

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	02-04-2026 09:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	02-04-2026 09:30:00
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 Railways
विभाग का नाम/Department Name	Indian Railways
संगठन का नाम/Organisation Name	East Central Railway
कार्यालय का नाम/Office Name	Ecr Stores
कुल मात्रा/Total Quantity	3
वस्तु श्रेणी /Item Category	SMART CLASS EQUIPMENT WITH DIGITAL CONTENTS SOFTWARE (Q3)
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	Experience Criteria,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 दस्तावेजों 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?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3

**बिड विवरण/Bid Details**

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	No
बिड का प्रकार/Type of Bid	Single 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
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)
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#### 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. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

### SMART CLASS EQUIPMENT WITH DIGITAL CONTENTS SOFTWARE ( 3 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

\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
BASIC INFORMATION	<b>Type of Digital E Learning solution</b>	Smart Class With Digital Contents Software
	<b>Equipment Supplied in the offered product are</b>	Digital Contents Software, CPU, Interactive Board, Projector, Speaker, UPS, Central Control, Mini Computer, Digital Contents Software, CPU, Interactive Board , Projector, Speaker, PA System, Online UPS, Central Control, Mini Computer, Operating systems as applicable, Pre loaded latest version of MS Office and Anti virus for each CPU/each Mini computer and Portable fire extinguisher, Water purifiers (as per buyer requirements) Class room desking/seating as per buyer drawings and specifications
	<b>Installation alongwith supply of necessary items for networking , cabling, fitting/fixtures, Commissioning and Demonstration of the offered product by the seller at buyer premises</b>	A smart classroom setup by installation of all supplied hardware with proper networking and cabling, Installation of educational content, Demonstration of functional operation of smart class set up, A smart classroom setup by installation of all supplied hardware with proper Installation of educational content, Demonstration of functional operation of smart class set up including Network cabling work, Electrification with ISI cabling from power distribution points to UPS and to interactive panel and other related equipment, supply and installation of the portable fire extinguisher ABC Type 4 Kg or higher as per IS specn.
	<b>No of days Training Provided at Site</b>	upto to 5
	<b>Number of Years upto which Support is available from OEM / Seller</b>	3
CPU	<b>CPU (Hint:- Select NA if not applicable )</b>	Intel Core I5
	<b>Processor Generation</b>	6th
	<b>RAM (GB)</b>	4
	<b>RAM upgradable upto (GB)</b>	8
	<b>Hard Disk Capacity (GB)</b>	128

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Hard Disk Upgradable upto (GB)</b>	1000
	<b>Operating Systems preloaded/supplied alongwith CPU</b>	Windows 10 Professional
	<b>No of USB 2-0 Ports (Nos)</b>	1
	<b>No of USB 3-0 Ports (Nos)</b>	1
	<b>Ports/Components are available/supplied along with CPU</b>	VGA Port, LAN Port
Mini Computer	<b>Processor of Mini Computer (Hint:- Select NA if not applicable )</b>	Intel Core I5
	<b>Number of bits of the processor</b>	64
	<b>RAM(GB)</b>	4
	<b>Operating Systems preloaded/supplied along with CPU</b>	Windows 10 Professional
	<b>No of USB 2-0 Ports</b>	1
	<b>No of USB 3-0 Ports</b>	1
	<b>Ports/Components are available/supplied along with Mini computer</b>	LAN Port, VGA Port
INTERACTIVE BOARD	<b>Diagonal size of Interactive Board in inches Hint:- Select NA if not applicable )</b>	86
	<b>Surface material of Boards</b>	Ceramic Steel Surface
	<b>Board Aspect Ratio</b>	16:9
	<b>Touch interface</b>	Touch sensitive, pen driven, Touch sensitive as well as pen driven
	<b>Touch Technology</b>	Infrared
	<b>Response time ( in milli seconds)</b>	2
	<b>In built Speakers</b>	Yes
	<b>Provision for wall mounting</b>	Yes
	<b>Standard Accessories to be supplied</b>	Cordless Pen, USB Extender Hub 8 Meters, Operating and Installation Manual
	<b>Warranty of Interactive Board (in years)</b>	3

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
PROJECTOR	Type of Projector (Hint:- Select NA if not applicable )	LCD
	Projection Method (Hint:- Select NA if not applicable )	Front
	Type of Lens	Standard Throw
	Native Resolution	1280 × 960
	Brightness (Lumens)	3600
	Zoom	1.1x
	Lowest range of Throw Ratio (Hint :- For example select 1:4 for lowest range for Throw ratio 1:4 to 2:2)	1.1
	Highest range of Throw Ratio Hint :- For example select 2:2 for highest range for Throw ratio 1:4 to 2:2)	1.5
	Aspect Ratio	16:9
	Projection Lamp	LED
	Minimum Life of projection Lamp (In Normal Mode) (Hours)	2000
	Integrated Devices with projector are	1. Lamp Hour Counter, 2.Video Compatibility, 3.Inbuilt Speaker
	BIS Registration under CRS of Meity	Yes
	Warranty of the projector in years	1
SPEAKERS	Rating of speakers in Wattage (Hint:- Select NA if not applicable )	10
	Number of Speakers	2
	Speaker Type	Main Speaker
	Amplification Method	Passive Speaker
	If Powered , Amplifier Class	Class A
	Configuration	One Way
	Connectors	XLR (Male), XLR (Female)
	Warranty of speaker in Years	1
UPS	Type of UPS offered	Offline
	Rating of UPS in KVA	0.5
	Technology	NA

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Type of transformer</b>	NA
	<b>Rated Output (Volt)</b>	2. Single Phase Quasi-Sin-wave 230 V AC
	<b>Inverter Efficiency</b>	70
	<b>Load power factor</b>	0.6
	<b>UPS can withstand 10% Overload for the time in minutes</b>	10
	<b>Type of battery in scope of supply</b>	Tubular
	<b>Backup time (Minutes)</b>	15
	<b>Rated Ampere Hour (AH) of the offered battery in AH</b>	9
	<b>Number of batteries are in scope of supply</b>	1
	<b>Input (Voltage range)</b>	120-260
	<b>Protection provided in the UPS are</b>	1. Short circuit protection, 2.Over voltage protection
	<b>Warranty for UPS (Years)</b>	1
	<b>Movable trolley for Batteries</b>	With trolley
	<b>Warranty for battery in years</b>	1
	<b>Degree of Protection of UPS</b>	IP21
CENTRAL CONTROL	<b>Central Controller</b>	NA
	<b>Provisions available in controller are</b>	PC on/off, System On/off
SOFTWARE	<b>Level (Class) for Digital E Learning software offered (Hint:- Select NA if not applicable )</b>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10
	<b>Name of the Educational Board for which software is Applicable</b>	CBSE, ICSE, State Boards
	<b>Name of the Subjects for Digital E Learning</b>	Mathematics, Science, Physics, Chemistry, Biology, Social Studies, Political science, History, Psychology, Sociology
	<b>Multilingual User Interface supported by the offered product</b>	English
	<b>Method of Depolyment</b>	Online, Offline
	<b>Contents Features of the software</b>	1. Contents are clearly represented, structured and accurate

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Reports Features of the Software</b>	1. Provision for Academic progress monitoring tabular report
	<b>Features Related to Questions</b>	1.Provision for Teachers Prepare & Add Lesson Planning Feature
	<b>Miscellaneous Features of the software</b>	1.Incorporate E-books especially of CBSE/NCERT
	<b>Provision for Role Supported</b>	1. Admin

#### 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	Amit Kumar	848101,O/o-Chief Workshop Manager, Near Samastipur Railway Station, East Central Railway, Samastipur(Bihar)-848101.	3	30

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

##### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

##### 2. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

##### 3. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

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

Buyer Added text based ATC clauses.

## **ELIGIBILITY CRITERIA:**

**ELIGIBILITY CRITERIA:** Past Performance: Bid of only those bidders (OEM/Authorised Dealer having bid specific authorisation) will be considered who have supplied same or similar Smart class equipment and digital contents software (Similar means Smart class equipment and digital contents software of any specification or Size) for 20% of bid quantity against a single contract /Purchase Order during the last 3 Calendar year including current year. Copies of relevant contracts along with supply proof (i.e. R.Note/CRAC/CRN etc.) should also be attached failing which it shall be presumed that the bidder has no past performance and their offer will liable to be ignored.

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

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

## **अस्वीकरण/Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. 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 catalogs 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 within 4 days of bid publication on GeM. 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.**

[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---**