

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	29-04-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	29-04-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	120 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Steel
विभाग का नाम/Department Name	Steel Authority Of India Limited
संगठन का नाम/Organisation Name	Durgapur Steel Plant
कार्यालय का नाम/Office Name	Durgapur
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	4203079706- Dual Channel Vibration Analyzer cum Dynamic Balancer
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Dual Channel Vibration Analyzer cum Dynamic Balancer
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	4-channel Noise and Vibration Analyzer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>4-channel Noise and Vibration Analyzer</li> </ul>
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No

**बिड विवरण/Bid Details**

बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	5
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
क्रेता के लिए उपलब्ध आईटीसी/ITC available to buyer	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

**ईएमडी विवरण/EMD Detail**

आवश्यकता/Required	No
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**ईपीबीजी विवरण /ePBG Detail**

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

**एमआईआई खरीद वरीयता / MII Purchase Preference**

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
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मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid

for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

If the buyer has mentioned MSE purchase preference in ATC then service provider is required to upload necessary documents for MSE purchase preference for verification by the buyer during evaluation.

#### **4203079706- Dual Channel Vibration Analyzer Cum Dynamic Balancer ( 1 pieces )**

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

#### **तकनीकी विशिष्टियाँ /Technical Specifications**

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	<a href="#">Download</a>
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#### **इनपुट कर क्रेडिट(आईटीसी) तथा रिवर्स प्रभार (आरसीएम)/Input Tax Credit(ITC) and Reverse Charge(RCM) Details**

जीएसटी पर इनपुट कर क्रेडिट /ITC on GST	जीएसटी उपकर कर क्रेडिट /ITC on GST Cess
100%	NA

#### **परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	VIVEK KUMAR MAURYA	713203,Central Stores Building, Central Stores Department, Durgapur Steel Plant, Durgapur-713203	1	120

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/**Buyer Added Bid Specific Terms and Conditions**

### 1. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

### 2. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

ITEM : **Dual Channel Vibration Analyzer cum Dynamic Balancer**

## 1. **Scope**

Supply of **portable dual channel vibration analyser cum dynamic balancer** for **predictive maintenance, vibration monitoring, machinery condition diagnosis and in-situ balancing of rotating equipment** such as motors, pumps, fans, blowers, compressors and gearboxes used in plant maintenance.

The system shall be suitable for **route-based vibration data collection, machinery diagnostics and field dynamic balancing** of rotating equipment.

## 2. **Technical Specifications**

### 2.1 General Requirements

1. The instrument shall be a **portable vibration analyser with minimum dual channel data acquisition capability.**
2. The system shall support **route and off-route vibration data collection with monitor mode analysis.**
3. The analyser shall provide **multi-plane and multi-speed in-situ dynamic balancing capability.**
4. The system shall be suitable for **industrial predictive maintenance applications.**

### 2.2 Functional Features

The analyser shall have the following minimum features:

1. **Route / Off-Route vibration analysis and data collection** with monitor mode analysis.
2. **Multi-plane, multi-speed in-situ dynamic balancing facility.**
3. **Dual channel vibration data acquisition** suitable for phase and orbit analysis.
4. Colour display **minimum 3 inch × 4 inch.**
5. Weight of instrument **less than 2.5 kg.**
6. System shall operate on **rechargeable battery with minimum 8 hours operating time.**

7. Measurement units shall be available in **both Metric and English units**.
8. **Linear and logarithmic scaling** of both axes shall be available.
9. Window functions **Hanning and Uniform**.
10. FFT resolution **up to 12,800 lines** with **true zoom range up to 30,000 lines**.
11. Monitor mode analysis features such as **Peak Hold, Continuous Averaging, Order Tracking and Time Synchronous Averaging**.
12. **Filter based data collection for bearing and noise fault detection**.
13. Capability for **analysis at very low rotating speeds**.
14. **High frequency spectrum analysis** for early fault detection.
15. **Bump test facility (online and offline)**.
16. **Coast-down analysis** with peak hold and peak phase measurement.
17. **Speed detection using vibration peak and laser tachometer**.
18. **Rotor fault detection using current clamp**.
19. **Dual channel simultaneous data acquisition for orbit analysis**.
20. **Communication facility with computer for data transfer, storage and analysis**.

### **3. Additional Technical Requirements**

1. The analyser shall be **rugged and suitable for field use in industrial environments**.
2. The system shall support **data storage and route management for multiple machines**.
3. The supplied software shall allow **data trending, spectrum analysis and report generation**.
4. The analyser shall support **connection with PC/Laptop for data download and analysis**.
5. The instrument shall be supplied with **complete operating and maintenance manuals**.

### **4. Accessories**

The following minimum accessories shall be supplied:

- Two accelerometers
- Laser tachometer / speed sensor
- Current clamp

- Necessary cables and mounting accessories
- Battery charger
- Carrying case
- Data management / analysis software compatible with computer

## 5. Service Support

1. Supplier shall provide **documentary proof of service center in India for calibration, repair and maintenance** of the instrument.
2. Calibration certificate shall be provided along with the instrument.
3. Minimum **one year warranty** shall be provided from date of supply / commissioning.
4. Supplier shall provide free of cost **training to plant personnel for operation of the instrument.**

## 6. Pre-Qualification Criteria (PQC)

### (i) General Criteria:

The prospective tenderer (which term shall mean and include the **Manufacturer and/or its authorised Distributor/Dealer/Channel Partner**) must have **supplied similar vibration analyzer equipment to any steel industry or other industrial organisation during the last eight (8) years prior to issue of this tender.**

Documentary evidence shall be submitted in support of the above eligibility criteria.

- In support of above, the bidder shall submit supporting documents from Govt. agency / Govt. authorised agency / ISO agency. The documents must be valid on tender opening date.
- In case of submission of offer by dealer / channel partners credentials of the OEM to be furnished.

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### (ii) Experience / Technical Criteria:

#### A. **Copy of Purchase Order** for supply of similar item(s).

Similar item(s) for this tender shall mean: Supply of Vibration Analyzer / Machinery Health Analyzer / FFT Analyzer / Dynamic Balancer / Vibration Data Collector / Condition Monitoring Analyzer with minimum dual channel vibration measurement and analysis capability, supplied to steel plants, power plants, cement plants, refineries or other heavy industries.

#### B. **Proof of supply against the purchase order such as:**

- o Tax Invoice
- o Delivery Challan
- o Inspection / Acceptance Certificate

- o Any other document establishing proof of supply.
- C. **The bidder shall also submit Performance Certificate by Purchaser/ Self attested declaration that the items supplied against the relevant Purchase Orders has no adverse comments by Purchaser**

## 7. Notes

- I. In case bidders are **other than OEM (i.e., authorised by OEM)**, such bidders may submit the **credentials of the OEM** (by whom the bidder is authorised) for satisfying the above Pre-Qualification Criteria along with valid OEM authorization.
- II. Steel Authority of India Limited reserves the right to **verify the authenticity of submitted documents** from the OEM or the concerned buyers/customers. If any adverse report regarding the capability or performance of the bidder is received before opening of the price bid, the tender submitted by such bidder is liable to be rejected. If such report is received after opening of the price bid, the quotation/tender is also liable to be rejected.
- III. SAIL reserves the right to **seek any additional related technical or financial documents** if required during evaluation.
- IV. **Clarification of Bids / Shortfall Documents**
  - a. No post-bid clarification at the initiative of the bidder shall be entertained. In case of shortfall of documents, SAIL may seek clarification from the concerned bidders.
- V. GRN will be raised after successful completion of training for operation of the instrument to the plant personnel.
- VI. **Submission of Shortfall Documents**
  - a. Only **historical documents existing prior to tender opening** shall be considered.
  - b. Example:  
If a bidder submits a purchase order without a performance certificate, the certificate may be asked for and considered. However, **submission of new supply orders after bid opening will not be permitted.**
- VII. **Any Bidders who has supplied the same or similar item to DSP/ SAIL plants within the last Eight years shall be deemed to have met the eligibility criteria automatically. In such cases, the vendor must upload a copy of the Purchase Order along with proof of its completion (GRN/ Invoices). However, in the case of a dealer, a valid Authorisation Certificate from the OEM must also be submitted along with the PO, GRN, and Invoices.**

### **Special instructions:**

- 1) Instrument should be supplied along with up-to-date software for data collection and analysis
- 2) Party has to come for free demonstration after supplying the instrument.
- 3) Delivery : FOR DSP. Within 120 days after placement of PO

## अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code**

on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---