

1. INVITATION FOR BIDS

1. Mangalore SEZ Limited (MSEZL) is jointly promoted by Oil & Natural Gas Corporation Ltd. (ONGC), Infrastructure Leasing & Financial Services Ltd., Karnataka Industrial Areas Development Board (KIADB) and Kanara Chambers of Commerce and Industries (KCCI). MSEZL has taken up a project to set up a Sector Specific SEZ initially and is upgraded to Multi product SEZ catering mainly to the petrochemical industry and other sectors such as manufacturing, services, trading and warehousing (hereinafter referred to as "the Project").
2. Mangalore SEZ Ltd has constructed 22.7MLD (5MGD) Tertiary Treatment Plant (TTP) using state-of-the-art membrane technology (Ultra filtration) for re-use of Secondary Treated Sewage Water from Kavoor STP. The tertiary treated water is pumped to MRPL and MSEZL units for further use. As per the CFO condition issued by KSPCB, it is required to install online analysers at the outlet of TTP and data to be synchronized with PCB server.
3. MSEZL is issuing this Bid document inviting proposals for "Supply, Installation, Testing & Commissioning of Real Time Monitoring System for Tertiary Treated Sewage Water at Kavoor as per the CPCB guidelines". Bidding is open to all Contractors / Firms based in India, who are eligible as per technical requirements. Joint Venture is not allowed.
4. The intending bidders are required to make a onetime registration with M/s Karnataka State Electronics Development Corporation Limited (KSEDCL/KEONICS), the service providers for the e-tender by following the registration process on www.tenderwizard.com/MSEZ.
5. The blank document can be procured between **05/05/2025 to 23/05/2025** by Online Payment of Rs 5,900/- (Rupees Five Thousand Nine Hundred Only) including GST by RTGS, NEFT remitted to Mangalore SEZ Limited Account No: 36335706882 of State Bank Of India, Corporate Accounts Group-II, New Delhi, IFSC Code: SBIN0017313.
6. The Bid document comprises:
 - a. Invitation for Bids
 - b. Bidding data
 - c. Instructions to Bidders
 - d. General Conditions of Contract
 - e. Special Conditions of Contract
 - f. Technical Specifications
 - g. Price Bid
 - h. Annexures / Drawings
7. **Scope of Work for Real Time Monitoring System will be but not limited to**
 - a. The supply, installation, testing and commissioning of online analysers for the parameter like pH, BOD, COD, TSS, Ammoniacal Nitrogen & Turbidity as per the CPCB/KSPCB guidelines. The measuring range for the parameters are given below:
 - a. pH – 6.5 to 8.5
 - b. BOD – 0 to 10mg/l
 - c. COD – 0 to 50mg/l

- d. TSS – 0 to 10 mg/l
- e. Turbidity – 0 – 5 NTU
- f. Ammoniacal Nitrogen – 0 -10mg/l
- b. The monitored data to be transferred to CPCB/KSPCB server on real time basis.
- c. The analysers should be installed at the outlet of treated water storage tank or pumping line as per the CPCB guidelines. The materials required for the installation of same is under the scope of contractor.
- d. The tapping of the power (UPS) required for the analyser from the nearest source is under the scope of contractor.
- e. MSEZL will provide GSM sim with internet provision for synchronizing monitored data with PCB server.
- f. The contractor should provide 1 year warranty for all instruments (During warranty, free service to be provided including site visit).
- g. MSEZL has installed a flowmeter at the outlet of TTP, the contractor should provide provision for display of pumping quantity along with other parameters and data to be synchronized with PCB server.

All the above works would be carried out under the overall direction of the Engineer-in-Charge whose decision would be final and binding in all matters.

- 8. The filled-in E-tender **documents** shall be uploaded before **15:00 hours on 26/05/2025**.
- 9. In case bidders need any further information about the Project or for inspection of any other document related to the Project available with MSEZL they are requested to contact the MSEZL Office at the address given below:

Mangalore SEZ Limited,
Sy No 168/3A, Plot No U-1
Administrative Building, Mangalore Special Economic Zone
Bajpe Village, Mangalore Taluk, Dakshina Kannada (Dist)
Karnataka-574142
Email: vinayakumar@msezl.com; ashwini.hegde@msezl.com;

- 10. The technical proposals submitted by the tenderers will be opened at **15:30 hours on 26/05/2025**.
- 11. Price bids of only the qualified bidders will be opened on completion of evaluation of technical proposals.
- 12. MSEZL shall not be responsible for any costs or expenses incurred by the Bidder in connection with the preparation and delivery of Proposals, including costs and expenses related to visits to the sites. MSEZL reserves all the rights to cancel, terminate, change or modify this procurement process and/or requirements of Bidding stated in the TENDER PROPOSAL, at any time without assigning any reason or providing any notice and without accepting any liability for the same.

Date: 05/05/2025

**Chief Executive Officer
Mangalore SEZ Limited**

2. BIDDING DATA

S. N.	Key Information	Details
1.	Project Title	Supply, Installation, Testing & Commissioning of Real Time Monitoring System for Tertiary Treated Sewage Water at Kavoor as per the CPCB guidelines
2.	Owner	Mangalore SEZ Limited (MSEZL)
3.	Brief scope of works	As described in Clause 7 of Invitation for Bids
4.	Time Period	Time frame will be 2 months from the date of issue of Work Order.
5.	Financial Qualification Requirement - Annual Turnover	<p>Average Annual Turnover in the last 3 financial years ending 31.03.2024 should be min Rs 6.40 Lakhs</p> <p>(The bid must be accompanied by the Annual Reports / Balance Sheets of the bidder for the preceding three years to fulfil the above financial criteria and separate certificate issued by the Chartered Accountant showing the Annual Turnovers for the last three financial years).</p> <p>Note: The Chartered Accountant signature should bear his Membership Number also.</p> <p>All copies of certificates should be notarised.</p>
6.	Net Worth	<p>Should be positive as per the Annual Report for the latest financial year. The specific certificate to this effect should be obtained and produced from the qualified Chartered Accountant.</p> <p>Note: The Chartered Accountant signature should bear his Membership Number also.</p> <p>All copies of certificates should be notarised.</p>
7.	Technical Qualification Requirements	<p>Bidder's experience of having successfully completed similar works during last 7 years ending 30 April 2025 should be either of the following:</p> <p>a. Three similar completed works costing not less than Rs 8.50 Lakhs each</p> <p>or</p> <p>b. Two similar completed works costing not less than Rs 10.60 Lakhs each</p> <p>or</p> <p>c. One similar completed work costing not less than Rs 16.95 Lakhs</p> <ul style="list-style-type: none"> • Similar work means: "Supply, Installation, Testing & Commissioning of Real Time Monitoring System for STP/ETP/CETP/TTP outlet water." • Bidders need to submit the corresponding Work Order copies & Experience Certificates issued by the respective clients duly notarized. MSEZL may call for original certificates for verification during the technical evaluation and the Bidders need to provide the same. <p>(Note: Experience Certificates shall include actual cost of</p>

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		work completed with date of completion during the last seven-year period reckoned from 30 April 2025).
8.	Proposal Validity	90 days from the last date of submission of the proposal.
9.	Amount of Bid Security	Rs. 43,000 (Indian Rupees Forty Three Thousand only) in the form of Online Transfer in favour of Mangalore SEZ Limited payable at Mangalore, or an Unconditional Bank Guarantee issued on behalf of the Bidder by a Nationalised/Scheduled Bank (other than Co-operative Bank) in favour of MSEZL valid for a period up to 60 days beyond the validity of the proposal (i.e., 150 days from the proposal due date)
10.	Performance Security	Total 10% of the Contract Price in the form of an Unconditional Bank Guarantee issued on behalf of Bidder by a Nationalised/Scheduled Bank (other than Co-operative Banks) in favour of Mangalore SEZ Limited to be provided within 10 days of receipt of the Letter of Intent & to be valid until contract completion and handing over all the assets in proper condition to MSEZL (Till obtaining NOC from MSEZL).
11.	Retention Money	10% (ten percent) of the first and following Interim Payment Certificates, up to a maximum of 5% (five percent) of the Contract Price.
12.	Release of Retention Money	50% upon issue of the Taking Over Certificate following substantial completion of the Works and the balance after issue of Defects liability Period completion Certificate.
13.	Price reduction Schedule for delay in completing the work	<p>a) 0.50% of Contract Value per week up to 5% of the Contract value.</p> <p>b) 1% (one percent) per week up to 10% of the Contract value on the unfinished work provided the rest of the work is useable to Client's satisfaction. If the balance work affects the whole work usage then 0.5% of Contract Value per week delay to a maximum of 5% of the Contract value will be charged.</p> <p>The choice of (a) or (b) to be made by MSEZL.</p>
14.	Mobilisation advance	10% of the contract value as interest-free mobilization advance will be paid to the Contractor against production of unconditional bank guarantee issued on behalf of Bidder by a Nationalised/Scheduled Bank (other than Co-operative Banks) to MSEZL in amount equal to the advance payment.
15.	Recovery of Mobilisation Advance	Recovery of Mobilization advance will not be made up to 15% work completion. After 15% of the work is completed, the recovery will commence & will be done at minimum of 15% of the subsequent Running Account Bills and the recovery of entire Mobilization Advance (100%) will be completed when 82% of the work is completed.
16.	Taxes and Cesses	The work location is Outside MSEZ Notified Area. Rate to be quoted shall be including GST.

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17.	Payment Terms	Contractor shall submit bills only once at the end of every calendar month by the 7 th of the following month. Payment will be made to the Contractor after certification of all undisputed items within 7 days of certification. The bill will be certified for payment within 14 days after its submission in full along with all relevant documents & Certificates.
18.	Deduction of Advance Income Tax and Advance Works Contract Tax	As per the prevailing Tax Rules of the Government of India and the Government of the State of Karnataka
19.	Signing of Agreement	Within 14 Days from the date of issue of Lol.
20.	Important Dates	
(a)	Issue of Blank E-Tender Document	05/05/2025 to 23/05/2025 by Online Payment of Rs 5,900/- (Rupees Five Thousand Nine Hundred Only) including GST @ 18% by RTGS, NEFT remitted to Mangalore SEZ Limited Account No: 36335706882 of State Bank Of India, Corporate Accounts Group-II, New Delhi, IFSC Code: SBIN0017313
(b)	Due Date for Up Loading the filled E-Tender Documents	Before 15.00 hrs on 26/05/2025
(c)	Opening of Technical Proposals	26/05/2025 at 15.30 hrs.
(d)	Opening of Financial Proposals	Price bids of technically qualified bidders will be opened on completion of evaluation of technical proposals.
21.	Force Majeure	The term "FORCE MAJEURE" as employed in this contract shall mean wars (declared or undeclared) or revolutions, civil wars, tidal waves, fires, major floods, earthquakes, epidemics, quarantine restrictions and freight embargoes and transporters strikes affecting the country as a whole.
22.	Procedure for resolution of Disputes	Disputes which are not resolved through amicable settlement shall be referred to a single Arbitrator appointed by the court as per Arbitration and Conciliation Act 1996.
23.	Prevention of Sexual Harassment	The contractor/Agency shall be solely responsible for full compliance with the provision of "The Sexual Harassment of Women at Work Place (Prevention, Prohibition and Redressal) Act 2013". In case of any complaint of sexual harassment against its employee within the premises of MSEZL, complaint will be filed before the Internal Committee constituted by the Contractor/Agency and the Contractor/Agency shall ensure appropriate action under the said Act in respect to the complaint. Any complaint of sexual harassment from any aggravated employee of the contractor against any employee of MSEZL shall be taken cognizance of by the Internal Committee constituted by MSEZL. The Contractor shall be responsible for any monetary compensation that may need to be paid in case the incident involves the employee, if sexual

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		violence by the employee of the contractor is proved. The contractor shall be responsible for educating its employee about prevention of sexual harassment at workplace and related issue. The contractor shall provide a complete and updated list of its employees who are deployed within MSEZ premises.
24.	Termination:	MSEZL may terminate the Contract in the event of default by the Contractor as per the clause No 41 of General Conditions of Contract.