



CEMENT CORPORATION OF INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
P.O.-BOKAJAN CEMENT FACTORY, PIN-782490
KARBI-ANGLONG, ASSAM

Telephone: 03675 - 246106

Email:- bokajacement@gmail.com

ISO 9001:2015, ISO 14001:2015 & ISO 50001:2018

CIN-U74899DL1965GOI004322

NOTICE INVITING E-TENDER (NIT)

(Only Through government e-procurement portal: www.etenders.gov.in.)

Online electronic bids through Electronic Tendering System (ETS) are invited from experienced contractors "Thermal Insulation Work in different sections of the plant at CCI-BKO."

The complete set of tender documents is available on websites www.ccilttd.in, etenders.gov.in/e procure/app (CPP Portal)

E-Tender No.	BKJ/PROD/INS-201/23-24
Mode of tender	e-Procurement System (Online Part A - Techno-Commercial Bid and Part B - Price Bid) through etenders.gov.in/e procure/app , (CPP Portal)
Date of NIT available to parties to download	From 01.01.2024 to 21.01.2024 (02:30 PM)
Earnest Money Deposit	Rs. 79,083
Last date of submission of EMD, valid SSI/NSIC/MSME certificate and other documents required as per tender terms & conditions under covering letter	21.01.2024
Date of Starting of e-Tender for submission of on line Techno-Commercial Bid and Price Bid at etenders.gov.in/e procure/app	01.01.2024
Date & time of opening of Part-A (i.e. Techno-Commercial Bid)	22.01.2024 at 3.00 PM
Date of opening of Part-B i.e. price bid	shall be informed separately
Validity of bids.	120 Days from the date of Techno Commercial bid opening.

List of Annexure

The tender documents comprise of following:-

From CCI Website	Covering letter, Part-I - Instruction to bidder, Part-II- General Terms & Conditions, Annexure-1 to Annexure-9 including Integrity Pact which is available in CCI web site must be submitted by tenderer duly filled & signed.
Annexure-10	Important instructions for E-Procurement
Annexure-11	Part-III - Special Terms & Conditions
Annexure-12	Part-IV- Technical Terms & Conditions
Annexure-13	Price Bid Proforma

Please visit our website www.ccilttd.in for Covering letter, Part-I - Instruction to tenderers, Part-II- General Terms & Conditions, Annexure-1 to Annexure-9 including Integrity Pact, all formats and submit the same along with Annexure-11, duly filled & signed along with the tender.



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This is an E-Procurement event of CEMENT CORPORATION OF INDIA. The e-procurement service provider is NIC-Central Public Procurement Portal, New Delhi-110003.

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

Process of E-tender :

Registration:

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).

SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT etenders.gov.in/eprocure/app

1). Vendors are required to register themselves online with etenders.gov.in/eprocure/app Register as Vendor Filling up details and creating own user id and password → Submit.

2). Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

In case of any clarification, please contact CCI/NIC-CPPP portal.

Contact person (Cement Corporation of India):

1. HOD (Prod)
CCI, Bokajan Cement Factory,

Bokajan, Dist: Karbi Anglong

Assam-782490

Contact No.: **03675 -246339**, + M: 8287929991

E-mail : bkjpc@gmail.com

2. HOD (MM)
CCI, Bokajan Cement Factory,

Bokajan, Dist: Karbi Anglong

Assam-782490, M: 6303223140

E-mail : bokajanmm01@gmail.com

(A) Help Desk (NIC-CPPP):

(E-commerce):

☐ **0120-4001 002/005, 0120-6277 787**

	<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: 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.</p> <p>The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid is explained in Help Manual.</p> <p>In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.</p> <p>During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.</p> <p>The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.</p> <p>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>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>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>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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Annexure-11

PART-III: SPECIAL TERMS AND CONDITIONS

Please visit our website www.ccilttd.in for Covering letter, Part-I - Instruction to tenderers, Part-II- General Terms & Conditions, Annexure-1 to Annexure-9 including Integrity Pact, all formats and submit the same along with Annexure-11, duly filled & signed along with the tender.

In addition to the General Terms and Conditions of the tender (Part- I & II), the following Special Terms & Conditions also apply to the contract for the Thermal Insulation Work in different sections of the plant at CCI, Bokajan. These special terms and conditions if contradictory to any of the conditions given in Part-I, II shall prevail upon the conditions given therein.

The offers are invited from prospective contractors having **at least 3 years experience** in providing Thermal Insulation Work Order having value of not less than Rs.15 Lakhs in a single location.

1. SCOPE OF WORK:

Thermal Insulation works at CCI-Bokajan on turnkey basis. It has been detailed in PART-IV reg. technical terms and conditions of the Tender.

2. QUANTITY:

It has been detailed in PART-IV reg. technical terms and conditions of the Tender.

3. DURATION OF CONTRACT:

- The work should be completed within a period of one year from the date of award of the work & delay in execution over stipulated period will attract liquidated damages recovery as per L.D. Clause No. 15.4 of Part-II General Terms & Conditions .
- In case the work is not allocated due to any reason by CCI, the equivalent time period shall be extended accordingly & no L.D. shall be levied for such delay.
- Mobilization time of 3 weeks will be allowed excluding execution time of 365 days from the date of award of work order.

4. L.D. CLAUSE:

In case of any delay in insulation work, Liquidated Damages @ ½% per Fortnight of the value of undelivered portion or part thereof to maximum of 5% shall be recovered. Also we may resort to risk purchase.

5. QUALITY & PERFORMANCE OF WORK:

- Party must stand guarantee /warranty for the work carried out by them for 12 months from the date of completion of work. If any damage / failures are noticed during the warranty period, party shall rectify the same, free of cost.
- Party has to submit Performance Bank Guarantee (P.B.G.) from a nationalized bank for 10% value of the work as per clause No. 9 of this tender documents part III..
- In case of any loose fixing/damaged claddings in the above period has to be repaired/replaced by the party free of charge.
- This Performance Guarantee shall be released after 3 months of successful completion of guarantee/Warranty period of 12 months.

6. RATE:

The offer should be firm and no escalation in rates shall be allowed since the above work is one time job.

7. EARNEST MONEY DEPOSIT (EMD):

Earnest money of **Rs.79,083** by way of e-payment (through e-tendering portal gateway) in favor of Cement Corporation of India Ltd., Bokajan.

8. REPEAT ORDER:

CCI reserves its right to place repeat order on the same quantity or part thereof, at the same rate, terms & conditions; if the performance of the party is found satisfactory. No escalation in rates shall be allowed to place the repeat order.

9. MEASUREMENT & INTERCHANGABILITY:

- a) The measurement of Insulation shall be done jointly as per IS: 14164 – 2008 in the presence of representative of CCI & representative of Contractor. The measurement of the CCI committee will be final & binding to the contractor for payment purpose.
- b) In case the actual insulation done of one thickness type (e.g. say 50 mm) is exceeded by the proposed area of that particular section during the actual execution, the interchangeability of work can be done by consuming area available for insulation for another size or section (e.g. say 100 mm) and vice versa for payment purpose, so that the total financial implication of the work order will remain unchanged. The payment of extra insulation work will be done by lowest rate among them.

10. STATUTORY CONDITIONS:

The following Terms & Conditions are applicable for engaging Contract Workmen by Contractor in CCI Bokajan:

- a) It shall be the responsibility of the Contractor to ensure that the personnel deployed by them are not below 18 years of age as per Factories Act 1948 & Rules 1950 provisions.
- b) Contractor shall obtain Medical Fitness Certificate as per Factories Act 1948 & Rules 1950 before deploying into work of his workman.
- c) Contractor shall obtain a valid labor license in his name under Contract Labour (R&A) Act 1970 & rules 1971 from the Licensing officer and comply with all legal formalities and submit a copy of the Labor License to the Company before commencement of the work.
- d) The Contractor shall verify antecedents of his workmen engaged by him and ensure that the workmen engaged by him carry with them proper identity cards bearing their photographs to be issued by him and carry during the working hours.
- e) The Contractor shall maintain all Statutory Registers as required under the Contract Labour Act, 1970 & Rules 1971 and all other and various labor laws applicable from time to time. It shall be the responsibility of the Contractor to maintain all records in respect of workmen engaged by him. The Contractor shall specifically maintain the following Registers:
 - Form – A : Format of Employee Register
 - Form – B : Format for Wage Register
 - Form – C : Format of Register of Loan / Recoveries
 - Form – D : Form of Attendance Register
 - Form – VII : Service Certificate
 - Form – XII : Employment Card
- f) The Contractor shall produce all the registers and records to the representative of the Company and Government authorities as and when required for ensuring statutory compliance. The Contractor shall submit a Certificate for having complied with all the statutory provisions under all labor statute applicable to his contract at the end of the month and only then his monthly bill will be processed for payment by the Company.
- g) Contractor should take registration codes under Employees Provident Fund (Miscellaneous Provisions) Act 1952 and Employees' State Insurance Act 1948 for issuing PF number and ESI number to his workmen. The Contractor shall ensure that, to remit the Provident Fund and ESI contributions on before 15th of every month for the previous month wages as per the provisions of

Employees' Provident Funds & Miscellaneous Provisions Act, 1952 & Employees' State Insurance Act, 1948.

- h) The Contractor shall submit invoice/s on a monthly basis for verification on or before 2nd day of the succeeding month. All bills should be supported with following documents mentioned herein:
 - Copy of Form B - Wage register
 - Copy of wages remittance
 - Copy of challan showing remittance of Provident Fund
 - Copy of challan showing remittance of ESI
- i) The Contractor shall be responsible for making payment of Statutory Bonus as per the provisions of Payment of Bonus Act, 1965. After verification, the Corporation will reimburse the actual bonus amount as admissible to the Contractor. The acknowledgment copy of the paid statement shall be submitted to the department for verification and reimbursement as per company policy.
- j) The Contractor undertakes that it has complied with and agrees to comply with all the necessary statutory requirements such as maintaining Registers, Records and Returns under Contract Labour (Regulation & Abolition) Act, 1970, Factories Act, 1948, Minimum Wages Act, 1948, Payment of Wages Act 1936, Payment of Bonus Act, 1965, Employees' Provident Funds & Miscellaneous Provisions Act, 1952, Employees' State Insurance Act, 1948, Employees' Compensation Act, 1923, Labour Welfare Fund Act, 1987, The Industrial Employment (Standing Orders) Act, 1946.etc. as applicable to its business for providing the said services.
- k) The Contractor shall also comply with the provisions of the Act and such other statutory enactments/rules and regulations laid down by the Government or local body whether related to labour, commercial or other laws in force/coming into force which may apply to this Agreement/Contract and any liability on account of non-compliance or violations thereof by it, shall be solely to the account of the Contractor and the Company shall not be responsible for any breach or violation by the Contractor. The Contractor hereby agrees to indemnify and keep indemnified the Company against any claim, loss, damage, cost, charge or expense incurred or suffered by the Company on account of any breach or violation of the necessary statutory requirements by the Contractor.
- l) The Contractor shall disburse the wages and all other payments if any only through Cheques / ECS transfer to his workmen by himself.
- m) The Contractor shall regulate the discipline of the workmen engaged by him in the discharge of duties. The Contractor shall also decide and take disciplinary action against the workman if they are found to have committed any act of misconduct/s.
- n) The Company shall have privity of contract with the Contractor only and shall give instructions to him and shall have nothing to do with Contractor's workmen. It is clearly and absolutely agreed by this deed that no relationship of "Employer and Employee" is created between the Company / Principal Employer and the workmen engaged by the Contractor. Any reference to the contract workmen under this agreement shall not be deemed to be resulting into employee-employer relationship or any other relationship of such nature between the Company / Principal Employer and contract workmen.
- o) The Contractor also shall strive to attain zero accidents at the workplace. Contractor should ensure safety of his workmen at work place and ensure all his workmen are equipped with Safety Personal Protective Equipments (PPEs) like, Safety Shoes, Helmet, nose mask...etc.
- p) The Contractor shall not sub-contract or assign this Agreement / Contract or any part hereof or the rights and obligations arising here from to any third party.
- q) The Company shall not have any connection whatsoever with the workmen engaged by the said Contractor and the Company shall have nothing to do or concerned with the conditions of employment of the workmen working for Contractor. The entire supervision and control on the work of the Contractor's workman shall be carried out by the Contractor himself and / or its supervisors without any interference / intervention of the Company.
- r) For the purposes of providing the said services and for effectively carrying on its obligations under this contract, the Contractor will have the absolute discretion to deploy such number of personnel including Supervisor/s, in the said premises as it deems fit / as per department requirements. All liabilities and obligations on account of the said personnel shall be that of the Contractor only.
- s) In case of termination / expiry of contract, the Contractor shall have no right or lien whatsoever upon the premises. The Contractor undertakes to leave the premises with all his workmen peacefully and shall have no claim of any nature against the Company.

11.PAYMENT:

Payment shall be released as per the terms below:

- a) **30%** of the order /invoice value will be paid on receipt of materials at site within 30 days.
- b) **60%** against completion of the work against RA bill, within 30 days from the date of submission of bills.
- c) Balance **10%** after satisfactory completion of guarantee/warranty period. **However, 10% can be released if P.B.G. of equivalent amount is submitted before execution of work, which should be valid for 18 months with a grace period for lodging of claim for Six months.**
- d) The P.B.G. shall be refunded after 3 months of successful completion of guarantee/ Warranty period.

12. TAXES (GST):

- a) GST-TDS @ 2 % will be deducted as per GST rules. In case GST is mentioned as '0' in price bid, it shall be treated as inclusive and landed cost shall be arrived for comparison by debiting the input credit from the from the quoted rates.
- b) GST will be paid/ reimbursed after uploading/ filing of concerned invoices on GST portal subject to appearance on CCI GST Portal.

13. FACILITIES:

Following facilities shall be provided to the Contractor by CCI:

- a) Covered storage space with free electricity for storing the material (tools & tackles) at site.
- b) Accommodation for Proprietor/ Supervisor, workers will be given in Type-2 and Type-1 quarter respectively, based on availability in the CCI Colony on chargeable basis however water and electricity on site will be free of cost.
- c) The party may visit the site before submitting the offer.
- d) Any other services required, if available from CCI shall be provided on chargeable basis. However, CCI is not bound to provide the required material/any services. The contractor has to make their own arrangements for carrying out the jobs.

14. OTHER TERMS & CONDITIONS:

- a) The contractor has to make necessary scaffolding arrangement for carrying the work. The scaffolding materials shall have to be arranged by the party. The scaffolding work must be started from ground floor to facilitate the duct repairing job if any.
- b) The tenderer shall have to arrange tools & tackles with all accessories, welding machines, cutting sets. However, consumables like welding electrodes & industrial gases can be provided by CCI in emergency case only, on debit-able basis.
- c) The Quantity given above is only indicative and based on our current estimates. The same may vary depending upon our actual requirement/site conditions.
- d) The contractor and his people have to work at a height of approximately 50 meters above the ground level. All safety measures & permits have to be taken before starting the work.
- e) The Contractor has to make his own arrangement for necessary tools, tackles, etc. required for the above job, at his own cost.
- f) In case disinvestments takes place during the contract period, the contract shall stand terminated from that date. No claims or compensation will be entertained on this ground from contractor.

15. SECURITY DEPOSIT:

Successful tenderer(s) shall have to furnish a Security Deposit **equivalent to 5% (Five percent) value** of the order by way of Demand Draft / Bank Guarantee (In CCI's format) from a nationalized bank, in terms of Clause No. 2 of Part- II of the tender documents for satisfactory completion / performance of the contract. S.D. will be refunded after 3 months of successful completion of Order.

16. PERFORMANCE GUARANTEE:

Successful tenderer(s) shall have to furnish **10% (Ten percent) value of the order** by way of Demand Draft / Bank-Guarantee (In CCI's format) from a nationalized bank, as mentioned in payment terms clause No. 9 towards performance Guarantee for satisfactory performance of the equipments supplied. The P.B.G. shall be refunded after 3 months of successful completion of guarantee/ Warranty period.



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Annexure-12

PART-IV: TECHNICAL TERMS AND CONDITIONS

In addition to the General Terms and Conditions of the tender (Part- I & II), the following Special Terms & Conditions also apply to the contract for the Thermal Insulation Work in different sections of the plant at CCI, Bokajan. These special terms and conditions if contradictory to any of the conditions given in Part-I, II shall prevail upon the conditions given therein.

The offers are invited from prospective contractors having **at least 3 years experience** in providing Thermal Insulation Work Order having value of not less than Rs. 15 Lakhs in a single location

1. SCOPE OF WORK:

- 1) The tenderer shall use lightly resin bonded rock wool mattresses having density of 100 kg/m³ (minimum) with one side G.I. wire netting of 3/4" x 24 SWG as insulation material confirming to IS: 8183.
- 2) 22 SWG plain aluminum sheet shall be used as cladding material over the insulation.
- 3) All ancillary material to be used shall be of best commercial quality.
- 4) The work involves scaffolding works, removal of old insulation, cleaning of the ducts for new insulation and cleaning of areas after completing the job
- 5) Providing of 10G G.I. sheets lugs to hold the insulation mattress in position for equipments of higher diameter ducts.
- 6) Providing & fixing of MS Spacer rings made out of 25 x 3 mm MS Flat to hold the sheet metal cladding in position for equipments and pipe lines above 4" diameter only.
- 7) Providing & fixing of LRB Mattresses backed with one side GI Wire netting of size 3/4" x 24 SWG in required thickness and stitching the joints with GI lacing wire.
- 8) Providing & fixing of 22 SWG Plain aluminum sheet with proper grooves and overlaps and held in position by means of GI self tapping screws and sealing the sheet joints using suitable sealant. Further the cladding shall be secured by means of Aluminum Band 20mm x 22 G at 45mm c/c.
- 9) As the work is on turnkey basis all needed materials shall arrange by the tenderer.
- 10) The offers are required for above work on turnkey basis. However, damaged ducts and arresting of leakages to be attended by CCI, after handling over the cleaned surfaces by contractor.
- 11) Scaffolding works to be carried out by party from ground floor instead of along the duct. It will facilitate the duct repairing works if any by unit mechanical department which would be done parallel to the insulation works.
- 12) The contractor has to make all arrangements, including scaffolding arrangement, tools & tackles, required manpower for carrying out the jobs.
- 13) At the actual site, surfaces have to be cleaned with wire brush and are to be repaired as and where required before putting the insulation.
- 14) The work will be awarded to the party based on rates for items on overall L-1 basis.
- 15) The work of Insulation is to be provided at Raw mill furnace ducts, hot air duct from separator outlet duct to ESP outlet duct, Cement mill ESP inlet duct, outlet duct & any other area within the scope of work, as per the instructions of HOD (Production). The details of area & insulation pad thickness given in clause 2.0.
- 16) Any other area/section, which is not covered under the scope of work, can be allocated for thermal insulation work for maintenance/ repairing of old/damaged insulation by mutual consent of CCI & Contractor. The payment of this insulation repairing job will be done as per thickness of insulation used & area to be measured as per Measurement Clause No. 9.0 of Part-III.

2. QUANTITY/ AREA:

The area wise approximate quantities to be insulated are given below:

Sl. No.	Particulars	Approx. height above ground	Proposed thickness of insulation pad	Proposed area (M²) ± 25 %
1	Raw Mill Hot air duct from Mill & Separator outlet to ESP inlet	15 metre to 35 mtr	75 mm	1150
2	Raw Mill ESP including both collecting hopper	5 mtr to 24 mtr	60 mm	700
3	Raw Mill Furnace ducts	2 mtr to 15 mtr	75 mm	50
4	Removal of old insulation	1 mtr to 50 mtr	60 to 100 mm	1900
5	Scaffolding			1900
Total Area for thermal insulation				1900

The quantities mentioned above are indicative and may vary on either side by ± 25 % during actual execution.



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Annexure-13

PRICE BID**(TO BE SUBMITTED SEPARATELY)**

S.N.	Name of area works to be done	Insulation thickness	Area (M ²)	Basic rate (INR) per M ² area	Overall quoted value (INR)
A	Raw Mill Hot air duct from Mill & Separator outlet to ESP inlet	75 mm	1150		
B	Raw Mill ESP including both collecting hopper	60 mm	700		
C	Raw Mill Furnace ducts	75 mm	50		
D	Removal of old insulation	60 to 100 mm	1900		
E	Scaffolding		1900		
Overall (A+B+C+D+E)					

- Basic rate i.e. without GST to be submitted by bidder.
- GST as applicable; certified that the GST indicated as per the prevailing Act of GST and provision made there under.
- Work Order for all the above items may be awarded to the party on overall L-1 basis.

Signature of Tenderer :

Name of the Signatory :

Designation :

Name of the Party :

Place :

Date :