

**CEMENT CORPORATION OF INDIA LIMITED
RAJBAN CEMENT FACTORY**

P.O: CCI-RAJBAN - , SIRMOUR Dist, PIN 173029 (HIMACHAL PRADESH)

CIN No. U74899DLI965PLC004322

E-Mail: mechrjocci@gmail.com Website: www.ccilttd.in

NIT NO.: RCF/MECH /ELECTRONIC PACKER/3078/2023-24

Dt: 08.01.2024

NOTICE INVITING E-TENDER

(Only through e-procurement)

Online electronic bids through Electronic Tendering System (ETS) are invited from manufacturers having adequate experience are invited for **“Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e. Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI- Rajban.**

The tender should meet the eligibility criteria as stated in the tender for qualifying the Techno Commercial Bid. The Complete set of tender documents is available on websites www.ccilttd.in,etenders.gov.in/eprocure/app (CPP Portal).

E- TENDER NO.	RCF/MECH / ELECTRONIC PACKER/ 3078 /2023-24
MODE OF TENDER	e-Procurement System Open e-tender (Online Two Bid, Reverse Auction) through www.cci-etender.com / www.tenderwizard.in
Date of NIT available to parties to download	From:09.01.2024 (10.00 hrs.) Till: 23.01. 2024(14.30 hrs.)
PRE-BID MEETING Date PRE-BID MEETING Venue Last date for submission of queries by the vendors / bidders. Date of Site visit (if needed) by the vendors/ bidders if needed.	Pre-bid meeting will be held on 16.01. 2024 at 3.00 p.m. CEMENT CORPORATION OF INDIA LIMITED, RAJBAN CEMENT FACTORY, <u>P.O. CCI RAJBAN - , (Himachal pradesh)</u> The vendors/Bidders need to provide the list of clarifications required, if any along with para/clause no. of the tender documents before the pre-bid meeting. Any working day from 9.00 am to 5.00 pm
Submission of EMD valid SSI/NSIC/MSME certificate and other documents required as per tender terms & conditions under covering letter	Rs. 1,30,000/- (Through e-payment gateway only as per Clause No. 1.0 of Part-II GTC)

<p>Date of Starting of Open e-Tender for submission of on line Techno-Commercial Bid and Price Bid at www.ccilttd.in.etenders.gov.in/eprocure/app (CPP Portal)</p>	<p>From: 09.01.2024 (10.00 hrs.) Till: 23.01.2024(14.30 hrs.)</p>
<p>Date & time of opening of Part-A (i.e.; Techno commercial bid)</p> <p>Part-B: Date of opening of Part-B (i.e; Price bid) will be informed separately.</p>	<p>24.01.2024 @ 15:30 hrs.</p> <p>To be communicated separately.</p>
<p>Validity of bids</p>	<p>120 days from the date of techno- commercial bid opening.</p>

Offer is invited for the following on FIRM & FOR destination basis as per details given below:

- 1) Only those tenders will be considered who fulfill the terms & conditions mentioned in the tender documents.
- 2) Only those tenders will be considered who will deposit the EMD as per Clause No. 1.0 of Part-II GTC by due date.
- 3) The price- bid should be only as per CCI's Price-bid format otherwise the tender is liable for rejection.

NIT NO.	NAME OF THE WORK	ACTIVITY
RCF/MECH/ ELECTRONIC PACKER/3078 /2023-24	“Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI-Rajban.	Design&Engineering Manufacture&Supply& Supervision, commissioning&Hookingupwith the existing system. PGTest (List of Recommended Spares for two years operation)

List of Annexure

The tender documents comprise of the following:-

Part I	General terms & conditions can be downloaded from CCI website www.ccilttd.in which may be read and understand thoroughly on its entirety.
Part II	
Annexure – 1 to 9	Download from General terms & conditions in tender section from CCI website www.ccilttd.in. Which must be submitted by tenderer duly filled & signed.
Annexure – X	Important Instructions to bidders
Annexure- XI	Part-III: Special Terms & Conditions
Annexure- XII	Part-IV: Technical Specifications
Annexure – XIII	Techno-commercial bid
Annexure- XIV	Price Bid Performa (Price schedule) to be submitted by tenderer duly filled & signed.
Annexure- 2	Public procurement (preference to make in india)

Please visit our website www.ccilttd.in for Part-I Instruction to bidders, Part-II General terms & conditions, Integrity pact & all formats .Submit the same along with all Annexures duly filled & signed by tenderer.

IMPORTANT INSTRUCTIONS TO BIDDERS

You are requested to read the Tender 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.

01)	<p>Process of E-Tender:</p> <p><u>Registration:</u> 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. Antares Systems Ltd is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).The</p> <p>SPECIAL NOTE: THE PRICE BID AND THE TECHNO-COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT etenders.gov.in/eprocure/app Vendors are required to register themselves online with etenders.gov.in/eprocure/app → 'Register Me' link. Filling up details and creating own user id and password → Submit.</p> <p>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-CPP portal, (before the scheduled time of the e-tender).</p> <p>Contact person (Cement Corporation of India):</p> <table border="1"><thead><tr><th>Name</th><th>Email</th><th>Land Line</th><th>Mobile</th></tr></thead><tbody><tr><td>R.KHATRI, DGM (MECH.)</td><td>mecrjocci@gmail.com</td><td></td><td>7827989585</td></tr><tr><td>B.HARILAL SM (Mech)</td><td>mecrjocci@gmail.com</td><td></td><td>7827989564</td></tr><tr><td>M(MM)</td><td>mecrjocci@gmail.com</td><td></td><td>7827989577</td></tr></tbody></table> <p>Help desk Antares Systems Ltd: NIC-CPP portal (E-commerce): 8077213001</p> <p>B) System Requirement:</p> <p>Windows 8,10 Professional Operating System, Internet Browser-9,10 &11. Signing type Class 3 digital signature Java JRE 6 and above</p>	Name	Email	Land Line	Mobile	R.KHATRI, DGM (MECH.)	mecrjocci@gmail.com		7827989585	B.HARILAL SM (Mech)	mecrjocci@gmail.com		7827989564	M(MM)	mecrjocci@gmail.com		7827989577
Name	Email	Land Line	Mobile														
R.KHATRI, DGM (MECH.)	mecrjocci@gmail.com		7827989585														
B.HARILAL SM (Mech)	mecrjocci@gmail.com		7827989564														
M(MM)	mecrjocci@gmail.com		7827989577														

02)	<p>Part-A Techno-Commercial bid & Part-B Price bid in Two bid System (Reverse Auction)</p> <p>(A) Part-A 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-B Price bid will be opened electronically of only those bidder(s) who's Part-A Techno-Commercial Bid is found to be Techno-Commercially acceptable by CCI. Such bidder(s) will be intimated date of opening of Part-B Price bid, through valid email confirmed by them.</p> <p><u>NOTE:</u></p> <p>The Tenderers are advised to offer their lowest possible rates taking into account the prevailing market conditions. There would generally be no negotiations hence please submit your most competitive prices while submitting the price bid. However, if the rate is still considered high, action as per prevailing instruction/guideline shall be taken.</p>
03)	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
04)	<p>In case of failure to access the payment towards non-refundable fees 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 non-refundable fees through separate DD well in advance and verify completion of transaction in respect of non-refundable fees.</p> <p>Vendors are instructed to use Upload Documents link in My menu 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 AttachDocument link against the particular tender. For further assistance please follow instructions of vendor guide</p>
05)	All notices/corrigendum 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).
06)	The responsibility of downloading the related corrigenda, if any, will be that of the downloading parties.
07)	E-tender cannot be accessed after the due date and time mentioned in NIT.
08)	<p>Bidding in e-tender:</p> <p>a) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.</p> <p>b) 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>c) 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>d) 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 www.ccilttd.in.etenders.gov.in/eprocure/app (CPP Portal).
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, punitive action including suspension and banning of business can also be taken against defaulting bidders.
17)	Bidders are requested to read the vendor guide in the page www.ccilttd.in.etenders.gov.in/eprocure/app (CPP Portal) to familiarize themselves with the system before bidding.

PART- III: -SPECIAL TERMS & CONDITIONS

Tender for “Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI-Rajban.

This tender contains part –I and Part – II general terms, Part – III special terms and conditions, Part –IV Technical Specification & Data sheet and Price bid.

Please visit our website www.ccilttd.in for Part-I Instruction to bidders, Part-II General terms & conditions, Integrity pact & all formats. Please read the same and understand clearly. Submit all Annexures1 to 9 duly filled & signed by tenderer.

1.0) SITE VISIT : The parties who wish to quote are advised to visit see the site, know its conditions, and study the same before submitting the offer & pre bid meeting. Later in case any problem is put forth or changes are requested due to site, it will not be entertained.

2.0) ELIGIBILITY CRITERIA

2.1 Average annual financial turn over during last three years ending 31st March of previous financial year should be at least Rs. 50 Lacs. Tenderers are advised to submit 3 years audited balance sheet for this purpose.

2.2 Experience of having successfully execution of order of packer machines and its system prep arable in cement plants during last seven years ending last day of month previous to the one in which applications are invited should be either of the following:

- a) Three orders with value not less than Rs. 30 Lacs each or
- b) Two orders with value not less than Rs. 40 Lacs each or
- c) One order with value not less than Rs. 60Lacs.

2.3 Party has to submit PO copies of for above.

3.0 SCOPE OF WORK:

The details Scope of Work will include “**Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI-Rajban**”.

The detailed scope of work & technical specifications is given in Part-IV of the tender documents.

4.0 Activity wise break up of total scope of works is as under :-

- 1) Design, Engineering, Submission of GA drawing with detail engineering for supply of Mech, electrical & Instrumentation—for successfully commissioning and hooking up with the existing plant. The design submission must be completed within 4 weeks of issue of the Order.
- 2) Manufacture & Supply of all material for Mech. and E&I work such as supply of MCC panel and for Mech, Supply of equipment viz. electronic packer, bag filters, screw conveyor, screw compressor, packer discharge belt and online bag printing machine.
- 3) Supervision of erection of all the supplied equipment and Integration with existing system., Commissioning & Hooking up with existing system.
- 4) Conducting performance guarantee test, as per clause no.2.7 of Part- IV.

5.0 PRICES:

The Bank Guarantees as mentioned under different columns (EMD, Security Deposit& Performance guarantee etc.) are to be submitted as per CCI formats from any Nationalized Banks only of equal amount as per validity indicated in the relevant clause with claim period of further three months.

Prices are to be quoted on firm and F.O.R. destination basis inclusive of Packing / Forwarding charges, insurance, Tax as applicable etc. showing break up as per Price Bid format only. No escalation during the period of contract / execution of the entire contract / extended period on whatever reasons thereof will be allowed in prices.

The price should be quoted strictly in our prescribed Price Bid format enclosed with the tender, both in figures and words to avoid ambiguities. In case of any difference in figures & words, the lower amount of the two will be taken into consideration.

Award of contract will be solely at the discretion of CCI.

6.0 PROJECT COMPLETION:

The jobs related as per the scope of work given at Part – IV starting from Design, Engineering upto successful commissioning and PG test of Electronic Packer is to be completed preferably in 180 days which includes 120 days for supply and for fabrication, erection& hook up and commissioning work 60 days. Hence, total completion period is 180 days from the date of placement of Work Order. The date of award of Work Order shall be considered as the zero date for all purposes. However, PG test will be carried out after 15 days successes full running of packer.

The successful tenderer has to submit –

- a) Detailed General Arrangement Drawings of the system
- b) Technical Specifications,

Decision of CCI in respect of all the technical specifications, design, drawings, diagrams, schemes and selection of vendors/contractors will be final.

7.0 PAYMENT TERMS:

7.1 PART- A:

A)5% (Five percent) of the total contract price excluding taxes, duties and freight will be released against submission of Basic Engineering drawings, submission & General Lay out drawings, list of equipment items and fabrication drawings will be submitted within 4 weeks time & payment will

be released within 15 days against submission of bill, the list of equipments to be supplied (BOQ) is to be enclosed.

B) Supply of the main components such as electronic packer, radial belt conveyor, online bag printing machine, screw compressors, Bag cleaning device, bag filter, cement feeding system including Bin aeration and flow control gate etc all the other related equipments as per BOQ.

70% (Seventy percent) of prices of components/items & complete bought out material etc., along with 100 % taxes, (GST) & freight, if applicable will be released after pre-dispatch inspection & certification by CCI officials on receipt of material at CCI site & payment will be released within 15 days against submission of running bills.

The following documents are to be submitted for release of payment.

- a) Three copies of invoice along with packing list etc.
- b) Certificate of pre dispatch inspection report by CCI officials at our site.
- c) Copy of equipment/machinery list along with value as per billing schedule to be submitted by the successful tenderer duly approved by CCI.

C) P.G. TEST:

On successful completion of commissioning & satisfactory completion of P.G. Test, 15 % (Fifteen percent) of the total contract value (excluding taxes, etc) will be released after deduction of L.D.& other recoveries, if any.

- D) Balance 10% (Ten percent) may be released on submission of B.G. for 10% of total value of contract (excluding taxes & freight) against P.G. Test/ performance guarantee/ Warranty, for a period of 12 months within 02 months of successful completion of P.G./ Warranty.

7.2 PART- B: Supervision charges for Erection, Hooking up with existing system and Commissioning of electronic packer on lump sum basis. Payment will be made within 30 days of completion of the project.

7.3 MODE OF PAYMENT:

The payment will be made through e- payment RTGS/ NEFT only.

Approval of billing schedule submitted by the successful tenderer one week before the dispatch of the first consignment by the tenderer.

7.3.1 The following documents are to be submitted:

Three copies of invoice along with document such as packing list, consignment note (consignee copy) as per approved schedule by CCI and dispatch documents certified by CCI conforming to the approved schedule / work certified by CCI .

- i) Copy of insurance policy, clearly indicating the part consignment by underwriter, Inspection report by CCI certifying acceptance of consignment and value conforming to the schedule of material already certified by CCI.

8.0 PENALTY / L.D.:

- a) Any delay beyond the scheduled completion period of the project will attract penalty @ 0.5% for delay per fortnight of the total contract value subject to the 5% of the total contract value.
- b) Any delay of shutdown period will attract a penalty of Rs.20000/- per day.

9.0 SECURITY DEPOSIT:

The successful tenderer shall have to furnish Security Deposit equivalent to 10% (Ten percent) of the total value of the contract including all taxes by way of Demand Draft / Bank Guarantee (in CCI format in terms of Clause 2.0 of PART – II of the tender towards satisfactory performance of the contract within 15 days date of order.

This Security Deposit shall be refunded within 2 months from the date of satisfactory completion of the PG Test to be verified by CCI Rajban.

I.T. as per rules will be deducted from contractor's Running Account bills. Security Deposit amount will be refunded after completion of defect liability period of 2 months, on satisfactory performance, on production of Unconditional No Claim Certificate.

10.0 a) CONSIGNEE:

HOD (MM) – Rajban(H.P). However, the consignment note (C/N) / LR / RR shall be endorsed by CCI in the name of tenderers representative posted at CCI Rajban Unit to facilitate receipt, unloading, transport and safe custody by him at CCI's site.

The successful tenderer should ensure that their representative is available at Rajban unit, before the first lot of material reaches the unit, for ensuring the receipt, unloading of the material and its safe custody etc.

Transit & storage insurance will be in the scope of successful Tenderer only.

11.0 b) INVOICING:

Three set of copies of invoices showing basic rates, full taxes amount / GST, etc. etc. along with packing list, delivery challan, Railway Receipt / Lorry Receipt / Parcel way bill or similar other documents are to be sent to the consignee, in case of direct payment option by Cheque / DD submitted to CCI duly certified by CCI representative for obtaining payment. Copy of these documents should also be sent immediately after dispatch of the consignment to the destination by fax/ mail to avoid demurrage / wharfage.

Three copies of invoices of which one shall be original duly pre-receipted along with Packing list/delivery challan shall be sent to the paying authority directly.

If any extra charges including wharf age / demurrage are incurred in taking delivery of the consignment due to supplier's failure to observe the conditions mentioned above, the same would be recovered from the supplier.

12.0 PAYING AUTHORITY:

H.O.D. (FINANCE) – RAJBAN CEMENT FACTORY, RAJBAN.

13.0 INSPECTION:

Pre-dispatch inspection, if any shall be done at the tenderer's works or at the works of tenderer's vendors. The tenderer shall give an advance notice of minimum seven days for enabling CCI to depute the inspector.

Material will be dispatched only after pre-dispatch clearance certificate given by CCI's inspector.

Inspection shall, in no way, absolve the responsibility of the supplier for workmanship, quality warranty and performance guarantee offered by them.

Less priority items will be directly inspected after reaching of material at site & clearance for further process will be accorded accordingly. Inspections for such items will be waived off by CCI representative after thorough inspection of pre dispatch reports & clearance for dispatch will be given through mail / Phone.

14.0 PERFORMANCE GUARANTEE TESTS:

The successful tenderer shall be required to give performance guarantee tests as per Tender clause separately given in Part-IV-Annexure XIII of the tender document within 30 days from the date of successful commissioning & after 15 days running of equipment.

15.0 WARRANTY/ GUARANTEE:

The tenderer shall guarantee that all the equipments supplied by them whether manufactured at their works or fabricated at our site or by their sub-suppliers or purchased from any other source and supplied to the Corporation will be new and free from all defects and shall be of first class workmanship and quality.

The tenderer shall warranty that to replace, rectify or repair free of cost at our Factory site, the components or the parts of the machinery, including the bought outs which have become unserviceable due to any of the defects within a period of 12 (Twelve) months from the date of successful commissioning of the plant or 18 (Eighteen) months from the date of completion of the delivery whichever is earlier. If the tenderer is not complying with the above within a reasonable time, the Corporation shall have the option to rectify, repair or replace the defective parts / machinery after expiry of two weeks" notice and at the risk and cost of the tenderer.

16.0 TRANSPORTATION, INSURANCE& HANDLING AT SITE:

The transportation and insurance charges will be borne by the successful tenderer. All loading, unloading, transportation and storage at site will be done by the successful tenderer. Suitable covered space shall be provided by CCI for critical and other sensitive components free of charges. Storage insurance shall also be included in the successful tenderers scope.

17.0 a) TECHNICAL INFORMATION / DATA:

The tenderers are required to furnish the information particulars i.e. capacity, power in kw, material of construction & any other special parameters along with their tender.

17.0 b) SUBMISSION OF DRAWINGS / SCHEMES / TECHNICAL DOCUMENTS etc ..

Six (6) sets of complete descriptive catalogue, Dimensional General Arrangement Drawings, detailed parts list of each and every item are to be furnished by the successful tenderer to enable us to verify the items at the time of receipt & installation.

In 18.0 AWARD OF CONTRACT AND OTHER TERMS & CONDITIONS:

The Corporation reserves the right:-

- 01) To accept the sole and unfettered discretion any tender for whole or part quantities/part work or to reject any or all tenders without assigning any reasons thereof and without, entitling the tenderer to any claims whatsoever.
- 02) Firms which have failed to fulfill earlier contractual obligation may not be considered.

- 03) The parties who wish to quote for the Tender shall visit the Factory in working hours from (10 am to 5pm) on any working day & see the site condition, study before submitting the offer.
- 04) Electrical power supply will be provided by CCI as supplied by HPSEPL for machines like, Welding machines, hand lamps, drilling machines etc., free of cost. However same tools and tackles shall be arranged by Tenderer.
- 05) Accommodation for labours will be arranged by the Contractor / tenderer at his own cost. Accommodation for Staff will be arranged by M/s. CCI on chargeable basis subject to availability.
- 06) The lodging/boarding and transportation of the workmen shall be the responsibility of the Contractor / tenderer.
- 07) CCI will not be liable for any loss to the Contractor on account of non- availability of fronts or services due to reasons beyond control of the Corporation.
- 08) Contractors have to arrange required to wear safety shoes, safety helmets and PPE for your workmen engaged in the factory.
- 09) ESIC provision has to be adhered by the contractor & payment of ESI share to Govt., by the contractor timely & proof of the same has to be produced to CCI on monthly basis.
- 10) Mustering in & out of the contractors workforce shall be regulated as per the instructions of our personal security department.
- 11) The Contractor will also obtain Labour License from the relevant labour authority before starting the job at site as required under the Contract Labour (Regulation & Abolition) Act,1970 & Rules framed therein.
- 12) Contractors are fully responsible for discipline of your workmen inside the factory & lodging place.
- 13) After completion of the work, you have to clear the waste materials generated from the work spot. Otherwise, penalty will be imposed on you as per site conditions.
- 14) Before settlement of final payment, the Contractor has to deposit all the statutory records, registers, payment sheets, payment of compensation towards final payment to the labour and any other records with CCI after 03 months from the date of completion/termination of contract.
- 15) PAN No. under I.T. Act has to be furnished by the Contractor before release of 1st R.A. Bill payment by CCI. TDS will be deducted as applicable.
- 16) In case of any dispute, the findings of G.M.,CCI-Rajban shall be final and binding to all and in case of any dis-satisfaction with the decision of G.M.,CCI-Rajban, it will be subject to jurisdiction of Civil Courts, Rajban, Sirmour Dist., H.P. only.
- 17) A separate agreement on a non-judicial stamp paper has to be executed by the Contractor(s) to whom the work will be awarded on successful tenderer(s).
- 18) Tenderer are fully responsible for discipline of your workmen inside the factory & lodging place.
- 19) GST-TDS @ 2% will be deducted at source as TDS on GST.
- 20) The "Public Procurement (preference to make in India) Order 2017" issued by Department of Industrial Policy and Promotion (now Department for Promotion of Industry and Internal Trade, DPIIT), Ministry of Commerce and Industry, Government of India vide No - P-45021/2/2017-PP (B.E.-II) dated 15/06/2017, as amended from time to time and as applicable on the date of submission of tender, herein after referred as "PPPMII Order 2017" is applicable for participation in this tender. Accordingly, only those bidders eligible as per "PPP-MII Order 2017" shall be considered for this tender. The bidders may be submitted to upload relevant documents as per the "PPP-MII Order 2017" along with their bid to avail benefits of this Order.

ANNEXURE XII

**CEMENT CORPORATION OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
PART-IV**

TECHNICAL SPECIFICATIONS

Tender specifications for “**Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e Compressors, Bag Filter & its Supervision for successful Commissioning & Hooking up with existing system at CCI-Rajban**”.

Rajban cement Factory :

Rajban cement Factory (RCF) is situated at a distance of 10KM from Paonta sahib, Distt.Sirmour (HP) .Plant is well connected by Road with Uttar Pradesh, Haryana, Uttarakhand, Punjab, Chandigarh etc. It is 70KM from Yamuna Nagar (Haryana), 55 KM from Dehradun (Uttarakhand) and the nearest airport is Jolly grant is 85KM, near Dehradun.

Existing System:-

There are two cement silos of 3500 MT each for storing cement grade 53 and PPC respectively. There 12 cement extractions ports in each silo at the bottom of the silo. The cement from the silo comes to screw conveyor then to chain bucket elevator. This feeds to the packer’s hopper. From hopper it is coming to mechanical packer having 12 nozzles. Packer is being rotated by DC drive of 05 HP installed.

packer RC-12 Type Packers supplied by L&T are in operation having capacity of 60 TPH.

PRODUCT DATA :

Sl. No	Product Name	Fineness Blaine cm ² /gm	Bulk density	Temperature
1	OPC Cement (43/53)	2800-3400	1.2-1.4	80 to 100
2	PPC Cement	3200-3500	1.2-1.4	80 to 100

PACKAGING BAG DETAILS :

Sl. No	Filling weight kg	Empty bag weight	Bag Length	Bag width	Valve width	Valve depth	Bag material
1	50	70 gm – 75 gm	720 mm-750 mm	490 mm - 510 mm	9 cm - 10.5 cm	21 cm - 23 cm	HDPE with sufficient air permeability

As per IS 11652:2017 (whichever is latest edition/amendment)

2.0 PROPOSEDSYSTEM

The proposed system shall be designed after considering all the existing equipment capacity from Bucket Elevator to Packer Discharge Belt Conveyor.

2.1 SCOPE OFWORK

2.1.1 MECHANICAL

DESIGN,ENGINEERING , MANUFACTURING AND SUPPLY&SUPERVISION, COMMISSIONING ,HOOK UP AND TRIAL RUN OFPACKER CIRCUIT AS MENTIONED BELOW

1. Electronic packers -60 TPH with 6 spout single discharge.
2. Supporting frame for the Electronic Packer (party shall provide drawing)
3. Anchor bolts and frame for holding packer (party shall provide drawing)
4. Bin Manual cut off gate
5. All Dedusting and connecting piping set (party shall provide drawing)
6. Cement Feeding System incl. Bin aeration & Flow Control Gate
7. Bag discharge(Radial belt)
8. Bag de-dusting device with fan and connecting piping (party shall provide drawing)
9. On line bag printing machine with date, month and year.
10. Bag filter with fan
11. Rotary air lock for bag filter
12. Discharge chute from spillage hopper to bucket elevator -Drawing to be provided to the party.
13. Screw Compressor with compressor pipes 1 WORKING + 1 STANDBY (Pressure – 6 bar)
14. Dryer for compressed air.
- 15. Supervision of dismantling, erection and commissioning works of Electronic packer.**
16. Documentation for scope of supply equipments (2 sets)
17. Set of commissioning spares
18. Engineering General arrangement load data drawings
19. Electrical engineering drawings and New MCC
20. 2 year wearable spare parts
21. After commissioning of the project, the party has to depute its service engineer for training to operators for fifteen days for ensuring smooth running of the packer.
22. The party shall provide maintenance and spare parts for one year for ensuring smooth running of the packers.

Remarks :Compressor (Pressure – 6 bar) shall be installed for packer and one additional compressor as standby.

2.2.1 ELECTRICAL & INSTRUMENTATION:

CONTROL PANEL FOR THE ROTO – PACKER

Consisting of:

- 1 control cabinet of sheet – steel – enclosed design.
- Main switch, system of protection: IP 54
- Installed are the control and power part for:
- 1 ROTO packer's rotary drive
- 1 outgoing circuit, as feed line to the rotating part of the ROTO packer
- 1 flow control gate
- 1 bin level indicator for the control of the ROTO packer
- Compressed – air control for the ROTO Packer
- 1 bag discharge belt
- The control cabinet is wired ready for connection up to the connectors and checked for faultless function.

8.3 01 PUSH BUTTON STATION CWS

With on/off Switch for

- Packer Drive.
- Flow Control Gate.
- Discharge Belt Conveyor.
- Emergency Switch.

2.2.2 ELECTRICAL EQUIPMENT AND OTHER RELATED ITEMS:

1. All electrical in coming cables are in cci scope.

- i. The successful tenderer shall provide all the drawings, layouts and relevant data forgetting the statutory approval from the central electricity authorities as per rules is in bidder scope.
- ii. Motors having class — IE3 (Premium) as per IS: 12615 with IP55 enclosure and Totally Enclosed Fan Cooled (TEFC) shall be used. Insulation quality shall be class 'F' suitable for 3 phase supply voltage of 415 V + 10% and Frequency of 50 + 5% combined variation +/- 10% as per IS325. All motors including Geared Motors shall be of PBL, Elecon, Radicon, Radient, allenberry only should be of Cast Iron Body only. Aluminum body not acceptable. IS applicable — IS 4691, IS-12615, IS-325, IS-1231, IS-6362.
- iii. The proposed system is to be integrated with the existing electrical / instrumentation schemes and will be suitable for hook up with existing Relay logic system and tenderer has to provide necessary arrangement in its panel.
- iv. The MCC should be dust and vermin proof having 20% extra feeders with minimum one extra feeder for every Category. MCCs feeders should be provided with digital Ammeters. Incomer feeder should be provided with Volt meter & Ammeter of accuracy class 1.0, Energy meters should be of accuracy Class 0.5. For other feeders digital CT operator ammeters are to be provided with local and remote provisions. MCC Incomer should be provided with suitable Air Circuit Breaker with over current, earth fault, short circuit and under voltage protection.
- v. All MCC feeder shall have Power fuse, Power contractors, single phase preventing overload relay of Siemens / schnider/ ABB/L&T make.
- vi. All control drawing subject to approval from CCI Rajban After award of contract.
 - i. **Local Push button stations OF DUST AND VERMIN PROOF (IP-54) shall be provided for all the drives are in the scope of the supplier.**

- ii. The tenderer should inform the name of the agency in their techno commercial bid.
The equipment shall be designed for an auxiliary voltage of 220 volts AC.
- i) Unit doors shall be interlocked mechanically with isolator / fuse switch to prevent Unintentional opening of the door while unit is in energized condition. Means for defeating this interlock shall also be provided.
- viii) Padlocking arrangement shall be provided to permit locking of the isolator / fuseswitch in OFF position.
- ix) All modules shall be of the fully draw out types and with three distinct positions i.e. Service, Test and Isolated. A positive guiding system shall be provided for accurate alignment of power contacts and control contacts.
- x) The main power contacts shall be capable of with-standing a short circuit current of 50 kA.
- xi) LOTO system arrangement to be given for all the modules in the MCC.

2.3.1 TRIAL RUNS AND COMMISSIONING

- a) After the completion of erection work of mechanical, electrical and instrumentation equipment and getting completion certificate from CCI, the tenderer shall offer the entire system for trial runs and commissioning.
- b) The alignment of all the drives and the equipments shall be checked jointly and defects, if any, shall be rectified.
- c) After the erection but before the power supply is switched on, the insulation of all electrical equipment shall be tested by suitable instrument and any defect revealed shall be rectified.
- d) All the motors shall be run on no load with & without gear boxes at least for eight hours.
- e) On supply of power to the system, the following tests shall be carried out:
- f) The correctness of all the circuits, interlocks and sequence of operation including indications:
 - i) The satisfactory operation of all the protective devices
 - ii) Satisfactory operation of all the local push button (LPBs)
 - iii) Calibration of all the instruments.
- iv) After the successful no load trials /tests as indicated above, the defects observed, if any, shall be rectified before taking load trial.

2.4.1 EQUIPMENT DETAIL REQUIRED:

- 1) Electrical Motor of BHEL / SIEMENS/CROMPTON GREAVES/ BHARATBIJLEE/SEW/PBL/ ICBAUER
- 2) Gear box- Make: SIEMENS / LAXMI/ ELECON /NAW/ RADIANT/ GREAVES/FLENDER/SHANTHI GEARS/RADICON
- 3) Compressor make – Make : IR/ELGI/ATLAS COPCO/KIRLOSKAR
- 4) fan – as per the capacity design by the party – Make -REITZ/ LAXMI/ BATLIBOY/ ACCE/ RADIANT /FLS.
- 5) Discharge of fan to the suitable dust collector. Emission of the dust collector should not be more than 30 mg/nm³ to the atmosphere.

2.5 PERFORMANCE GUARANTEE TEST

A. Performance Guarantee Test for System as a whole

1. Packer should operate at its rated capacity for truck loading continuously for two hours per day for three days. If there will be any stoppage more than 30 minutes in between then whole process have to be repeated again.

The output rate of packer shall be 60TPH

The tenderer shall rectify the defects, if any, observed during the above test, and only after

The rectification of such defects test can be conducted further.

- 2.a) The average of consecutive twenty bags of same spout must be 50 kgs plus 150 gms of each spout
 - b) The weight each bag should be in range of 50kg to 50.150 kg . The ten consecutive bags from each spout shall be checked to verify this in electronic weighing machine at packing plant.
 - c) Mass weighment shall be checked at CCI weighbridge (80 Ton capacity) the tolerance of mass weight should be as per BIS norms.
In case party fails to achieve the desired results as per above party shall be allowed to correct the and adjust the packer after which a fresh P.G. Test repeated. With same protocol as given above.
 - d) Discharge of fan to the suitable dust collector. Emission of the dust collector should not be more than 30 mg/nm³ to the atmosphere.
3. In case party fails to achieve the desired results as per above, 15 days time shall be allowed to correct the and adjust the packer after which a fresh P.G. Test repeated with same protocol as given above.

4. (A)Penalty:

- I) **In case the results are achieved as per 2(b) above i.e. 50kg to 50.150 kg, P.G. test will be cleared.**
- II) **In case the results received for weight of bag is more than 50.150 kg, but less than 50.250 kg, the recovery shall be made @ rate of 2% of total contract value.**
- III) **In case the results received for weight of bag is more than 50.250 kg, but less than 50.500 kg, the recovery shall be made @ rate of 5% of total of contract value.**
- IV) **In case the results received for weight of bag is more than 50.500 kg party has to replace the packer.**

(B)Penalty:

- I) **The results achieved for Electronic packer machine of 60TPH P.G. test will be cleared.**
- II) **In case the results are in tonnage if less than 60 tph and more than 58 tph, then recovery shall be made @ rate of 2% of total contract value**
- III) **In case the results are in tonnage if less than 58 tph, then recovery shall be made @ rate of 5% of total contract value**

ANNEXURE - XIII



**Cement Corporation of India Limited
(A Govt. of India Enterprise)**

RajbanCement Factory, CCI-Rajban, SirmourDist, Himachal pradesh State, PIN -

NIT No.: RCF/MECH / ELECTRONIC PACKER/ 3078 /2023-24

Tender For “Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e. Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI- Rajban.

Sl. No.	PARTICULARS	Please fill all this from I to VII	Remarks
I	Name of the Firm		
II	Postal Address		
III	Contract No. With STD Code.		
IV	Fax with STD code.		
V	Name of Contract person		
VI	Mobile No.		
VII	e-mail ID		
	The following documents duly filled in, signed digitally and stamped are up-loaded on-line through www.cci-etender.com with in the period of submission		Remarks
1	Part I , Part II , Part III & IV tender documents duly stamped and signed on each page		
2	The scanned copy of covering letter (Annexure 1)		
3	Payment of EMD of Rs.1,30,000/- through e-payment as per clause No. 1.0 of Part-II General Terms and Condition acknowledgement slip.		
4	Submit MSME certificate In case the tenderer is MSME registered party.		
5	Integrity pact duly signed digitally & Stamped on each page in token of acceptance of the same in its entirety.(Available in CCI website)		
6	Copy of Partnership Deed / Memorandum of Article of Association by partnership firms / companies duly attested. In case of partnership deed, the same is registered / not registered.		
7	Scanned copy of the PAN card in the name of company. (In case of proprietary firm it can be in the name of the proprietor).		
8	Valid GST Registration No.		

9	Income Tax Return copy and Balance sheet for last 3 years		
10	Confirm acceptance of Security deposit clause of the Tender / enquiry in your techno commercial bid.		
11	Certificate whether any officer of your Corporations related to me / us or not (Annex 3)		
12	List of unexecuted order in hand as per Annex 4)		
13	Additional information to be furnished (Annex 5)		
14	Details of order executed during last 3 years (Annex 8). The copies of orders to fulfil the eligibility criteria are enclosed.		
15	Reference from the bankers indicating financial status of the company.		
16	Details of plant and machinery installed , Annexure - 6		
17	Annexure - 9		

PRICE BID PRO FORMA

“Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e. Compressors, Bag Filter& its Supervision for successful Commissioning& Hooking up with existing system at CCI- Rajban.

Price Bid For Electronic Packers & auxiliaries etc:

PART	Description	Basic	GST	Total	
				Figures	Word
PART-A	Design, Engineering, Manufacturing, Supply of Electronic packer of 60 TPH with 6 spouts along with other auxiliaries’ i.e. Compressors, Bag Filter etc.				
PART-B	Supervision charges for Erection, Hooking up with existing system and Commissioning of electronic packer On lumpsum				
Total					

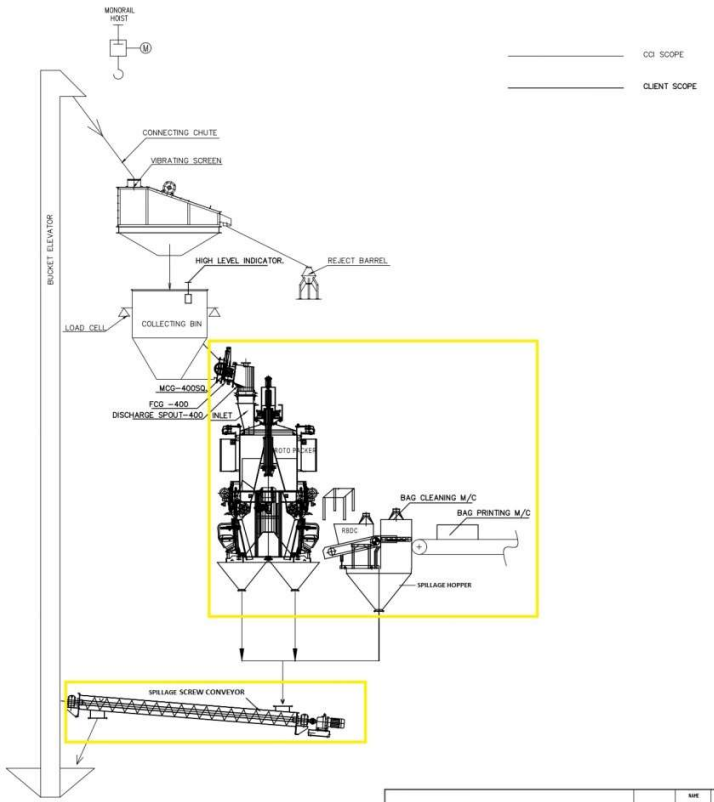
1. The lowest quoted (L-1) rates shall be evaluated on the basis of Total Value of Part-A & Part-B
2. The prices are to be quoted as per scope of work and special terms & condition.
3. Certified that the above rates have been given in accordance with the techno-commercial bid of the tender.

Date:-

Signature
With company's stamp
Name and designation

Yellow Colour Indicates clintes scope
 Rest of equipments are existing.

STANDBY COMPRESSOR - CLIENT SCOPE
 WORKING COMPRESSOR - CLIENT SCOPE
 DRYER - CLIENT SCOPE
 BAG FILTER - CLIENT SCOPE



1. ALL DIMENSIONS ARE IN MILLIMETERS
 2. ALL WEIGHTS IN KILOGRAMS
 3. EXCEPT ALL DIMENSIONS IN METERS
 4. ALL MATERIALS ARE AS PER IS/DIN/BS
 5. DIMENSIONS TO DIMENSION LINES
 6. UNLESS OTHERWISE SPECIFIED

S.N.	DESCRIPTION	QTY	UNIT	DATE

CCI RAJBAN		DATE	DATE
DESIGN	APPROVED	02.11.23	02.11.23
CHECKED	REVIEWED	02.11.23	02.11.23
APPROVED		02.11.23	
SCALE		PROJECT	
N.T.S.		PACKING PLANT	
# 00		ISSUE NO.	REV.
		CCI/RAJ/PK/02/0000000001	0

1.0 Public Procurement (Preference to Make in India):

1.1 The Procurement of goods and services under this tender will be regulated as per the applicable provisions of Public Procurement (Preference to Make in India), order 2017 of MoC&I (DIPP), Government of India and revised orders issued on 16.09.2020. As per said orders Bidders/Contractors are divided into three categories based on Local Content. Local content in the context of this policy is the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.:

- a) 'Class-I Local Supplier' with local content equal to or more than 50%.
- b) 'Class-II Local Supplier' with local content equal to or more than 20%, but less than that applicable for Class-I Local Supplier.
- c) 'Non - Local Supplier' with local content less than that applicable for Class-II local Supplier, in (b) above.

The 'Class-I Local Supplier'/ 'Class-II Local Supplier' at the time of bidding shall be required to indicate the percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I Local Supplier'/ 'Class-II Local Supplier', as the case may be. Bids with false declarations regarding Local contents shall be rejected as unresponsive, in addition to punitive actions under the MII orders and for violating the Code of Integrity as per the Tender Document. Bidders have to submit self-declaration of their local content and their status as Class-I/ ClassII/ Non-local Supplier and their eligibility to participate in this tender. If a Bidder is claiming exemption (as obtained from relevant authorities) from meeting the stipulated local content on account of manufacturing the product in India under a license from a foreign manufacturer with the precise phasing of increase in local content, he must provide proof thereof.

1.2 Purchase preference as per Make in India will be exercised as follows:

(a) If the Goods are Not Divisible in nature:

Among all qualified bids, the lowest bid shall be termed as L-1. If L-1 is 'Class-I Local Supplier' (Under MII clause at 1.12.1), the contract shall be awarded to L-1.

If L-1 is not 'Class-I Local Supplier', the lowest bidder among the 'Class-I Local Supplier' shall be invited to match the L-1 price subject to Class-I Local Supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I Local Supplier' subject to matching the L-1 price.

If such lowest eligible 'Class-I local Supplier' fails to match the L-1 price, the 'Class-I local Supplier' with the next higher and so on, bid within the margin of purchase preference shall be invited to match the L-1 price, and the contract shall be awarded accordingly. If none of the 'Class-I local Supplier' within the margin of purchase preference matches the L-1 price, the contract shall be awarded to the L-1 bidder.

(b) If the Goods are Divisible in nature:

Among all qualified bids, the lowest bid shall be termed as L-1.

If L-1 is 'Class-I local Supplier', the contract for full quantity shall be awarded to L-1. If the L-1 bid is not a 'Class-I local Supplier', 50% of the order quantity shall be awarded to L1. After that, the lowest bidder among the 'Class-I local Supplier' whose quoted price falls within the margin of purchase preference shall be invited to match the L-1 price for the remaining 50% quantity, and a contract for that quantity shall be awarded to him, subject to matching the L-1 price. In case such lowest eligible 'Class-I local Supplier' fails to match the L-1 price or accepts less than the offered quantity, the next higher 'Class-I local Supplier' within the margin of purchase preference shall be invited to match the L-1 price for the remaining quantity and so on, and the contract shall be awarded accordingly. If some quantity is still left uncovered on Class-I local Suppliers, such balance quantity shall also be ordered on the L-1 bidder.

(c) Where contract is to be awarded to multiple bidders:

In Bids where contracts are to be awarded to multiple bidders subject to matching of L-1 rates or otherwise, the 'Class-I Local Supplier' shall get purchase preference over 'Class-II Local Supplier' as well as 'Non-Local Supplier', as per following procedure:

If there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I Local Suppliers shall be eligible to bid. As such, the multiple Contractors, who would be awarded the contract, should be all and only 'Class I Local Suppliers'.

In Bids, other than the sufficient local capacity and competition for the item to be procured, 'Class II local Suppliers' or both 'Class II local Suppliers' and 'Nonlocal Suppliers' may also participate in the tender process along with 'Class I Local Suppliers'.

If 'Class I Local Suppliers' qualify for the contract award for at least 50% of the tendered quantity in tender, the contract shall be awarded to all the qualified bidders as per award criteria stipulated in the Tender Documents. However, in case 'Class I Local Suppliers' do not qualify for the award of contract for at least 50% of the tendered quantity as per award criteria, purchase preference should be given to the 'Class I local Supplier' over 'Class II Local Suppliers' / 'Non-local Suppliers' provided that their quoted rate falls within the margin of purchase preference of the highest bid considered for award of contract. To ensure that the 'Class I Local Suppliers' taken in totality are considered for award of contract for at least 50% of the tendered quantity.

First purchase preference has to be given to the lowest among such eligible 'Class-I local Suppliers', subject to its meeting the prescribed criteria for the award of contract as also the constraint of the maximum quantity that can be sourced from any single Contractor. If the lowest among such 'Class-I local Suppliers' does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity shall be given to next higher among such 'Class-I local Supplier', and so on.

To avoid any ambiguity during bid evaluation process, the procuring entity may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I Local supplier' within the broad policy guidelines.