

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	06-09-2025 10:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	06-09-2025 10:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Railways
विभाग का नाम/Department Name	Railways Public Sector Undertakings
संगठन का नाम/Organisation Name	Konkan Railway Corporation Limited
कार्यालय का नाम/Office Name	O/o Controller Of Stores
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	SUPPLY INSTALLATION TESTING AND COMMISSIONING OF DEMINERALIZED WATER TREATMENT PLANT
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	SUPPLY INSTALLATION TESTING AND COMMISSIONING OF DEMINERALIZED WATER TREATMENT PLANT. AS PER TECHNICAL SPECIFICATIONS ATTACHED IN ANNEXURE A
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> RO Water Treatment System Above 50 LPH Filtration Capacity
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	1 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	5 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	1 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Exemption for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (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 मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय-सीमा बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं 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
विगत प्रदर्शन /Past Performance	30 %
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
Payment Timelines	Payments shall be made to the Seller within 45 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
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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विभाजन/Splitting

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
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. 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.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or

similar Category Products for 30% 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.

SUPPLY INSTALLATION TESTING AND COMMISSIONING OF DEMINERALIZED WATER TREATMENT PLANT (1 the number pi)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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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	Mohammad Nurani Saied	403601,SENIOR MATERIALS MANAGER STORES DEPOT QUEPEM ROAD OPP ESI HOSPITAL MADGAON GOA 403601 GSTIN :30AAACK3725H1Z1	1	21

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. 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 %.

3. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

4. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

5. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

ATC

Our requirement is as below.

SR.NO.	P.L.NO.	DESCRIPTION	QTY
1	65907050	SUPPLY INSTALLATION TESTING AND COMMISSIONING OF DEMINERALIZED WATER TREATMENT PLANT. AS PER TECHNICAL SPECIFICATIONS ATTACHED IN ANNEXURE A	1 nos

ANNEXURE A

SPECIFICATION OF DEMINERALISED WATER TREATMENT PLANT

1. Capacity :500 LPH

2. Model: CA 50

3. Quality of the Raw Water to be treated by the plant:

3.1 pH :7.5 -8.5

3.2 Total Dissolved Solid (TDS) :up to 300 ppm

3.3 Total Hardness (As CaCO3) : up to 200 ppm

3.4 Chlorides (As NaCl) :up to 80 ppm

3.5 Oil and grease :Nil

4. The De-mineralized water produced from treating raw water in DM Plant should have characteristics as given below:

- 4.1 Total Hardness : Nil
- 4.2 Chlorides (As NaCl) : <5 ppm
- 4.3 pH Value : 6.5-7.5
- 4.4 Conductivity : <1 us/cm
- 4.5 Total Dissolved Solid (TDS) : <1 ppm
- 4.6 Total Suspended Solid : <1 ppm

5. Make : Ion Exchange , Aquatech International Corporation , Universal Aquacare

Technology or equivalent make with following accessories

6. INDION DEIOMATIC CA 50 or equivalent - Portable Automatic DM Unit - 1 Set

- 6.1 FRP vessels -2 Nos
- 6.2 Cation & Anion resins -1 lot
- 6.3 Auto Valves-3 Nos

7. Raw Water Feed Pump (1m/hr @ 2 Kg/cm?) -1 No

8. Regeneration pump with suction & discharge piping (100LPH @ 2-3kg/cm)

9. Pressure Gauges/Conductivity Meter & Sensors-1 Lot

10. Salient Features:

- 10.1 The plant will be plug and play type portable unit.
- 10.2 Auto operation of plant based on OBR
- 10.3 Continuous Digital Monitoring
- 10.4 On failure of treated water conductivity auto regeneration shall start.

11. Capacity: 500 LPH

11.1 Inlet & Outlet Conditions : 3 BY 4 INCH Drain Connections : ONE BY TWO INCH

11.2 Electrical Input : 230 V, 50 Hz

12. REGENERATION CHEMICAL DETAILS

- 12.1 HCL-33% - 11 Litres
- 12.2 NaOH-100% -2.8 Kg

13. INDION CON 500 SPECIFICATION

- 13.1 Display - LC full graphic display
- 13.2 Instrument type - Panel Mounted
- 13.3 Range - 0 - 200us, K=0.1
- 13.4 Accuracy - $\pm 2.0\%$ of reading value
- 13.5 Current Output - 4 -20 mA
- 13.6 Power - 12 to 24 V DC $\pm 10\%$
- 13.7 Relay -2 x Solid state Relay output ,2xRelay output
- 13.8 Dimension - 144 x 144 x 122.5 mm
- 13.9 MOC of Case - ABS

14. Description of work:

- 14.1 The plant shall be installed, commissioned and demonstrated at the consignee's premise.
- 14.2 Three railway personnel shall be trained for its operation for three days at installed site.
- 14.3 The operation of DM plant such as Back wash, the Rinsing and regeneration shall be done with help of diaphragm valves suitably connected so that no spillage leakage of resins water or chemicals happen during the operation of the plant.
- 14.4 The regeneration shall be preferably automatic with the help of chemical resistant electric motors and hydraulic ejector.
- 14.5. Raw water shall be pumped into DM plant with the help of feed motor pump.
- 14.6. The produced DM water shall be collected into collection tank and the DM water outlet pipe should be provided with one water meter and conductivity meter before the water is collected into the tank.
- 14.7. The plant shall be supplied in all respects with acid and caustic resistant columns, pipe lines, strong cation and anion resins, activated carbon granules, water meters and conductivity meters.
- 14.8. The installation, power connection if any should be done by the supplier and the plant should be given ready for the operation by the supplier on turnkey basis.
- 14.9. The chemical needed for regeneration will be supplied by the supplier.
- 14.10. Electricity and raw water will be provided by railway.

14.11. No labour or helper will be provided by railway for installation or unloading the equipment.

14.12. If any electrical panel for centralized control of the switches arise shall be borne and provided by the supplier.

15. Installation and Commissioning

15.1 The firm shall be required carry out a joint check at the consignee end along with

consignee. Before unpacking is done to avoid subsequent complaints regarding short shipment/transit damages. It is necessary that at this joint inspection be done immediately on receipt of the material by consignee to avoid commissioning delays due to shortage/transit damages.

15.2 The installation and commissioning shall have to be done by the firm under the supervision of adequate number of technical experts immediately after joint inspection of the items or receipt of call for commissioning.

15.3 Firm shall commission the equipment within 30 days from the date of intimation by the consignee in respect of receipt at the site.

16. Proving Test:

Machine performance shall be monitored for a period of one month. After one month the machine will be tested for a period of two days of 08 hours after satisfactory results proving test certificate will be issued.

17. Warranty:

24 months from the date of commissioning and proving of the plant a maximum period of 01 week will be allowed for attending and another one week for rectification of faults during the warranty period.

18. Training:

18.1 Necessary training in the operation and maintenance of the machine shall be imparted for three railway personnel by the supplier at the railway premises for 03 days after the machine is installed and successfully commissioned.

18.2 The firm has to train railway staff in the areas of Preventive maintenance for ensuring proper PM Schedule.

18.3 Further, training should also be given to the staff along with the detail

ed circuits of the electrical for further maintenance.

19. Technical Literature:

19.1 Four copies of the operating instructions & maintenance manual along with the detailed drawings and schematic diagram covering the mechanical & electrical portion (electrical circuit and wiring diagram) of the machine should be supplied free of cost along with the equipment.

19.2 Manual and catalogue giving part list number of each component and assembly drawings shall also be provided with the machine in quadruplicate free of cost. The manufacturer or supplier will clearly indicate the guideline for trouble shooting of the machine.

GUARANTEE WARRANTY CLAUSE APPLICABLE.

The item offered by vendor has to strictly comply with the specifications given in ATC, failing which the offer will be summarily rejected.

Bidder has to mention make of the product which they are going to supply otherwise offer will be ignored.

Note:- Payment shall be made within 45 days to MSEs

7. 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 are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[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---