

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	10-02-2026 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	10-02-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Railways
विभाग का नाम / Department Name	Indian Railways
संगठन का नाम / Organisation Name	South Central Railway
कार्यालय का नाम / Office Name	Principal Chief Material Manager Secunderabad
कुल मात्रा / Total Quantity	2
वस्तु श्रेणी / Item Category	Optical Time Domain Reflectometer (OTDR) (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	Past Performance, Certificate (Requested in ATC), OEM Authorization Certificate *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 मेनू है / Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
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	7

बिड विवरण/Bid Details

ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन / Past Performance	20 %
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	No
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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
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1. 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.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Optical Time Domain Reflectometer (OTDR) (2 pieces)

तकनीकी विशिष्टियाँ /Technical Specifications

* जेम केटेगरी 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)
PERFORMANCE	Fiber Compatibility	Single Mode
	Central Wavelength (nm)	1310 & 1550 for Single Mode;
	Wavelength Tolerance (±)	20.0 Or lower (nanometer)
	Dynamic range@ Max Wavelength	32.0 - 50.0 Or higher (decibel)
	Event dead zone - Maximum	0.5 Or lower (meter)
	Attenuation dead zone - Maximum	3.0 Or lower (meter)
	Maximum Display Distance Range	256.0 (kilometer)
	Pulse width Range	3 to 20000 for Single Mode/Live Fiber Testing
	Distance Measurement Accuracy (±)	0.75 Or lower (meter)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Reflection Detection Accuracy (\pm)	\pm 4 dB for Single Mode or better
	Sampling points	256000.0 - 256000.0 Or higher
DISPLAY / STORAGE	Display	Colour Display, LCD, TFT, Daylight Readable Display, Touch Screen, Backlit Display
	Display Size	7.0 - 12.0 Or higher (inch)
	Connectivity interface	USB
	Internal Storage OTDR traces	1000
	External Storage / Memory Stick Slot provided	USB
	External Storage Capacity inclusive in the scope of supply	32 Or higher (gigabyte)
STABILIZED LIGHT SOURCE	Modulation	CW
	Optical output power	- 6 dBm for Single Mode
POWER SOURCE	Power Source	Internal / Removable- Rechargeable Battery
	Battery Chemistry, if Rechargeable Battery	Li-Ion
	Voltage of each Battery	7.2 (Volt)
	Battery Capacity (mAh)	3250
	Number of Batteries required for operation	1
	Number of Batteries supplied (Inclusive in the Scope of Supply)	1
	Operating Time per full charge (Minimum)	8.0 (hour)
VISUAL FAULT LOCATOR (VFL) / VISUAL LIGHT SOURCE (VLS) FOR OTDR	Built-in Visual Fault Locator (VFL) / Visual Light Source (VSL)	Yes
	Wave Length Range (VFL/VSL)	650 nm \pm 20 nm
	Output Function (VFL/VSL)	CW
	Maximum Optical output power (Peak) (VFL/VSL) - dBm	? 3 dBm or more
	Laser Safety of VFL/VSL as per IEC 60825-1 latest or equivalent international standard	Class 2
POWER METER FOR OTDR	Built-in Power Meter	Yes
	Power Meter input port	Dedicated Port on OTDR

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Wavelength Range	850 nm to 1650 nm
	Modulation (Power Meter)	NA
	Minimum Power measurement range (dBm)	-70.0 - -70.0 Or lower
	Maximum Power measurement range (dBm)	10.0 - 50.0 Or higher
	Accuracy (Power Meter) (±)	0.0 - 0.0 Or lower (percent)
GENERIC	Connector Tip	APC
	Connector / Adapter End	FC
	OTDR Data Format	.sor
	Laser Safety of OTDR as per IEC 60825-1 latest or equivalent international standard	Class 1M (1310 nm)
SALIENT FEATURES	"Salient Features (Select Applicable Features Only)"	NA
ACCESSORIES	Accessories inclusive in the Scope of Supply (Select included Accessories Only)	Suitable VFL/VSL adapter, Carry Case
OPERATING CONDITIONS	Minimum Operating Temperature	-10.0 Or lower (degree Celsius)
	Maximum Operating Temperature	60.0 Or higher (degree Celsius)
	Maximum Operating Humidity	95.0 - 95.0 Or higher (percent)
WARRANTY	WARRANTY	1, 2, 3, 5 Or higher (year)
CERTIFICATION	Certifications	CE
	Availability of Test Reports from Central Govt/ NABL/ ILAC accredited lab to prove conformity to the Specifications	No
	If Yes, Test Report to be furnished to the Buyer on demand	NA

Additional Specification Parameters - Optical Time Domain Reflectometer (OTDR) (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
[1] Linearity (dB/dB) (\pm) [2] Measurement time [3] Integrated Stabilized Light Source [4] Light Source Wave Length	[1] 0.05, [2] User Selectable 15 seconds to 180 seconds, [3] YES, [4] Same as OTDR,
[5] Optical output port [6] Suitable Adapter to be supplied to make the equipment Work on 230 V \pm 10 %, 50 Hz [7] Dimensions (mm x mm x mm) [8] Weight (with battery)	[5] On OTDR Port, [6] YES, [7] 195 MM x145 MM x 45 MM, [8] 0.9 kilogram,
[9] Conformance to Safety requirements as per IEC 61010-1 latest or equivalent international standard [10] Conformance to EMC requirements as per IEC 61326-1 latest or equivalent international standard	[9] YES, [10] YES,

* Bidders offering must also comply with the additional specification parameters mentioned above.

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	Shaik Mohammed Hafeez Ali	500017, OFFICE OF DIRECTOR GENERAL IRISSET, Tarnaka Raod, Secunderabad-500017.	2	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. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

(1) Only OEM/Manufacturers or their authorized dealers/distributors are allowed to participate in this bid. Dealers/distributors should mandatorily submit valid OEM authorization certifi

cate with their offer, otherwise their offers will be summarily rejected.

(2) The tenderer with past performance of satisfactory execution of contracts to SC Railway , or Other Zonal Railways/Pus/Central Govt/State Govt/PSUs for supply of the same / similar items for a quantity of 20 percent or more of tendered quantity against a single contract during last three years prior to, and excluding tender opening date may be considered as responsive to SC Railways requirements for placement of bulk and regular order

Tenderers are requested to submit the past performance report such as Copies of R Notes/C RAC/Proof of acceptance of material by consignee etc. along with their offer failing which offer will be summarily rejected without making any back reference.

In case, the tenderer participates as an authorized dealer, then the performance as required above shall be that of Principal (OEM) authorizing the agent or bidder for the same OEM. It may so happen that the agent/dealer has credentials of past supply for a different Principal/OEM, then it will not be considered as performance.

(3) The tenderers shall submit a copy of certificate stating that all their statements/ documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-I. Non submission of above certificate by the bidder shall result in summary rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self-attested / digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document

(4) Certificates Bidder's offer is liable to be rejected if they don't upload any of the certificates/documents sought in the Bid document, ATC and Corrigendum if any

(5) Post tender opening no new documents (which are not part of original bid offer uploaded by bidder before opening of GeM bid) will be considered for bid evaluation. Bidder's offer is summarily to be rejected if they don't upload any of the certificates / documents sought in the Eligibility criteria, Bid document, Buyer Added Bid Specific Additional Terms and Conditions and Corrigendum if any

3. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

4. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

5. **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---