode of tender	E-procurement System (Online Part-I Techno-Commercial Bid and Part-II Price Bid through www.etenders.gov.in) of CPPportal.
➤ Date of NIT available to parties to download:	18.07.2024 AT 09:00 AM.
➤ Earnest Money Deposit:	Rs. 11,040/-
➤ Date of starting of e-tender for submission of online Techno-Commercial Bid and Price Bid at www.etenders.gov.in	From 18.07.2024 Till 23.07.2024 (03:00 PM)
➤ Date & Time of opening of Part-A (i.e. Techno-Commercial Bid)	24.07.2024 at 03:05 PM
➤ Date & Time of opening of Part-B (i.e. Price Bid):	Shall be informed separately
➤ Validity of Bids:	120 Days from the date of the techno-commercial bid opening.

Offer is invited for the supply of following material on FIRM & FOR destination basis i.e. Bokajan Cement Factory, Dist: Karbi Anglong, Assam, Pin-782490 as per details given below:

Tender Enquiry No.	Name of the Item	Qty.
BKJ/ELECT/12(A)/24-25/R	Repairing/rewinding of 33/11KV, 1MVA Power Transformer at Mines.	01 No.

1. Only those tenders will be considered who fulfill the pre-qualification conditions mentioned in the tender documents.
2. The price-bid should be submitted only as per CCI's Price-Bid format otherwise the tender is liable for rejection.

HOD(E&I)

LIST OF ANNEXURES

	Part-I - Instruction to tenderers
	Part-II General terms & conditions
Annexure-I	Covering letter
Annexure-III	Declaration that the officer of the Corporation are related to us/me
Annexure-IV	Unexecuted/ Present Contracts/Jobs in hand
Annexure-V	Additional information
Annexure-VI	Details of plant and machinery installed
Annexure-VII	Details of testing facility installed
Annexure-VIII	Details of orders executed including CCI during last three years
Annexure-IX	Declaration letter
Annexure-X	Part-III – Special Terms and Conditions
Annexure-XI	Part-IV- Technical Specification
Annexure-XII	Price Bid Performa

Note: - Part-I – Instruction to tenderers, Part-II General terms & conditions, all formats and submit the same along with Annexure-9 which is available in CCI web site www.ccilttd.in must be submitted by tenderer duly filled & signed.



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Important instructions for E-Procurement

This is an E-Procurement event of CEMENT CORPORATION OF INDIA. The e-procurement service provider is Antares Systems Ltd., No.24, 1st Floor, Sudha Complex, 3rd Stage, 4th Block, Basaveshwara Nagar, and Bangalore 560079.

You are requested to read the terms & conditions of this tender before submitting your online tender. Tenderers who do not comply with the conditions with documentary proof (wherever required) will not qualify in the Tender for opening of price bid.

1	<p>Process of E-tender :</p> <p>Registration:</p> <p>The process involves vendor's registration with tender wizard e-procurement portal. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. NIC-CPPP is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).</p> <p>SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.etenders.gov.in .</p> <p>1).Vendors are required to register themselves online with www.etenders.gov.in Register as Vendor Filling up details and creating own user id and password→ Submit.</p> <p>2).Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.</p> <p>In case of any clarification, please contact CCI/NIC-CPPP portal, (before the scheduled time of the e- tender).</p> <p>Contact person (Cement Corporation of India):</p> <ol style="list-style-type: none">1. HOD (MM) CCI, Bokajan Cement Factory, Bokajan, Dist: Karbi Anglong Assam-782490 Contact No.: 7086653319, 8897856954 E-mail : bokajanmm01@gmail.com2. HOD (E&I) CCI, Bokajan Cement Factory, Bokajan, Dist: Karbi Anglong Assam-782490, M: 8287932783. E.mail:bkjelectrical@gmail.com <p>A) Help Desk (NIC-CPPP): (E-commerce): For any technical related issue please call (24 X 7) ➤ 0120- 4001002 / 005</p>
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	<p>➤ 0120 – 6277787</p> <p>B) System Requirement: Windows 8, 10 Professional Operating System, Internet Browser-9, 10 &11 Signing type Class 3 digital signature Java JRE 6 and above.</p> <p>THE VENDORS ARE ADVISED TO GO THROUGH THE <u>Help Manual</u> LINK AT etenders.gov.in/eprocure/app FOR GENERAL GUIDANCE ABOUT TENDER PROCESS.</p>
	<p>(A) Part I Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can witness electronic opening of bid.</p> <p>(B) Part II Price bid will be opened electronically of only those bidder(s) whose Part I Techno-Commercial Bid is found to be Techno-Commercially acceptable by CCI. Such bidder(s) will be intimated date of opening of Part II Price bid, through valid email confirmed by them.</p> <p>Note: The tenderers are advised to offer their best possible rates. There would generally be no negotiations hence please submit your most competitive prices while submitting the price bid. However, in case the lowest rate appears to be reasonable taking into account the prevailing market conditions, the order may be awarded to the lowest bidder and if the rate is still considered high, action as per prevailing instruction/guideline shall be taken.</p>
3	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
4	<p>In case of failure to access the payment towards cost of tender document & EMD for any reason, the vender, in term, will not have the access to on line e-tender and no correspondence in this respect will be entertained and CCI will not be responsible for any such lapses on this account. Bidder(s) are advised to make remittance of tender fee and EMD through Online well in advance and verify completion of transaction in respect of tender fee and EMD.</p> <p>Vendors are instructed to upload documents in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.</p> <p>Once documents are uploaded in the library, vendors can attach documents through <i>Attach Document</i> link against the particular tender. For further assistance please follow instructions of Vendor Help Manual.</p>
5	All notices and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by CCI. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the stage of registration of vendor with Tender wizard (i.e. Service Provider). Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).
6	The responsibility of downloading the related corrigenda, if any, will be that of the responsibilities of the parties.
7	E-tender cannot be accessed after the due date and time mentioned in NIT.
8	<p>Bidding in e-tender & Reverse auction:</p> <ol style="list-style-type: none"> Bidder(s) need to submit necessary EMD and Tender fees (If ANY) to be eligible to bid online in the e-tender. Tender fees are non-refundable. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by CCI. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid is explained in Help Manual. <ol style="list-style-type: none"> In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.

	<p>d) All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter SUPPLIER.</p> <p>e) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.</p> <p>f) No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.</p> <p>g) Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.</p>
09	Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.
10	No deviation to the technical and commercial terms & conditions are allowed.
11	After submitting online bid, the bidder cannot access the tender, once it has been submitted with digital signature.
12	CCI has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.
13	The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website etenders.gov.in/eprocure/app of NIC-CPPP.
14	The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.
15	The bid will be evaluated based on the filled-in technical & commercial formats.
16	The documents uploaded by bidder(s) will be scrutinized. In case any of the information furnished by the bidder is found to be false during scrutiny, EMD of defaulting bidder(s) will be forfeited. Punitive action including suspension and banning of business can also be taken against defaulting bidders.
17	Bidders are requested to read the vendor Help Manual in the home page etenders.gov.in/eprocure/app to familiarize themselves with the system before bidding.



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PART-III : SPECIAL TERMS AND CONDITIONS

In addition to the General terms and conditions of the tender under Part-I & II, the following special terms & conditions will also apply to the contract, for supply of above categories of materials. These special terms and conditions if contradictory to any conditions given in Part-I and II, shall prevail upon the conditions given therein.

1.0 GENERAL TERMS & CONDITIONS:

- 1) The tenderer should quote the item rates in accordance with items mentioned in the PRICE BID format.
- 2) The transformer shall be repaired at the repairer's workshop only. The repairers should give the detailed address of their factory / workshop where the transformer will be repaired. The failed transformer will be transported to the repairer's factory / workshop and transported back after repairs from the factory by the repairer and repairer will have to arrange loading, unloading of transformer at their works. The repairer will have to make Insurance of the transformer during transportation at their own cost.
- 3) The repair work, generally involves replacement/re insulation of H.V./L.V. coils, gaskets, breathers, bushings, terminal bolts and other worn out parts wherever necessary and reassembly, filtering, etc. The replacement parts should be of original, genuine or reputed standard makes of best quality & workmanship and confirmed to relevant I.S. Standard. subject to the approval of the Company's officer deputed for this work. It is presumed that tenderer has got qualified & experienced staff to carry out the repair work. The repair work shall be in conformity with relevant Indian Standard Specification and clear certificate to that effect should be furnished on completion of the repair work.
- 4) The repaired transformer shall be subjected to routine tests as per IS-2026/1977 for repaired transformers and the testing arrangements will have to be made by the repairer and the repairer should have all testing equipment's / facilities. All the tests shall be carried out in the presence of the CCI's representative, nominated by CCI Bokajan. A certificate of all tests carried out on the repaired transformer jointly signed by the repairer and CCI's representative shall be submitted. The repaired transformer will be dispatched only after CCI's representative certifies the tests to the satisfaction on the test certificates. The repairer shall give an advance intimation of seven days to CCI before the repaired transformer is ready for inspection and testing, failing which the repairer shall be responsible for delay in delivery.
- 5) While attending repairs of the transformer, the repairer shall ensure that the guaranteed technical particulars & performance as the original maintained for repaired transformer. Under no circumstances the values of percentages impedance, losses and efficiency should be altered from original values. If any extra items of repairs are required to be carried such works shall be carried by you only after separate work order is placed on you by CCI after getting quotation from you.

- 6) The transformer oil will normally be supplied by CCI and same should be used for filling in the tank of repaired transformer. In case if required, the tenderer will have to supply the transformer oil of EHV grade and the cost of the same will be refunded to you.
- 7) On completion of repairs and tests, before delivery the repairer shall affix, free of cost, just below the manufacturer's name plate on the transformer, a suitable metallic name plate with following details punched on it : Repaired by _____ (Name of the repairer)
Tested and delivered on _____ (Date) Test Results :
- 1) Megger values : H.T. to Earth. ----- L.T. to Earth. ----- H.T. to L.T. -----
- 2) Oil Test: a) Dielectric strength of oil. b) Acidity test of oil.
- 8) Before lifting the transformer, tenderer will have to arrange for insurance of the power transformer for all risks such as the fire, theft, damage or riots, etc. The insurance charges are to be borne by the repairer covering the cost of the transformer. The insurance should be in the name of Cement Corporation of India Ltd. Bokajan.
- 9) The rates should be inclusive of all taxes, etc. where applicable, and shall be on firm quotation basis and shall be valid till the allotted work of repairing of transformers is completed.
- 10) If the transformer fails during guarantee period after repairs, then the tenderer / repairer will have to transport the transformer from site to his work and back at his own cost and risk. If, however, the transportation is done by the Company, the charges of the same will be recovered from the tenderer / repairer.
- 11) The contractor shall be responsible for any damage caused to the machine parts while carrying out repairing. Any damage caused by the contractor is to be attended / repaired/ replaced by the party free of cost otherwise necessary amount will be deducted from the bill.
- 12) Shifting of all the equipment's like tools & tackles, filter machine etc. is in the scope of the contractor. No separate payment will be made for the same
- 13) The contractor at his own cost can visit CCI site, before submitting their offer.
- 14) **Fixed salvage value for copper will be @ Rs. 2,20,000.00 for this transformer. L-1 value will be decided after deduction of salvage value.**

2.0 PAYMENT TERMS: 90% Payment excl. GST shall be released against submission of invoice within one month and balance 10% after successful completion of guarantee period. GST will be reimbursed on the basis of GSTR-2B report to take ITC. GST will be paid at actual.

3.0 LIQUIDATED DAMAGES: Liquidated damage in delay in completion of the work shall be levied @ ½% per fortnight or part thereof for the completion of work against time mentioned, subject to a maximum of 5% of the value of the order. The corporation will, however, not be bound to prove that it has suffered to the extent of the liquidated damages.

4.0 GUARANTEE:
The contractor shall stand guarantee towards the material used and workmanship for a period of one year from the date of installation of 1MVA Transformer at site and energizing of the transformer. You shall rectify any defect failure during the above period free of cost.

5.0 EARNEST MONEY DEPOSIT: Rs. 11,040/-

6.0 **SECURITY DEPOSIT**: a) Successful tender(s) shall have to furnish a Security Deposit equivalent to @ 5% (five percent) value of the order calculated on total value of order i.e. basic price plus taxes duties and freight by way of demand draft / bank guarantee from any nationalized bank (in CCI's format) in terms of clause 2 of part-II of the tender documents towards satisfactory performance of the contract. Security deposit is to be submitted at respective unit.

b) Security Deposit shall be released within three months after completion of supplies and acceptance of material by the respective unit.

7.0 **PAYING AUTHORITY – HOD (FIN)**, Unit Bokajan Cement Corporation of India Ltd.

8.0 **DELIVERY PERIOD/SCHEDULE :**

Delivery of the transformer will be within 30 days after receiving the transformer at your workshop.

9.0 **INSPECTION/ TESTING:**

Inspection call shall be accompanied with internal test report, 10 working days in advance intimation shall be provided for inspection of equipment.

10.0 **DISPATCH DOCUMENTS:**

All invoices/dispatch documents shall be in the name of:
Cement Corporation of India Ltd.
P.O. Bokajan
Dist. Karbi Anglong Assam-782490.

- a) Invoice giving details of item dispatch with price along with copy of LR. The purchase order number and date are to be clearly indicated.
- b) Material Dispatch clearance Certificate from CCI.
- c) Separate packing lists
- d) Test certificate, inspection certificate or waiver issued by CCI.
- e) Intimation letter to insurance during transit.

11.0 **TRANSPORTATION AND FREIGHT**: The transformer shall be repaired at the repairer's workshop only. The repairers should give the detailed address of their factory / workshop where the transformer will be repaired. The failed transformer will be transported to the repairer's factory / workshop and transported back after repairs from the factory by the repairer and repairer will have to arrange loading, unloading of transformer at their works. The repairer will have to make Insurance of the transformer during transportation at their own cost. The Transformer should be supplied at Cement Corporation of India Ltd, P.O Bokajan Cement factory-782490, Dist. Karbi Anglong, Assam. Price should be quoted on F.O.R destination basis.

12.0 **PRICE**: The price should be quoted as per the price bid format only. The price will be firm. In other words no increase is permitted after opening of the price. Price may be quoted on F.O.R destination basis taking into consideration freight, taxes, duties, insurance etc.

13.0 **DURATION OF CONTRACT / COMPLETION OF WORK :**

The work shall be completed within 15 days from the date of receipt of Transformer at tenderers workshop

14.0 **TAX:**

a) Should submit GST certificate. GST amount will be reimbursed on the basis of GSTR-2A report. In case non-filing of GSTR-1 return or wrong filling, the amount equivalent to GST will be deducted from party.

b) Should submit PAN of firm/company

Signature of Tenderer



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PART-IV : TECHNICAL TERMS AND CONDITIONS

1.0 SCOPE OF WORK

1.1 Repairing/rewinding of 33/11KV, 1MVA Power Transformer at Mines.

SL. NO.	DESCRIPTION OF ITEMS	QTY
01	Repairing/rewinding of 33/11KV, 1MVA Power Transformer at Mines	01 NO.

- 1.2) Dismantling complete transformer. Cleaning of all healthy parts, including coils, laminations, tank, tap changer, radiator tubes pins insulating sleeves, conservator, Breather etc.& reassembly of core and winding with new DC/DPC/TPC coils, other new parts in lieu of damaged ones including brazing, soldering sleeving & insulating etc. Oven drying of assembled core reassembly of complete transformer by tanking the dried core, changing all gaskets, making all terminal transformers connections, filling oil, filtration, as necessary & complete testing as per IS-2026-1977 with latest amendments as applicable (Dismantling includes removing of core lamination & rebuilding after cleaning)
- 1.3) Welding of tank & other parts at points of leakages. Damaged Tap position to be repaired and free movement of the tap in every position to be done properly. Replacement of damaged tank radiator valve. Valve should be smooth and in closed position there should not be any leakages during close condition. Drainage oil valve to be replaced by new one.
- 1.4) Complete Spray Painting of transformer (including radiators) externally with 2 coat of high glossy heat resistive grey paint (including supply of paint) (paint to confirm to ISS & brand to be got approved in advance from CCI.
- 1.5) Painting of Internal wall of the tank with two coats of hot oil resistant paint (including supply of paint) (Paint to confirm to ISS & brand to be got approved in advance from CCI.
- 1.6) Rewinding of H.V. coils with new DC, DPC or TPC copper winding wire/Strip.
- 1.7) Re-insulation of H.V. coils with new insulation.
- 1.8) Rewinding of L.V. coils with new DC, DPC or TPC copper winding wire/Strip.
- 1.9) Re-insulation of L.V coils with new insulation.
- 1.10) Providing insulation between the coils, phase limbs, cores & limbs, inter phase cylinders blocks, slots, papers etc. (All types of insulation spacers including top & bottom wooden blocks & permali ring, Paper covering to main lead and taping lead etc.)

- 1.11) All the gaskets, oil seal gaskets made from rubberized cork sheet confirming to grade of IS-4253(Part –iii) for whole transformer, cover, bushing, silica gel, Buccholz Relay assembly, Winding /Oil alarm & trip indicator with temperature gauge meter etc if required will have to be replaced by new once while reassembling the transformers.
- 1.12) After fixing of gaskets and oil seals, the transformer is to be filled with Transformer Oil to the required level. Supply of 1140 Ltrs. Transformer oil of Servo/HP/Power oil, make. Then, transformer oil is to be filtered using portable oil filter machine. During the filtration, you will measure insulation resistance value and temperature of oil on hourly basis. BDV of oil shall be measured at the starting and end of the filtration.
- 1.13) The criterion for stopping the filtration shall be the Break down voltage of 60 KV (Average of 6 Readings) with 2.5 mm gap, as per IS335.
- 1.14) After filtration you shall have to submit the BDV Test certificate.
- 1.15) Before start of work and after completion of work, the IR value of the Transformer-Pri.-E, Sec.-E and Pri.-Sec. are to be recorded with 1000/2500/ 5000 V megger.
- 1.16) Set of required gasket shall be supplied by you for arresting of leakage. No material in this regard shall be supplied by CCI.

33/11KV, 1 MVA Power Transformer Specification.

kVA	1000	Serial No	ET 2-6354	
Volts	HV	33000	Type of Cooling	ON AN
	LV	11000	Ambient Temperature Deg. C	50
Amps	HV	17.50	Vector Symbol	Dyn 11
	LV	52.49	Impedance %	5.38
Phase	3	Frequency	50	
	Volume Oil Qty. Ltrs.	1140	MASS of oil. Kgs.	969
	Total MASS Kgs.	3800	Untanking MASS. Kgs.	1650
Year of Mfg.	2020	Make	Esennar	

(TO BE SUBMITTED ON LINE SUPERSCRIBING AS “PRICE BID”)

**Cement Corporation of India Limited
Bokajan Cement Factory**

PRICE BID

TENDER NO. BKJ/ELECT/12(A)/24-25/R for Repairing/rewinding of 33/11KV, 1MVA Power Transformer at Mines.

Sl. No.	Description of item (A)	Quantity (B)	Unit (C)	Quoted Rate (FOR Bokajan) (D)
01.	Making & Rewinding, repairing of 33/11 KV primary coil, DC, DPC, TPC for R, Y and B phase after making fresh TPC coating over the new wire with varnishing including all accessories.	03	Coil	Rs.
02.	Making & Rewinding, repairing of 33/11 secondary side coil, re-insulating/making and rewinding of the coil with new DC,DPC, TPC for R,Y and B phase after making fresh TPC coating over the new wire with varnishing including all accessories.	Complete	Job	Rs.
03	Supply and complete replacement of all oil seals, silica gel breather with fresh silica gel, cover bolts, plug, caps, screw, washer, valve insulation materials, minor repairing of transformer for leakages arresting, other reqd. parts and gaskets of IS standard and heat treatment completely and testing of the transformer i.e: high voltage, magnetic balance, voltage ratio, winding resistance etc.	Complete	job	Rs.
04	Supply of new transformer oil.(IOC/HPCL/POWER OIL) with filtration (BDV to be more than 60KV)	1140	Ltrs	Rs
05.	Transportation of complete transformer from our factory to your workshop by Hydra/Truck and vice versa after completion of repairing. Complete supervision , installation after testing.	01	Job	Rs.
06.	Total (1+2+3+....+5)			Rs.
07.	GST			Rs.

Note :-

1) L1 will be decided on overall lowest landed cost after deduction of fixed salvage value @ Rs 2,20,000.00 basis. GST applicable will be paid to the party on actual basis

Signature of Tenderer:

Name of the Signatory:

Date:

Designation:

Name of the Party:

Seal of the Company:

Place:

Date:

Seal