CEMENT CORPORATION OF INDIA LIMITED
TANDUR CEMENT FACTORY
P.O CCI TANDUR- 501158, VKB Distt, TELANGANA
CIN No. U74899DL1965GOI004322

Phone: 08411-247221 E-Mail: mm_tdo@cciltd.in, miningccitandur@gmail.com
Fax : 08411-247243 Website: www.cciltd.in

NIT No: TCF/MINES/SEISMOGRAPH/26-27 **Dated: 04.10.2026**

NOTICE INVITING E-TENDER (NIT)

Online electronic bids through Electronic Tendering System (ETS) are invited from Manufacturers & Dealers having adequate experience for: **SUPPLY OF SEISMOGRAPH FOR MEASURING BLAST INDUCED GROUND VIBRATION AND NOISE DURING BLASTING OPERATIONS.**

The complete set of Tender documents is available on websites www.cciltd.in, and www.gem.gov.in

E-TENDER No.	**TCF/MINES/SEISMOGRAPH/2026-27**
MODE OF TENDER	e-Procurement System (Online Techno-Commercial Bid and Price Bid) through www.etenders.gov.in/eprocure/app
Date of NIT available to parties to download	**From 05.10.2026 (10.00 hrs.)** **Till 20.10.2026 (15.00 hrs.)**
Last date of submission of EMD, valid SSI/NSIC/MSME certificate and other documents required as per tender Terms & Conditions under covering letter	**20.10.2026 (10:00 hrs.)**
Date of Starting of e-Tender for submission of on line Techno-Commercial Bid and Price Bid at www.etenders.gov.in/eprocure/app	**From 05.10.2026 (15:00 hrs.)** **Till 20.10.2026 (15:00 hrs.)**
Date & time of opening of Bids (i.e. Techno-Commercial Bid and Price Bid)	**21.10.2026 at 15.30 hrs.**
Validity of bids	120 days from the date of the Techno- commercial bid opening.

IMPORTANT INSTRUCTIONS FOR E-PROCUREMENT

This is an e-procurement event of Cement Corporation of India. 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) **Process of E-Tender:**

Registration:

The process involves vendor's registration with www.etenders.gov.in/eprocure/app. 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.(Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE PRICE BID AND THE TECHNO-COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT National Public Procurement Portal

Vendors are required to register themselves online with National Public Procurement Portal.
Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

Contact person (Cement Corporation of India):

Name	**Email**	Mobile
C. Amit Joseph, HOD (MM)	**mm_tdo@cciltd.in**	8712620480
Manish Kumar shukla ,Sr.Mgr (mines)	**mines_tdo@cciltd.in/miningccitandur@gmail.com**	8712620470/ 8712620474
S. Alam, HOD (M&CS)	**mirstandur@gmail.com**	8712620443

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

THE VENDORS ARE ADVISED TO GO THROUGH THE 'CONTACT US' AT National Public Procurement Portal FOR GENERAL GUIDANCE ABOUT TENDER PROCESS

02) **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.

Price bid will be opened electronically of only those bidder(s) who's Techno-Commercial Bid is found to be Techno-Commercially acceptable by CCI. Such bidder(s) will be intimated date of opening of Price bid, through valid email confirmed by them.

NOTE:

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.

03)	All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
04)	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. Vendors are instructed to upload documents in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB. Once documents are uploaded in the library, vendors can attach documents through Attach Document link against the particular tender. For further assistance please follow instructions of Vendor Help Manual
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 CPP Portal (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)	Bidding in e-tender: a) 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. b) The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid is explained in Help Manual. 1) In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid. 2) During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else. c) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above. 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 SUPPLIE 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. 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. 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.
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 National Public Procurement 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 National Public Procurement Portal to familiarize themselves with the system before bidding.

For and on behalf of CCI Ltd,

HOD (MINES)

Notice Inviting Tender (NIT)

1.	Tender No.	**TCF/MINES/SEISMOGRAPH/2026-27**
2.	Type of tender	National Open tender-Open only to Indian Bidders under Two Bid System
3.	Description of Material/Quantity	Procurement of 01No.of Seismograph for measuring Blast Induced Ground Vibration & Noise This tender is for the supply of 01 Nos. of Seismographs for the following mentioned plant/MINE within ONE month of issue of purchase order. The procurement shall be on overall Lowest basis considering all the items as a whole together. The details of the plant/mine and the quantity of seismograph to be delivered are enclosed in Annexure "A" to this NIT Bid.
4.	Time schedule	Within 45 Days from the date of issue of Purchase Order/W.O.
5.	Reverse Auction	Not Applicable
6.	**Tender Requirements/Details**	
a	Tender items are split able	NOT Applicable
b	Evaluation Criteria	Overall Lowest (L-1) considering all items together including GST.
c	Eligibility to Participate	The following entities may participate a) Sole Bidder: Individual (Proprietorship) /Partnership/Company b) Indian wholly owned subsidiary of a foreign or Indian company on the strength of its parent company c) Indian company on strength of its wholly owned Indian or foreign subsidiary.

d	Purchase Preference allowed in the tender	MSE Preference – 25% of tendered quantity will be offered to MSEs within margin of purchase preference (L1 +15%) subject to matching L1 rates. In case of more than 1(one) MSEs within a price band of L1+15 percent, quantity shall be split equally among all parties agreeing to match L1 rates. MII Preference – Applicable CCI LTD reserves the right to allow purchase Preference to MSEs, local suppliers etc. as per extant Govt. policies and to JV companies as per CCI LTD policy.

7.	**Important/Critical Dates for Tender-**	
a)	Tender Publish Date/Tender Download start date, Pre-bid meeting, Online bid Submission Closing Date & Time, Techno- commercial tender opening date	As per Tender document
b)	Bid Validity	120 days from the date of opening of Techno Commercial bid
8.	**Pre-qualification Criteria(PQC)** The intending tenderers shall have to furnish proof of their pre-qualification and experience along with the Part-I (Techno-commercial bid).	
9.	**Acceptability of Credentials**	The credentials against PQC of only the bidding entity will be considered.
a)	Value of **<u>Work Experience</u>**: For experience, the order(s) executed by the bidder, during the last five years ending on The last day of the month immediately preceding the month in which the last date of bid submission falls, should be considered as under: (Note: Work experience value should be inclusive of taxes and freight)	The bidder needs to submit self-attested Copies of PO along with proof of execution As mentioned below. The bidder shall be a supplier of the Seismographs and executed the supply against Purchase Order(s) during last 3 (Three) years upto the last day of the month previous to the one in which tenders are being invited. The bidders shall submit Copy of purchase Orders along with Completion Certificates as documentary Evidence for the values stated below. Average annual financial turn over during last three years ending 31st March of previous financial year should be **Rs. 1,78,800**
10	Relaxations in PQC and Other Conditions for Start-ups and MSEs	Not Applicable as the subject procurement is critical in nature. This shall supersede otherwise mentioned elsewhere in the tender document.

11. **Additional Pre-qualification Criteria(if any):**

i. The bidder shall be an authorized Indian manufacturer/Sole Distributor. In case of Foreign based OEMs Original Equipment (Manufacturer) of The Seismograph offered.

ii. Against the tender. Bidder shall upload valid Documents in support of exclusive authorization from the OEM for Participation against tenders floated in India.

iii. The Seismograph offered shall conform to the Specifications (**Attached as Annexure to the Technical Specification**) mentioned In the tender document and Acceptance of the same is mandatory Along with the offer

iv. Vibration Data Analysis Modular Software for the product offered should have upgrade facility with compliance Graphs of DGMS (Indian Standard), besides Modules for analysis of scaled.

v. Distance and FFT frequency. Event Reports generated shall reflect Permissible vibration standards for various structures prescribed by DGMS.

vi. The Bidders / Foreign based OEMs (Original Equipment Manufacturer) should have the following for the offered Seismograph in India. Authorized Service center for maintenance and supply of spares Calibration facility recognized/ certified by any of the research institute **under Govt. of India** for Calibration.

vii. **The bidder is required to upload compliance of technical specification in the format as attached in Part III, Annexure "III" to NIT, in their firm letter head for the quoted product. Please note that these technical specifications in Part III, Annexure "III" are actual specifications for the products and will override the specifications of catalogue selected in during bid creation.**

12	Net Worth	Not applicable
13	**Other Important Tender Conditions**	
a.	**Earnest Money Deposit (EMD)**	**Rs.11,920/- by way of RTGS transfer**
b.	Security deposit or Performance Bank Guarantee/DD	5% of PO value shall be furnished within 30 days of Purchase order. (This PBG/DD shall be valid for 12 months from the date of Purchase Order.)
c.	Integrity pact	Applicable as CCI GTC
d.	Mode of submission	Offer must be uploaded on CPP Portal before the last date & time of submission of tender. Offer submitted using any other mode will not be accepted.
14	**Technical/Delivery Requirements**	
a.	Price Basis (In co terms)	As per tender document

b.	Delivery period	Unless otherwise specified in purchase order, quantity of materials shall be delivered to consignee location by Vendor Not later than 45 Days from the date of Purchase Order.
c.	Transit insurance	Inclusive in the scope of the supplier if applicable
d.	Dispatch Instructions	As per specifications
e.	Payments terms	The tenderer shall submit the bill/invoice along with requisite documents at mining department after delivering of goods at Consignee Plant/Mine.Payment will be released within 30 days from the date of receipt of material by NEFT/RTGS.
f.	Quoted price	Quoted price in the portal shall be excluding of GST, training charges, Freight and Packing & Forwarding charges and transit insurance if applicable.
g.	Pre-bid Meeting	NA
15	**Other requirement/Conditions**	
	1. The bidder shall upload legible scanned copy of necessary documents in support of required qualification and experience along with their offer as per instruction given in the Instructions to Bidders participating in tender. 2. CCI LTD reserves the right of annulment of tender without assigning any reasons whatsoever. No compensation shall be paid for the efforts made by the bidder. 3. Legal dispute, if any, shall only be within the jurisdiction of Vikarabad Court unless mentioned otherwise. 4. Bidders are advised to visit CCI Website and CPP Portal before bidding	
16	Tender Inviting Authority (TIA)	HOD(Mining) Cement Corporation of India Limited, Tandur Cement Factory Dist-Vikarabad, Telangana
18	Contact Details:	Phone No.: 8712620428/8712620474 Emai ID : miningccitandur@gmail.com

List of Annexures:

The tender document comprise of following:-

Annexure- I	Covering letter, Part-I Instruction to tenderers, Part-II General terms & conditions, Integrity Pact which is available in CCI website must be submitted by tenderer duly filled in and sign &stamp.
Annexure- II	Part-III Special Terms and Conditions.
Annexure- III	Technical specifications.
Annexure- IV	Techno Commercial bid to be submitted duly filled in online.
Annexure- V	Price Bid Proforma (Price Schedule) to be submitted duly filled in on-line.

Tenderer must visit CCI website for Part-I &II and submit the same along with the Annexure 1to 9, Part-I & Part-II and their annexure are part of this tender, tenderer must sign & Stamp and upload online along with techno- commercial bid of the tender. Part-I& II is available in English as well in Hindi in website for better understanding, however, in case of any contradiction In Hindi & English version, English version shall prevail.

Annexure "A" to NIT

1. Supply of 1no. Seismograph delivery at Cement Corporation of India Limited plant/Mine as given below:

Sl. No.	Name of Unit/ Address	Location	GST No.	No of Units	Contact Details
1	Cement Corporation Ltd. Tandur Cement Factory, Village-Karankote, P.O.CCI Township , P.S. Karankote, Dist-Vikarabad, Telangana, Pin-501158	14 KM from Tandur Railway Station	**36AAACC0949B1Z5**	1	Mr. Suresh Maddala Mobile-8712620474

GENERAL INSTRUCTIONS

01) **Payment**: As per Part –III (Special Terms & Conditions)

02) Please indicate your GST number and Pan Card number

03) **EARNEST MONEY DEPOSIT**: Rs.**11,920**/- by way of RTGS transfer.
Account No **: 62017406489**
IFSC **: SBIN0020446**
Bank Name **: State Bank of India**

04) **SECURITY DEPOSIT/PGB** : 5% of PO/W.O Value in form Bank Guarantee(B.G)/DD in the name CCI .The B.G Format will be provide after placing of PO/WO.

05) **DELAYED DELIVERY - CLAUSE**:

(a) If the value of order is </=Rs.10.0 Lakhs or duration is </=3 months then L.D is to be recovered 0.5% per week or part thereof, subject to maximum limit of 10% of the total value of the order.
(b) If the value of order is > Rs.10. lakhs or duration is >3 months L.D is to be recovered is 0.5% per fortnight or part thereof, subject to maximum limit of 5% of the total value of the order.
(c) CCI reserves the right to extend completion time for reasons beyond the control of bidder.

06) **ARBITRATION** : In the event of failure in execution of total contract/part of contract or any dispute for the value exceeds Rs.50,000/- case will be referred to Arbitration as per Indian Arbitration Act. Arbitrator to be appointed by C & M D of CCI.

The Dispute resolution as per new Additional GTC clause No.10 also applicable.

07) **JURISDICTION** : Vikarabad District (TS) Civil Courts.

08) Our Corporation reserves the right to cancel or accept or reject any offer or tender the same without giving any reason or justification.

09) Clubbing of offers against more than ONE (01) enquiry is not allowed such offers will be rejected.

10) The rates accepted shall remain firm during the tenure of this contract and no increase will be allowed on this account whatsoever it may be.

11) The work will be awarded on over all L-1 basis.

12) PRICES: FOR destination up to CCI-Karankote, Tandur Cement Facory on door delivery basis.

14) Item shall comply energy efficiency norms as per ISO 50001:2018

15) DELIVERY: **45 days** from the date of order.

16) Please furnish GST percentage, GSTIN & HSN Code of the material in the offer.

17) Confirm prices are as applicable to Govt. Public – Sectors.

18) PAYMENT: 100% excluding GST within 30 days. (After real time demonstration).GST will be reimbursed on the basis of payment & GSTR-2B report.

19) Transit insurance to be arranged by the Consignor/Supplier if applicable.

20) Prices shall be firm till the completion of supplies.

21) Please indicate your GST No, in the absence of this information your firm will be treated as a Un-registered firm and your prices will be loaded accordingly.

22) RISK PURCHASE CLAUSE: In the event of delay in supplies or failure to supply the material, we may resort to the procurement of material from elsewhere at your risk and cost.

23) Our Corporation reserves the right to cancel or accept or reject any offer or tender without giving any reason or justification.

24) The bidders do not have any claim on the award of Work order/ Supply order.

25) Individual offer should be given for each enquiry. Clubbing of offers against more than ONE enquiry is not allowed and such offers will be rejected.

26) GUARANTEE AND WARRANTY: The material offered against this tender has to be guaranteed for satisfactory working for a period of 18 months from the date of supply or 12 months from the date of installation, Whichever is earlier..

27) Relevant PO Copies executed in the last 3 years to be submitted.

28) PAYING AUTHORITY: H.O.D.(FINANCE) – TANDUR CEMENT FACTORY, TANDUR-TS.

29) SAFETY PROCEDURES AND PRACTICES: As applicable

30) RULE AND REGULATIONS: As applicable.

31) Preference to Making In India (MII) clause: - As applicable

CEMENT CORPORATION OF INDIA LIMITED
CCI TANDUR- 501 158, Vikarabad District (TS)

CHECK LIST FOR SUBMITTING THE OFFER

01) Techno commercial bid.

02) The price Bid

03) Annexure with enclosures.

04) EMD Rupees Rs.11,920/- through gate way payment (RTGS or online Mode).

05) Copy of GST registration

06) Registration of suppliers, if applicable.

07) Pan Number, GST Number and Registration number of firm etc.

08) No Payment terms and conditions in offer should be quoted/indicated. Being Government Company no advance payment is possible hence payment terms without any advance payment.

09) Confirm action of Bank Guarantee/warranty clause of the tender /enquiry and annexure itself.

10) No conditions should be written and/or indicated in the conditions.

11) Confirm acceptance of Security deposit clause of the Tender/enquiry in your techno-commercial offer.

12) Tender documents covering note, Terms and Condition Part-I, II & III, GTC, Annexure I- IX duly signed and stamped as a token of acceptance.(Tenderer must visit CCI website www.cciltd.in for Part-I &II and submit the same along with the Annexure 1to 9, Part-I & Part-II and their annexure are part of this tender, tenderer must sign and upload online along with techno- commercial bid of the tender.)

Annexure-II

PART-III: SPECIAL TERMS AND CONDITIONS:-

This tender contains Part-I and Part-II general terms and conditions, part-III special terms and conditions technical specifications, Part-IV techno commercial bid, Part-V Price bid. Please read the part-I (Instructions to tenderers), Part-II (General terms & conditions) available on tender portal of www.cciltd.in and part-III (Special terms & conditions) and Part-IV (Technical specifications) of this tender and submit declaration letter (annexure-9),Preference to make in India (1&2) in letter head duly signed and stamped in letter head of having read and understood the GTC along with annexure 1 to 9 & MII Annexure-1&2.

1.0 SCOPE OF SUPPLY:

Technical Specifications of 01 No. of Seismographs for measuring Blast Induced Ground Vibration & Noise during blasting operations at mines to be supplied are as below :(**Annexure –III**)

Mini Supergraph II / Technical Specifications

Seismic:		
• Monitoring with Standard Triaxial Geophone		
• Range	:	**0.127 - 260.096 mm/s - Standard**
• Maximum Resolution	:	**0.00078mm/s @ 16-bit accuracy**
• Accuracy	:	**+/- 3%**
• Tranducer Density	:	**1.73 g/cc**
• Frequency Response	:	**2 - 400 Hz (1Hz optional)**
Sound:		
• Weighting Scales	:	**Linear (flat)**
• Linear Range	:	**82-148dB**
• Linear Resolution	:	**0.015625 Pa @ 16-bit accuracy**
• Linear Accuracy	:	**+/- 1dB or +/- 10% whichever is greater**
• Linear Frequency Response	:	**2 - 400Hz**
Waveform Recorded Data:		
• Record Modes	:	**Waveform, Combo & Manual**
• Seismic Trigger Range	:	**0.254 - 260.096mm/s, no trigger other level optional**
• Sound Trigger Range (Linear)	:	**92 - 148dB, no trigger (other levels optional)**
• Sample Rate	:	**1024 - 16384 Standard, higher rates optional**
• Record Time	:	**Up to 895 seconds**
• Cycle Time	:	**No wait time in between events**
• Storage Capacity:		**65k one second events standard @ 1024 samples/s**
Bar Graph Data:		
• Record Modes	:	**Bar Graph (Histogram)**
• LCD readings	:	**Real time update 1-60 seconds**
• Bar Recording Interval	:	**1,10,20,30,40,50,60 seconds**
• Summary Interval	:	**5,15,30 minutes, 1,2,4,8,12 hours**
• Summary Data	:	**Peak R,T,V + Sound & Frequencies for each**
Physical Specifications		
• Dimensions	:	**152 x 108 x 76 mm**
• Weight	:	**1.9 kgs**
• Battery	:	**Up to 7 days duration per recharge (monitor mode)**
• Display - LCD	:	**8 lines x 21 characters w/backlight**
• PC Interface	:	**RS-232 & additional 15 pin auxilary connector / USB**
• Auxilary Inputs & Outputs	:	**External trigger & remote alarm**
• Operating Temperature	:	**-8 to 50° C**
• Remote Communications	:	**Full function RS-232 port, compatible with telephone, GSM, satellite, RF**
• Warranty	:	**1 years parts & labor**

Accessories:

1. Seismograph unit
2. Transducer
3. Sturdy plastic, watertight carrying case
4. USB cable to PC cable
5. Microphone
6. USB to thumb drive cable
7. Microphone holder
8. Ground spikes
9. Microphone mast
10. Charger cable
11. Microphone wind screen
12. Super Graphics software Pen drive

1.1 ADDITIONAL SPECIFICATION PARAMETERS:	
Specification Parameter Name	**Bid Requirement (Allowed Values)**
Weight of Monitoring Unit:	2 kg (or lighter)
Output from software including fully configured Hardware	Blast Compliance report on DGMS (Indian Standard),CIMFR(formerly CMRI)permissible Vibration standards. Regression and Scaled Distance Analysis Software
Calibration facility	Calibration facility based in India should be available in Government funded Institutes.
Online Training facility/ Any Difficulty	Online Training Facility

Note: - Bidders are required to acknowledge and upload the above technical specifications on their firm's letterhead. In the event of non-compliance with the above technical specifications, the bids will be subject to rejection.

1.2 Features :

- Sample rates up to 16k samples per second
- USB connectivity for downloading events to PC
- Thumb Drive with event synchronization
- Standard event memory storage for up to 65k events
- Self trigger (waveform), Bar Graph and Combo modes standard
- Smart Sensor technology included
- All results displayed on one LCD screen with back light
- Included software for automatic downloading & emailing of data (modem required).
- Unique option to name and save setup information
- No wait time between events so consecutive events are not missed
- Quick and easy setup procedures
- Complies with current ISEE seismograph standards
- 1-year warranty on parts and labor

(OR)

General Specifications

Channels	Microphone and Triaxial Geophone (ISEE)
Geophone	
Range	Up to 254 mm/s (10 in/s)
Response Standard	ISEE Seismograph Specification
Resolution	0.00788 mm/s (0.00031 in/s)
Frequency Range (ISEE)	2 to 250 Hz, within zero to -3 dB of an ideal flat response / 1 to 315 Hz
Accuracy (ISEE)	+/- 5% or 0.5 mm/s (0.02 in/s), whichever is larger, between 4 and 125 Hz Standard
Transducer Density	2.2 g/cc (137 lbs/ft^3)
Maximum Cable Length (ISEE)	2 m cable standard
Microphone (Sold separately)	**ISEE Linear Microphone**
Weighting Scales	ISEE Linear Microphone
Response Standard	ISEE Seismograph Specification (2011)
Range	2 to 500 Pa (0.00029-0.0725 psi [88 to 148 dB])
Resolution	0.0156 Pa (2.2662x10^{-6} psi)
Frequency Response	2 to 250 Hz between -3 dB roll off points
Accuracy	+/- 10% or +/- 1dB, whichever is larger, between 4 and 125 Hz
Maximum Cable Length	2 m cable standard

Waveform Recording

Record Modes	Waveform, Waveform Manual
Seismic Trigger	0.13 to 254 mm/s (0.005 to 10 in/s)
Linear Acoustic Trigger	2.0 to 500 Pa (100 to 148 dB)
Sample Rate	1,024, 2,048, 4,096 S/s per channel (independent of record time)
Record Stop Mode	Fixed record time, **Instantel Auto Record™** record stop mode
Record Time	1 to 90 seconds (programmable in one-second steps) plus a pre-trigger at 0.25, 0.50, 0.75, or 1.0 second
Auto Record	Event is recorded until activity remains below trigger level for duration of auto window, or until available
Time	memory is filled
	Recording uninterrupted by event processing, monitoring, or communication - zero dead time
Cycle Time	
Storage Capacity	4,000, 1 second events at 2,048 S/s sample rate (memory upgrade optional)
Full Waveform Events	

Histogram Recording

Record Modes	Histogram and **Instantel Histogram Combo™** (monitor captures triggered waveforms while recording in Histogram mode)
Recording Interval	2 to 30 seconds in 1 second increments, and 30 seconds to 30 minutes in 30 second increments
Histogram Storage Capacity	Approximately 220,000 intervals. Examples: 5 days at 2 second intervals, or 150 days at 1 minute
Histogram Combo Storage Capacity	Example: 30 Days of Histogram recording at 1 minute intervals, and over 900 1 second waveform events

Physical Specifications

Dimensions	101.6 x 135.1 x 44.5 mm (4.15 x 5.32 x 1.75 in)
Weight	0.5 kg (1.1 lbs.)
Battery	10 day rechargeable lithium ion (optional 15 day battery upgrade available)
User Interface	10 domed tactile keys, color touch screen, and full display keyboard with dedicated icons for common functions
Display	QVGA, 320 x 240 color touch screen
Printer (sold separately)	Precision high-resolution
PC Interface	USB
Environmental	
LCD Operating Temperature	-10 to 55^{0}C (14 to 131^{0}F)
Operating Temperature Supporting USB Sensors	-40 to 45^{0}C (-40 to 113^{0}F)
Operating Temperature Without USB Sensors	-40 to 55^{0}C (-40 to 131^{0}F) *NOTE: LCD screen saver must be enabled and set to a maximum time out of 2 minutes.
Electrical Standard	CE Class B - The Micromate has been tested and passed IEC (CB scheme test report available) 61010-1

Range of Applications:

- Blast monitoring for compliance
- Near field monitoring
- Sound monitoring
- Pile driving
- Compaction
- Construction activity
- Dynamic compaction monitoring
- Demolition activity
- Heavy transportation
- Environmental monitoring
- Tunnel and subway monitoring
- Bridge monitoring
- Structural monitoring and analysis

Monitoring Redefined

With **Micromate**, Instantel has redefined industry standards for functionality and ease of use. **Micromate** provides reliable regulatory compliance monitoring with an ISEE Triaxial Geophone and ISEE Linear Microphone. Small enough to fit in your hand, **Micro- mate** is the first monitor in the industry to provide a touch screen interface. Support of USB 2.0 allows use of memory sticks and approved external devices such as USB hubs, modems, printers and GPS (sold sepa- rately). Ruggedness and reliability are the cornerstone attributes of Instantel products.

Communications

Micromate supports USB 2.0 on both the host and device ports, operating up to 12 MB/s. External memory sticks, an Instantel compatible printer, modem and a host of optional USB peripherals (sold separately) are supported. Supported peripherals are automatically identified when connected, and associated commands and functions are made available (in much the same manner that you are accustomed to with your laptop and computer). Micromate supports Instantel's **AutoCall Home™** feature; when an event occurs the event is immediately captured and is automatically transmitted to your computer (there is no need to prompt the unit to transmit data). Event data can also be sent to Vision™, Instantel's cloud-based data hosting application automatically.

Easy to Use

With the use of a color touch screen and icon based user interface, Instantel sets a new industry standard for efficiency and ease of use. A key pad compliments the user interface. Whether you prefer touch screens, key pads, or a combination of both, you'll find the Micromate intuitive to use and easy to learn. A full display touch screen keyboard makes entry of data and notes convenient and easy. Of course, the unit can be interfaced to a laptop or computer as well. Connectors are color coded for easy identification and installation.

Saving Events

Events and unit settings are saved in a reliable on-board, non-volatile memory with ample storage capacity for most applications and up to 4,000 events (with additional optional memory capacity available). Data can be transferred for off-unit storage or off-unit data manipulation to a computer or laptop via the convenient USB interface or via use of a compatible modem. Data retrieval can be as simple as copying events to an external USB memory stick (no laptop or computer is required).



Rugged and Reliable

Simply put, the Micromate is built to last. It's built to be reliable, every day and all day – for years! The base unit comes with a fully sealed top panel, non-corrosive industrial grade connectors and fully sealed electronics. The base unit housing and connectors provide a water resistant seal. The custom molded housings for the geophone and base unit are made of superior impact polycarbonate. An optional protective "boot" complete with faceplate provides the highest level of durability and ruggedness available in Instantel's product line.

Key Features

- USB 2.0 with Host and Device support
- USB support for memory sticks, and Instantel compatible field printer (sold separately)
- Synchronizes Class 1 noise monitoring and vibration data on the same monitoring unit
- Large, high resolution, color graphics touch screen. Easy to read and navigate menu structure
- Context Sensitive Icons: Icons are only shown if they are relevant to what you are doing
- Short Cut Icons: Fast, one touch access to the most commonly used features
- Integrated Keypad: Large 10-key interface with dedicated function keys
- Supports Instantel's **Auto Call Home**
- Monitor Scheduler: Assign different setup files, scheduled self-checks, scheduled Auto Call Home times and when to start and stop monitoring
- Small enough to be hand-held
- Rugged and reliable: Field rugged and durable design with a fully sealed top panel, non–corrosive connectors, and sealed electronics to enhance water resistance
- Storage capacity for 4,000 events (additional capacity optional)
- Printer for immediate in-field printing of reports (sold separately)
- 10-day battery life (standard), 15 days (optional)
- 1year warranty

2.0 TRANSPORTATION AND FREIGHT:

Bidder is responsible for safe delivery of supply of 01 no **SEISMOGRAPH FOR MEASURING BLAST INDUCED GROUND VIBRATION along with accessories** etc. to factory address given below in well and good condition. Final inspection will be carried out after receiving the seismograph at Factory premises and based on that it will be accepted.

CEMENT CORPORATION OF INDIA LIMITED

TANDUR CEMENT FACTORY

P.O CCI TANDUR- 501158, VKB Distt, TELANGANA

Bidder will be responsible for safe delivery of the material/Seismograph equipment along with accessories. Any transit losses/damage of the material/Seismograph equipment along with accessories shall be borne by the supplier.

3.0 REJECTION & REPLACEMENT:

In the event of the material/part found defective during inspection or guarantee period the same shall be rejected. The supplier shall undertake to replace the rejected material/Seismograph equipment with accessories etc. fixed at his own cost at CCI Tandur site.

4.0 WARRANTY:

The complete Seismograph along with accessories etc. shall be guaranteed for any manufacturing defect or any other defect for a period 12(Twelve) months from the date of delivery and acceptance at CCI,Tandur. Any component found defective should be replaced free of cost within guaranteed period including transportation cost. In addition to that all other guarantee/warrantee shall be applicable. Overall responsibility lies with the bidder.

5.0 PAYMENT TERMS: 100% excluding GST within 30 days. (After real time demonstration).GST

Will be reimbursed on the basis of payment & GSTR-2B report.

6.0 Calibration Certification: To be provided in supplier scope.

7.0 **Difficulties/Rectification:** While using any difficulties and rectification by supplier at free of cost Within warranty period.

F02 (PUR-P-02)

CEMENT CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
AN ISO 9001:2008 CERTIFIED COMPANY
TANDUR CEMENT FACTORY
PO: CCI-TANDUR - 501 158,
VIKARABAD Dist., (Telangana State)

Phone No.: 08411-247221
Fax No. : 08411-247243
GSTIN No.: 36AAACC0949B1Z5
CIN: U74899DL1965GOI004322
ECC No.: AAA CC 0949 BXM 006
mm_tdo@cciltd.in, ccimm_tdo@rediffmail.com

Ref. No. TCF/MINES/SEISMOGRAPH/2026-27 **Date: 00.00.2026**

Dear Sir(s),

Please submit your most Competitive offer for the following items, as per terms and conditions mentioned in the enclosed Annexure.

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

SCHEDULE OF MATERIAL:

NIT No.	Description of Item	Quantity
TCF/MINES/SEISMOGRAPH/2026-27	**1. Blasting Ground Vibration (Seismograph) Monitoring of Mining Blasting ground vibration, Noise and Technical Broacher details with Types/Model No. as per DGMS.**	**01 No**

01) Only those tenders will be considered who fulfill the terms & conditions mentioned in the tender documents.

02) The price- bid should be only as per CCI's Price-bid format otherwise the tender is liable for rejection.

03) The L-1 rate will be arrived manually considering item wise landed cost of the material after GST input credit etc

Note: The party will provide real time demonstration of uses at Karankote Mine Site, monitoring of parameters and arrival of conclusion/reports for at least 2 times after purchase.

Annexure-IV –Technical Bid:

	Cement Corporation of India Limited **(A Govt. of India Enterprise)**	
Tandur Cement Factory, CCI Tandur, Vikarabad Dist, TS, PIN- 501158.		
NIT No:TCF/MINES/SEISMOGRAPH/2026-27,Date : 00-00-0000		
Name of the item:- supply of a Seismograph for measuring blast induced ground vibration & noise.		
Sl. No.	**PARTICULARS**	**Remarks**
I	**Name of the Tenderer/Supplier**	
II	**Postal address**	
III	**Contact with STD code**	
IV	**Fax with STD code**	
V	**Name of Contact 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.	
1	Submit Covering letter(Annexure-1) and Integrity Pact (Annexure-2)	
2	Details of EMD Rs.11,920/- remitted by E-payment gateway (Account No**: 62017406489,** IFSC**: SBIN0020446**,Bank Name**: State Bank of India)**	
3	In case of firm registered with MSME, certificate from MSME (NSIC certificate) clearly specifying the date of registration alongwith starting of manufacturing process and whether it is registered under ST/SC. The firms registered with MSME will also have to submit a copy of udyog Aadhar Memorandum	
4	No Relation Certificate (Annexure-3)	
5	Present orders in hand (Annexure-4)	
6	Company profile (Annexure-5)	
7	Declaration letter in Annexure-9 in letter head duly filled & signed	
8	Balance sheet for the last 3 financial years(2021-22,2022-23,2023-24,2024-25& 2025-26)	
9	Accepted Delivery period	
10	Warrenty /Guarenty Period Accepted	
11	Copy of PAN card	
12	Accepted payment terms as per tender	
13	Nature of firm and supporting documents	
14	Copies of orders/contracts executed in the last 3 years (Annexure-8)	
15	GST registration no. and details of registration i.e Composite (or) regular	
16	Acceptance of Security Deposit clause	
17	Submit preference to make in India (Annexure-10) duly signed & Stamped.	

Note: Kindly fill and submit technical bid

CEMENT CORPORATION OF INDIA LIMITED
TANDUR CEMENT FACTORY

TCF/Mines/SEISMOGRAPH/2026-27

PRICE BID FORMAT

ANNEXURE-V

Name of the Bidder/ Bidding Firm / Company :									
PRICE SCHEDULE **The L-1 rate will be arrived manually considering Item wise landed cost of the material after GST input credit etc**									
NUMBER #	**TEXT #**	**NUMBER #**	**TEXT #**	**NUMBER #**	**NUMBER**	**NUMBER**	**NUMBER #**	**NUMBER #**	**TEXT #**
Sl. No.	**Item Description**	**Quantity**	**Units**	**BASIC RATE Including freight charges**	**GST %**	**HSN code of Item**	**TOTAL AMOUNT Without Taxes**	**TOTAL AMOUNT With Taxes**	**TOTAL AMOUNT In Words**
1	**2**	**4**	**5**	**7**	**8**	**9**	**13**	**14**	**15**
1	**SUPPLY OF Blasting Ground Vibration**								
1.01	Blasting Ground Vibration (NOMls Seismograph) Monitoring of Mining Blasting ground vibration, Noise and Technical Broacher details with Types / Model No. as per DGMS	1.00	No				**0.00**	**0.00**	INR Zero Only
Total in Figures							**0.00**	**0.00**	INR Zero Only
Quoted Rate in Words		**INR Zero Only**							

PLACE:
DATE :

SIGNATURE OF THE TENDERER