



Jharkhand Industrial Area Development Authority (JIADA)
(A Govt. of Jharkhand Undertaking)



Regd. Off: 3rd floor, JIADA building, Namkum Industrial Estate, Namkum, Ranchi, Jharkhand – 834010
E-mail-mdjiada@gmail.com, web-jiada.co.in

Letter No.630

Date-30.09.2024

Expression of Interest.

NIT No. - **JIADA/05/Tupudana/2024-25**

JIADA invites eligible and interested contractors (**Self-Sustainable Mode**) For Operation and Maintenance of Common Effluent Treatment Plant (CETP)-Zero Liquid Discharge (ZLD) with Capacity of 3.5 MLD Interested eligible bidders are requested to submit their proposal through Office of the M.D., JIADA, 3rd Floor, New JIADA Building, industrial area, Namkum, Ranchi latest by 3.00 PM on .23.10.2024

The details of Expression of Interest Documents can be seen and download from departmental website <https://www.jiada.co.in>

Sd/-
Secretary
JIADA, Ranchi.



**Expression of Interest (Eoi) For Operation and
Maintenance of
Common Effluent Treatment Plant (CETP)-Zero Liquid
Discharge (ZLD) with Capacity of 3.5 MLD
on Self-Sustainable Mode
at Tupudana Industrial Area, Ranchi**

NIT No. JIADA/05/tupudana/2024-25

Date: 30.09.2024

Last Date/Time of Submission of Expression of Interest	23.10.2024 up-to 3:00 P.M.
Date/Time of opening of Expression of Interest	23.10.2024 at 3:30 P.M.
submission and opening Place of Expression of Interest.	OFFICE OF THE MANAGING DIRECTOR JIADA, 3rd FLOOR NEW JIADA BUILDING, NAMKUM INDUSTRIAL AREA, RANCHI-834010

Jharkhand Industrial Area Development Authority, Ranchi

3rd Floor, JIADA Building, Namkum Industrial Area Lowadih, Namkum Ranchi-834010 (JHARKHAND)

Phone: 0651-2460408, Telefax: 2460125, Website-www.jiada.co.in, E-mail ID-mdjiada@gmail.com

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1. Introduction

The Jharkhand Industrial Area Development Authority (JIADA) invites Expressions of Interest (EoI) from reputed and experienced firms/organizations for the operation and maintenance of the Common Effluent Treatment Plant (CETP)- Zero Liquid Discharge (ZLD) with capacity of 3.5 MLD located at Tupudana Industrial Area, Ranchi. The CETP is a critical infrastructure component designed to manage and treat industrial effluents generated by industries operating in the area, ensuring compliance with environmental standards and contributing to the sustainable industrial development of the region.

This EoI is specifically aimed at identifying a service provider who can operate and maintain the CETP on a **self-sustainable mode**. The selected entity will be expected to ensure that the CETP operates efficiently while generating sufficient revenue to cover operational costs, maintenance, and any necessary upgrades.

2. Objective

The primary objective of this EoI is to identify and engage a competent and experienced service provider for the operation, maintenance, and management of the CETP. The selected service provider will be responsible for ensuring the efficient and uninterrupted functioning of the CETP, adherence to environmental norms, and overall management of the facility.

3. Scope of Work

The scope of work for the operation and maintenance of the CETP includes, but is not limited to, the following:

3.1. Operation and Management

- Operate the CETP in accordance with established procedures and guidelines.
- Ensure the plant operates at optimal capacity to handle the effluent load from industries in the Tupudana Industrial Area.
- Manage the intake, treatment, and discharge of effluent to ensure compliance with environmental standards set by the Jharkhand State Pollution Control Board (JSPCB) and other relevant authorities.

3.2. Maintenance

- Perform routine maintenance and repair of all mechanical, electrical, and civil components of the CETP.
- Implement a preventive maintenance schedule to minimize downtime and avoid disruptions in plant operations.
- Ensure the availability of necessary spare parts and consumables for the continuous operation of the plant.

3.3. Environmental Compliance

- Monitor and record effluent quality parameters as per JSPCB and Central Pollution Control Board (CPCB) guidelines.

- Ensure that the treated effluent meets the prescribed discharge standards before release into the environment.
- Prepare and submit regular reports on effluent quality and plant performance to JIADA and regulatory authorities.

3.4. Health, Safety, and Environment (HSE) Management

- Implement and maintain safety protocols to ensure a safe working environment for all personnel involved in the operation and maintenance of the CETP.
- Conduct regular safety audits and training programs for staff.
- Ensure compliance with all relevant health, safety, and environmental regulations.

3.5. Reporting and Documentation

- Maintain detailed records of plant operations, maintenance activities, and effluent quality.
- Submit monthly, quarterly, and annual reports to JIADA detailing the plant's performance, maintenance activities, and compliance with environmental standards.
- Facilitate inspections and audits by regulatory authorities and provide necessary documentation and support.

3.6. Other Works

- The Service Provider shall at all times comply with applicable laws and regulations pertaining to the CETP equipment's especially those pertaining to radiation, safety, security, environment, all general and national laws and the requirements of competent and/ or Regulatory Authority whose jurisdiction applies in the area where the services are being provided.
- The service provider shall establish a well-equipped service network and adequately staffed Centralized Call Centre (CCC) that is accessible through "Centralized toll free number". For each facility, there would be a nodal officer(s) to whom a confirmation call may be given by the maintenance service provider after acceptance of a breakdown call from any user in the facility. Resolving/ fixing of the fault must be followed by the closure of communication loop (call closure) via telephonic guidance to nodal officer(s) identified on a case to case basis. Annual third party audit accredited laboratories will be carried out for all calibration processes provided by the maintenance service provider.
- The service provider shall be responsible to operate the Centralized Call Centre with toll free number, 24 hours in a day, 365 (complete year) days in a year and to maintain all CETP Equipment's in the unit facilities.

- The Service Provider shall be entitled to penalty charges lay the Authority for not confirming to the obligations and services as per provisions of the Agreement.
- The service provider will be responsible for procuring all the necessary tools, spare parts, manpower, vehicles and other services required for the satisfactory completion of the contract. The service provider shall be responsible for the safety and occupational health of its staff involved on performance of various duties towards the fulfilment of this contract.
- The Authority will be responsible for providing all necessary support to provide the access to all the CETP equipment available in all facilities.
- The service provider shall specify color codes and uniforms for all its employees visiting the sites for maintenance. Here, the word uniform includes identification badge, clothing, protection gear, boots, cap and any other item required for safe delivery of the services.

3.7. Condemnation of the CETP Equipment:

- The condemnation committee appointed by the authority at the Head Office/Regional Office level from time to time for identification of equipment suitable for condemnation of the equipment shall have a representative of the service provider.
- A report indemnifying the equipment's requiring condemnation should be submitted by the Maintenance Service provider once every year preferably before the renewal of the contract for the subsequent year.
- The Maintenance Service Provider should not under any circumstances be the purchaser of spare parts or components of any equipment resulting out of condemnation.
- For condemnation of all devices, approval from appropriate authority must be taken and condemnation be done as per guidelines issued by the appropriate authority.

User

A trained representative of the maintenance Service Provider shall be available during installation, commissioning and associated trainings provided by the suppliers of new equipment's during all new installations and commissioning.

- The service provider shall arrange for periodic user trainings of all equipment's not less than twice a year irrespective of the equipment being within/outside the warranty period.
- The maintenance service provider shall have no obligation to repair any equipment damaged by the user either accidentally (such as falling of equipment on ground) or will fully at the facility. If requisition for repair of

such equipment is made, the maintenance service provider shall have the right to invoice it to the contracting authority annually or on case to case basis as mutually decided.

- The maintenance service provider shall repair dysfunctional equipment's within six months of the date of commencement of the contract work (which would be within 3 months from the date of signing of the contract). All equipment's that the service provider considers beyond repair shall be listed and the list shall be provided to the JIADA with reasons for each equipment beyond repair. In such case JIADA reserves the rights to cross verify the equipment's. The final decision of the JIADA whether the equipment can be condemned or repaired rests with the JIADA and shall be binding on the service provider.
- While managing the prescribed limits of downtime, the service provider shall ensure that at no point of time, any equipment is dysfunctional beyond 7 days of registering of the complaint at the user end. In case the equipment is dysfunctional beyond 7 days, then JIADA reserves the right to take disciplinary action against the service provider.
- The service provider shall be permitted to use any management information system of its own choice. However, the service provider shall provide a set of key performance indicators and interface them with the management information system of the JIADA.

4. Eligibility Criteria

4.1 General CETP Equipment Maintenance Experience

Sl.	Qualification Criteria	Supporting Documents to be submitted in EOI
1.	A single business entity/company under the companies Act 1956 or an incorporated entity under equivalent Acts of the parent country (in case of foreign entities) A partnership Firm A registered limited liability partnership firm	(a) Certificate of Incorporation company (b) Registration with Commercial Tax / Service Tax
2.	Applicant should have been in existence for a period of at least 3 years	Certificate of Incorporation/Registration with Commercial Tax department
3.	The Applicant should have average annual turnover of Rs. 10 Crores in the preceding 3 financial years i.e., 2020-21, 2021-22 & 2022-23. In case of JV/Consortium, each firm individually should have turnover of	(a) Annual Turnover statement certified by Chartered Accountant as per format enclosed. (b) Audited Balance Sheet (c) Audited Profit & Loss Statement

	Rs. 2 Crores in the preceding 3 financial years i.e., 2020-21, 2021-22 & 2022-23.	
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4.2 Particular CETP Equipment Maintenance Experience

Sl.	Qualification Criteria	Supporting Documents to be submitted in EOI
1.	Bidder should have provided / providing at least two (2) projects of CETP equipments maintenance, in the preceding three financial years i.e. 2020-21, 2021-22 & 2022-23, with each project consisting of Work order value of the project must be one crore or more (≥ 1 Crore).	i. Work Order / invoice ii. Satisfactory Performance Certificate issued by client

4.3 Minimum Personnel Capabilities

Sl	Position	Manpower Strength Requirement	Years of experience in similar Industry	Qualification
1	CETP Manager			
2	CETP Engineer			
3	Technician			

4.4 Equipment Capabilities

Sl.	Equipment	Supporting document to be submitted
1	CETP Equipment's	Inventory Report of spares, location wise, available with applicant
2	Calibration of equipment's	Inventory of Calibrated equipments available with applicant
3	24 x 7 x 365 centralized & toll-free call center	Details of Call Centre, capacity, etc.
4	Web portal for logging online complaint, to check status of complaint	Web portal features, platform, load capacity, etc.
5	Web portal dashboard for management, monitoring and control	Web portal features, reports, dashboard, platform, load capacity, etc.
6	Others, please specify	

5. Submission Requirements

Interested parties are requested to submit their EoI, including the following information:

- 5.1. Company Profile:** Overview of the firm/organization, including details of experience, technical capabilities, and key personnel.
- 5.2. Experience:** A detailed list of similar projects undertaken, including the scope of work, duration, and outcomes.
- 5.3. Technical Approach:** A brief description of the proposed approach for the operation and maintenance of the CETP, including an outline of the operational strategy, maintenance plan, and compliance management.
- 5.4. Financial Information:** Audited financial statements for the last three years, along with any other relevant financial information.
- 5.5. Compliance Statement:** A statement confirming that the firm/organization complies with all relevant environmental, health, and safety regulations.
- 5.6. References:** Contact details of at least two clients for whom the firm/organization has provided similar services.

6. Submission Deadline

The completed EoI along with all required documents should be submitted in a sealed envelope clearly marked “Expression of Interest for Operation and Maintenance of CETP at Tupudana Industrial Area, Ranchi” to the following address by **Date:**

The Managing Director

Jharkhand Industrial Area Development Authority (JIADA)
JIADA Central office Building, Namkum Industrial Area,
Lowadih, Ranchi-834010, Jharkhand
Ranchi, Jharkhand
Email: mdjiada@gmail.com

7. Evaluation Process

The EoI submissions will be evaluated based on the following criteria:

- 7.1 Experience and track record in operating and maintaining effluent treatment plants.
- 7.2 Technical capability and expertise of the team.
- 7.2 Financial stability and capacity to manage the CETP.
- 7.4 Proposed approach and methodology for the operation and maintenance of the CETP.
- 7.5 Compliance with environmental and safety standards.

8. Further Process

Based on the evaluation of the EoIs, shortlisted firms/organizations will be invited to participate in the next stage of the selection process, which may include submission of detailed proposals, presentations, and negotiations.

9. Disclaimer

JIADA reserves the right to accept or reject any or all Expressions of Interest without assigning any reason thereof. Submission of an EoI does not guarantee selection for the next stage of the process.

For any queries or further information, please contact:

Sunil Kumar
Executive Engineer
Jharkhand Industrial Area Development Authority (JIADA)
Phone: +91-9431386208
Email: sunilriada@gmail.com

Date:

Rajesh Kumar Singh
Secretary
Jharkhand Industrial Area Development Authority (JIADA)

10. Annexures

10.1 Cover Letter

Date:

Managing Director

Jharkhand Industrial Area Development Authority,
3rd Floor, JIADA Central office Building, Namkum Industrial Area,
Lowadih, Ranchi-834010, Jharkhand
Ranchi, Jharkhand

Subject: Selection of firm/Organization for the operation and maintenance of the Common Effluent Treatment Plant (CETP)- Zero Liquid Discharge (ZLD) with capacity of 3.5 MLD located at Tupudana Industrial Area, Ranchi.

Reference: EoI Dated _____

With reference to your EOI cited above, I/we, having examined all relevant documents and understood their contents, hereby submit our proposal. The proposal is unconditional and unqualified.

All information provided in the Proposal and in the Appendices is true and correct and all documents accompanying such Proposal are true copies of their respective originals. This statement is made for the express purpose of this bid.

I/We acknowledge JIADA's right to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

I/ We certify that we have not been blacklisted/ debarred by any Government Agency or Department of the State or Central Government, including any Public Sector Organization or by any local/ civic bodies or Municipality.

I/ We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Applicant, nor been expelled from any project or contract by any public authority nor have had any contract terminated by any public authority for breach on our part.

I/We declare that I/We have examined and have no reservations to the EOI Documents, including any Addendum issued by the Authority.

I/We certify that in regard to matters other than security and integrity of the country, we or any of our Associates have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to take such task.

I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/Managers/ employees.

I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the JIADA [and/ or the Government] in connection with the selection of bidder in respect of the above-mentioned Project.

I/We agree and understand that the proposal is subject to the provisions of the EOI document. In no case, shall I/we have any claim or right of whatsoever nature if the work is not awarded to me/us or our proposal is not opened or rejected.

In the event of my/our firm/ consortium being selected, I/we agree to enter into an Agreement in accordance with the form in the EOI. We agree not to seek any changes in the aforesaid form and agree to abide by the same.

I/We agree and undertake to abide by all the terms and conditions of the EOI Document.

In witness thereof, I/we submit this Proposal under and in accordance with the terms of the EOI Document.

Yours faithfully,

Name: Designation:

(Company Seal)

10.2 Information Forms

1. General Information

- (i) All individual firms applying for pre-qualification are requested to complete the information in this form. Nationality information should be provided for all owners or Applicants that are partnerships or individually owned firms.
- (ii) CETP Maintenance Experience Record
- (iii) Detailed CETP Equipment Maintenance Experience Record
- (iv) Details of Contracts of Similar Nature and Complexity
- (v) Current Contract Commitments / Work in Progress
- (vi) Format of Annual Turnover Statement
- (vii) Equipment Capabilities

1	Name of firm			
2	Head Office Address			
3	Telephone			
4	E-Mail			
5	Place of Incorporation / Registration			
6	Year of Incorporation / Registration			
7	Nationality of Owners	Sl. No.	Name	Nationality
		i.		
		ii.		
		iii.		

8	The applicant is	<i>[Proprietary firm / partnership firm / Private Limited / Limited]</i>
9	Organization Chart	<i>[Attach the organization Chart showing the structure of the organization, including the names of the directors and Position of officers.]</i>
10	Numbers of years of experience	
11	For how many years has your organization been in business of similar work	

12	Were you ever required to suspend a contract for a period of more than six months continuously after you started? If so, give the name of project and give reasons there for	
13	Have you ever left the work awarded to you incomplete? (If so, give name of project and reasons for not completing work.)	
14	In which type of CETP equipment do you claim specialization and interest?	

2. General CETP Maintenance Experience Record

1	Name of Applicant					
2	CETP contracts secured in financial year 2021-22					
	Sl.	Employer	Value	Duration	No. of Equipments	No. of Locations
	1.					
	2.					
	3.					
	4.					
	5.					
3	CETP contracts secured in financial year 2022-23					
	Sl.	Employer	Value	Duration	No. of Equipments	No. of Locations
	1.					
	2.					
	3.					
	4.					
	5.					
4	CETP contracts secured in financial year 2023-24					
	Sl.	Employer	Value	Duration	No. of Equipments	No. of Locations
	1.					
	2.					
	3.					
	4.					
	5.					

3. Detailed CETP Equipment Maintenance Experience Record
[Use separate sheet for each contract]

1.	Name of Applicant			
2.	Name of Contract			
3.	Employer			
4.	Employer Address			
5.	Employer Contact			
6.	Description of contract			
7.	Contract Value			
8.	Contract Date			
9.	Contract Duration			
10.	Number of Hospitals			
11.	Details of Hospitals	Sl.	Hospital	Location
		i.		
		ii.		
		iii.		
12.	Number of Equipments covered under contract			
13.	Details of Equipments covered under contract	Sl.	Equipment	Number Of Equipment
		i.		
		ii.		
		iii.		
14.	Number of Staff Deployed			
15.	Details of Staff Deployed	Sl.	Designation	Number Of Staff
		i.		
		ii.		
		iii.		
16.	Current Status of contract			

4. Current Contract Commitments / Work in Progress

Name of Applicant	
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Sl.	Employer	Contract Date	Contract Value	Remaining Contract Value	Contract Duration	Remaining Contract Duration
1.						
2.						
3.						

5. Format of Annual Turnover Statement

[To be printed on letter head of Chartered Accountant. Should be duly signed and certified by

Chartered Accountant]

The Annual Turnover of M/s _____ during the past three Years are given below.

Sl.	Financial Year	Turnover (in Crores)
1.	2021-22	
2.	2022-23	
3.	2023-24	

We certify that the above turnover statement is true and correct.

Signature of Chartered Accountant	
Seal of Chartered Accountant	
Registration Number	
Name of Chartered Accountant	
Date	
Place	

6. Equipment Capabilities.

[The Applicant shall provide adequate information to demonstrate clearly that they have the Capability to meet the requirements]

Name of Applicant	
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Sl.	Equipment	Make Model	Capacity	Owned since	Description

Signature of Applicant	
Seal of Applicant	
Date	
Place	

7. Personnel Capabilities

[For specific positions essential to contract management and implementation, Applicants Should provide the names of at least two candidates qualified to meet the specified requirements stated for each position. The data on their experience should be supplied on Separate sheets for each candidate in the format given below]

(i) Summary of Key Staff proposed for this application

Name of Applicant	
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Organization Structure	<i>[Attach the organization Chart showing the structure of the organization, including the names of the Managers and Position of officers.]</i>
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Sl.	Designation	Number of Staff Working in the company in this designation	Number of Staff Working in the company in this designation in Odisha
1.	CETP Manager		
2.	CETP Engineer		
3.	Technician		
4.	Others specify		
Total Staff working in the company			

Position		CETP Manager			
Sl.	Name	Total years of experience	Years of experience in similar position	Educational Qualification	Date of Joining
1.					
2.					
3.					

Position		CETP Engineer			
Sl.	Name	Total years of experience	Years of experience in similar position	Educational Qualification	Date of Joining
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Position		Technician			
Sl.	Name	Total years of experience	Years of experience in similar position	Educational Qualification	Date of Joining
1.					
2.					
3.					

Signature of Applicant	
Seal of Applicant	
Date	
Place	

(ii) Key Staff Details

Name of Applicant	
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1.	Proposed for Position				
2.	Name				
3.	Date of Birth				
4.	Educational Qualifications				
5.	Professional Qualifications				
6.	No. of years with Current Employer				
7.	Date of Joining With Current Employer				
8.	Professional Experience (in reverse chronological order)				
	Sl. No.	From	To	Designation	Company
	1.				
	2.				
	3.				

Signature of Applicant	
Seal of Applicant	
Date	
Place	

8. Site visit and verification of information

1. The Prospective Bidders are encouraged to submit their EOI Proposal after visiting the sites where the service is to be provided ascertaining for themselves of the health profile, all facilities in the State, the road conditions, traffic, conditions affecting transportation, access, applicable laws and regulations, and any other matter considered relevant by them. For ascertaining the condition of the existing equipment's, the Authority may permit the prospective Bidder to inspect the said equipment's.

The Prospective Bidders are expected to examine carefully the contents of all the documents provided. Failure of the proposals to comply with the requirements of EOI may make the proposal non- responsive.

9. Undertaking

I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.

The undersigned also hereby certifies that neither our firm M/S _____ have been blacklisted nor have abandoned any work in any Govt. Dept in India or any contract awarded to us for such work have been rescinded, during last five years prior to the date of this bid.

The undersigned hereby authorize (s) and request (s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statementor regarding my (our) competence and general reputation.

The undersigned understand and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Department/Project implementing agency.

(Signature of Firm/Organization & seal)