

**GOVERNMENT OF KERALA**

**Suchitwa Mission**

Local Self Government Department,

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4215/G/2022/SM

06.01.2023

**Re-notification**

Suchitwa Mission invited Expression of Interest (Eoi) for empaneling agencies for establishing packaged/containerized wastewater/sewage treatment plants upto 50 kld capacity for establishments vested under the Local Self Government Institutions in Kerala. The last date and time of receipt of Eoi is **21/01/2023, on or before 5.00 PM.** *(Those who have already applied need not apply again).*

K T Balabhaskaran

Executive Director

\* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



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**File No. 4215/G/2022/SM**

**Date : 06.01.2023**

**NOTIFICATION**

**INVITING EXPRESSION OF INTEREST (EoI) FOR EMPANELING AGENCIES FOR ESTABLISHING PACKAGED/CONTAINERIZED WASTEWATER/SEWAGE TREATMENT PLANTS FOR ESTABLISHMENTS VESTED UNDER THE LOCAL SELF GOVERNMENT INSTITUTIONS IN KERALA**

**Introduction**

Suchitwa Mission is the nodal agency of the Government of Kerala under the Department of Local Self Government to provide technical and financial assistance to the LSGIs in the sanitation and waste management sector utilizing assistance from Central and State Governments. Suchitwa Mission intends to simplify the process of installation of STPs/WWTPs in various institutions vested with LSGIs and for this the EoI is invited. The main scope of this EoI is to identify experienced and competent agencies for establishing packaged wastewater/sewage (WWTP/STP) treatment units and for empaneling them for setting up packaged/containerized STPs/WWTPs in institutions vested with LSGIs. The agencies selected shall;

- i. Design, build and operate a packaged/containerized wastewater treatment unit for installation in the Institutions vested with LSGIs in the state.
- ii. Operate and maintain the treatment facility for 5 years after installation and after 5 years for a further period of five years based on mutually agreed conditions between the agency and the LSGI.
- iii. Design the packaged treatment unit in a way that can be expanded or replicated in the available space.
- iv. Capable of preparing of detailed estimate and design layouts
- v. Ensure safe and better hygiene and reduce the environmental pollution in Kerala.

## **Eligibility Criteria**

1. The interested agency shall essentially meet the following eligibility criteria:
  - a. The agency should have been incorporated in India and operating for at least 5 years in India prior to the date of submission of EoI. The certificate of incorporation has to be submitted
  - b. No Joint Venture will be allowed to apply against this EoI.
  - c. The average annual turnover for the last three years shall not be less than 5 Crores. Audited balance sheet and annual report for the last three years shall be submitted.
  - d. The agency should have designed a minimum of 5 STPs and which are running for at least 2 years consecutively conforming to Kerala State Pollution Control Board (KSPCB) standards. Out of this at least 2 STPs are to be for Government bodies/PSU/local government establishments.
  - e. The agency should not be blacklisted by the Central/State Government or PSUs.
  - f. The agency shall be a registered firm with valid Goods and Service Tax number for the line of business the agency is engaged in. (GST and TAN/PAN must be submitted)
2. The required documents such as list of existing and past clients with details of services offered, details of similar projects executed with copies of work order & completion/satisfaction certificates for the respective project, CVs of key personnel and other related details to verify all eligibility criteria shall accompany the EoI.
3. The agency shall comply with all the guidelines and strategies published by Suchitwa Mission, KSPCB and Government of Kerala, related to liquid waste management and wastewater treatment units.
4. Only works carried out directly by the agency shall be considered and no subcontracting or JV shall be considered for the evaluation

## **Scope of work**

1. STP/WWTP using proven technologies will be implemented in the field and preferred technologies are (a) Membrane Bioreactor (b) Moving Bed Bio Reactor (c) Sequencing Batch Reactor and (d) Johkasou Treatment system.
2. In case the agency is adopting a technology (innovative or new) different from that mentioned in point 1 above, the agency has to submit proof of use of such technology in any institutions or establishments in India and the Technical Committee after physical evaluation

on the working of the plant will recommend for pilot implementation of the technology in any of the feasible sites in the State. The agency has to establish the plant and operate the plant for a minimum period of one year free of cost. Depending on the performance of the plant the technology and the agency will be considered for empanelment after one year of establishment of the plant.

3. The treatment plant shall be designed based on the monitoring data of the wastewater collected from the establishment where the WWTP/STP to be set up and treatment scheme should conform to the treated effluent standards stipulated by the KSPCB.
4. The selected agency has to maintain the WWTP/STP for a period of five years from date of commissioning. Any repair during the period has to be rectified free of cost and within 2 days. In case the repair cannot be carried out as desired, the damaged equipment or the plant as a whole shall be replaced. If the rectification or replacement is not done within the time specified by LSGI, the work will be carried out under the risk and cost (R&C) of the agency and the agency will be blacklisted.
5. IoT based systems or systems with minimal human resources shall be designed to reduce the human capital.
6. The materials used in the packaged WWTP/STP shall conform to Indian Standards and it shall be of rust-free materials. The usage of sub-standard materials should be avoided under all circumstances.
7. The technologies shall not cause inconvenience to the users, and it should be free of odour, noise, emissions or any other disturbances. Counter measures should be taken by the agency in case of any disturbances.
8. The systems shall be fully transportable for relocation, and it shall be easily reinstalled in a new site.
9. The sludge management facilities shall be installed or sludge transportation facilities shall be designed diligently to avoid any disturbances.
10. The empaneled agencies have to take part in the bidding process carried out by the LSGs for getting competitive pricing for the STP/WWTPs. The LSGIs will be using the empanelment as a prequalification for getting an offer for establishing the STPs. Under no circumstances, work will be awarded directly to any agency by the LSGIs. Work will be awarded only to the lowest bidder through a limited tender among the empaneled agencies.

### **Selection Process**

The EoIs will be evaluated against the eligibility criteria and the agencies meeting the

minimum eligibility criteria will be called for a technical presentation before the technical committee. Those scoring 50% or above will be provisionally selected for empanelment. Provisionally qualified agencies will be called for a workshop and those agreeing to the terms and conditions will be empaneled for two years.

**Evaluation Criteria ( Maximum Marks : 50)**

<b>SNo</b>	<b>Parameter</b>	<b>Requirement</b>	<b>Proof</b>	<b>Marks</b>
1	Year of Incorporation and experience	Minimum 5 years of operation in India	Certificate of Incorporation and experience can be given with Annexure I	5 mark for 5 years as it is mandatory. For every additional year 1 mark will be given subject to maximum 10 marks
2	Net profit	Net profit shall be there for three consecutive years prior to current year	Audited financial statement for last three financial years	Profit for consecutive 3 years – 5 marks (max)
3	Annual Turnover	Average turnover for the last three financial year shall not be less than 5 crores.	Audited financial statement and experience can be given with Annexure I	5 cr -10marks >5 cr – 2 marks for each additional turnover of 1 crore (20 marks max)
4	General Experience	At least 5 projects in working condition and complying to KSPCB standards	Certificate issued by competent authority with name and seal in letter head (Details shall be given in Annexure III)	5 projects- 5 Marks (Min) and 2 mark each for additional projects fulfilling the criteria (Max 15 Marks)
4	Govt/PSU Experience	Should have done at least 3 STP projects for Government, PSU or local government establishment, which are in running condition	Certificate issued by competent authority with name and seal in letter head (This can be projects mentioned against in the project mentioned in General experience and detailed list shall be given in Annexure III)	3 Marks (Min) and 1 mark each for additional projects fulfilling the criteria (Max 5 Marks)

5	Current projects	Should have at least two current projects	Workorder from the client shall be attached and shall be elaborated in the Annexure IV	5 Marks – 2 projects
6	CV of key functionaries	a) Shall have at least one graduate Engineer /Diploma holder in the stream of Civil Engineering as full time staff b) at least one project engineer, site supervisor, Quantity surveyor as free-lance consultants or in need basis. (CVs shall be attached as an enclosure in Annexure II)	CV of the mentioned functionaries along with relevant certificates to prove the qualification and proof of employment in the agency (CVs shall be given in Annexure II)	Qualification -5 Marks Human resource – 5 marks (Max 10 marks)
Agency who submitted the mandatory documents shall be obliged to present before the Technical Committee				
7	Usage of technology in monitoring STP (IoT or digital monitoring tools)	Use of technology to avoid manual interventions	Description of work and live demonstration of IoT or digital tools during the presentation	5 marks
8	Presentation before Technical Committee	i) Time required for establishing STP ii) Overall presentation iii) Understanding on institutions and regulatory framework of Liquid Waste Management (LWM) in Kerala iv) O&M plan/ Business models	Presentation	25 marks (max)

### **Preparation for submission of EoI**

- a) The agency shall ensure that it fulfills the eligibility criteria and other essential conditions.

- b) The EoI application, complete in all aspects, must be submitted together with requisite information and Annexure(s). The EoI should be free from ambiguity, change or interlineations.
- c) Incomplete EoI will not be considered and is liable to be rejected without making any further reference to the agency.
- d) The EoI shall be duly signed on each page by an authorized person. Documents authorizing such person must accompany the EoI. Suchitwa Mission reserves the right to reject outright any EoI unsupported by proof of the signatory's authority.
- e) The **Annexure(s) I, II, III & IV shall also be attached along with the detailed proposal** for furnishing details to evaluate the Agency's competency in the field.
- f) Audited Balance sheet for the last **three financial years** shall be included.
- g) Copies of all documents to prove experience, expertise and manpower, certifications/ appreciations, work order received so far may also be enclosed along with the application.

#### **Disclaimer**

1. The information contained in this Expression of Interest document ("EoI") or subsequently provided to agencies, whether verbally or in documentary or any other form by or on behalf of SUCHITWA MISSION or any of its employees, is provided on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.
2. This EOI is not an agreement or an offer by the SUCHITWA MISSION to the prospective agencies or any other person. The purpose of this EoI is to provide interested parties with information that may be useful to them in the formulation & submission of their Proposals pursuant to this EoI.
3. This EOI includes statements, which reflect various assumptions and assessments arrived at by the SUCHITWA MISSION in relation to this EoI. Such assumptions, assessments and statements do not purport to contain all the information that each agency may require.
4. This EoI may not be appropriate for all persons, and it is not possible for the SUCHITWA MISSION to consider the objectives, technical expertise and particular needs of each party who reads or uses this EoI. Information provided in this EoI to the agency may be on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. SUCHITWA MISSION accepts no responsibility for the accuracy or otherwise of any interpretation or opinion on the law expressed herein.
5. SUCHITWA MISSION makes no representation or warranty and shall have no liability to any person including any agency under any law, statute, rules or regulations or tort, principles of restitution for unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EoI or otherwise, and any assessment, assumption, statement or information contained therein or deemed to form part of this EoI or arising in any way in this Selection Process.
6. SUCHITWA MISSION also accepts no liability of any nature whether resulting from negligence or otherwise, however arising from reliance of any agency upon the statements contained in this EoI.
7. SUCHITWA MISSION may, in its absolute discretion, but without being under any obligation to do so,

update, amend or supplement the information, assessment or assumption contained in this EoI.

8. The issue of this EoI does not imply that SUCHITWA MISSION is bound to select an agency or to appoint the selected agency, as the case may be and the SUCHITWA MISSION reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

### **Mode of Submission**

The detailed proposal in soft copies should be mailed to **sectiong2021@gmail.com** and hard copies should be submitted in a sealed cover to **“The Executive Director, Suchitwa Mission, 4th Floor, Revenue Complex, Public Office Compound, Thiruvananthapuram 695 033, Kerala”** on or before **21.01.2023, 5.00 pm**.

**Sd/-**  
**Executive Director**



**LETTER OF SUBMISSION**

(On the Letter head of the agency including full Postal Address, and telephone, facsimile and email address.)

Reference No. \_\_\_\_\_

Date: \_\_\_\_\_

The Executive Director  
Suchitwa Mission  
4<sup>th</sup> Floor, Revenue Complex  
Public Office Compound  
Thiruvananthapuram 695 033

Sir,

**SUBJECT: INVITING EXPRESSION OF INTEREST (EoI) FOR EMPANELING AGENCIES AS SERVICE PROVIDER ESTABLISHING PACKAGED WASTEWATER TREATMENT PLANTS FOR LSG INSTITUTIONS**

Having examined the details given in EoI document for the above project, we ..... hereby submit the relevant information for considering the EoI for empaneling agencies as service provider establishing packaged wastewater treatment plants for LSG Institutions.

- a) We hereby certify that all the statements made, and information supplied in the enclosed forms and accompanying statement is true and correct.
- b) We have furnished all information and details necessary for the EoI and have no further pertinent information to provide.
- c) We confirm that we have no objection in Suchitwa Mission or their authorized representative approaching individuals, employers and entities to verify our competency and general reputation.
- d) We declare that all the provisions of this EoI Documents are acceptable to us. We also declare that we have not been debarred/ blacklisted by any Government/Semi Govt. organization in any state/country.

Date of Submission:

Name &Signature of the Authorized Signatory.

Place:

Encl: Certificate of incorporation & Financial statement for three years

Company Seal

**GENERAL INFORMATION OF THE AGENCY**

*Note: Separate sheets may be used wherever necessary*

1. Name & Address :
2. Name & Designation of the concerned officer to whom all reference shall be made :
3. Phone no.s / Mobile no.s/ Fax no.s :
4. E-Mail ID :
5. Chief of the Organization :  
E-mail ID :  
Telephone :
6. Total No. of Employees/Manpower Strength :
7. No.of offices / Centers (enclose the list) :  
(Please put  $\surd$  mark for applicable options for the following items)
8. Type of the Organization: (Public Sector/Limited/Private limited/Partnership/Proprietary/Society/Any other)
9. Any other information that may like to give in order to highlight:
  
10. Name & Address of local representative, if any:
11. Enclosures: CV of the key personnels and additional human resources

Place:

Signature of Party:

Date:

Name in Full:

Designation / Status

Company Seal

**DETAILS OF WORKS AND SERVICES:**

No.	Description of work (Capacity, Location, type of wastewater etc.,)	Name & Details of Client	Value of work	Period		Remarks
				From	To	
1.						
2.						
3.						
4.						
5.						

*Note: Separate sheets may be used wherever necessary.  
Letter of satisfaction from the clients can be attached*

SIGNATURE OF THE APPLICANT

SEAL OF THE FIRM

**ONGOING PROJECTS**

No.	Description of work	Customer details	Value of work	Period / Status of work (Date of commencement of work)	Work done directly or through sub-contractor	Remarks
1.						
2.						
3.						
4.						
5.						

Note: Photocopy of work order shall be attached.

*Note: Separate sheets may be used wherever necessary.*

SIGNATURE OF THE APPLICANT

SEAL OF THE FIRM