

GOVERNMENT OF KERALA
Suchitwa Mission
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4215/G/2022/SM

23.12.2024

Re-notification
Extension of date of submission of EOI

Suchitwa Mission has invited Expression of Interest (Eoi) for the Empanelment of Agencies for establishing packaged/Containerized STP/WWTPs on DBOT model vide Notification No. 4215/G/2022/SM dated 06/12/2024. The last date for the submission of detailed proposal in soft copy is extended to **01/01/2025, on or before 5.00 PM** and the hardcopy of the same shall be sent in sealed cover to '**The office of Executive Director, Suchitwa Mission**' on or before **04/01/2025 ,5.00 pm.** (Those who have already applied need not apply again).

U.V Jose IAS (Retd)
Executive Director

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



Suchitwa Mission
Local Self Government Department
Government of Kerala

4215/G/2022/SM
06.12.2024

Suchitwa Mission
Expression of Interest (“EoI”)

**Empanelment of Agencies for Establishing
Packaged/Containerized STP/WWTPs on
DBOT**

Issued by

Suchitwa Mission

Local Self Government Department

Government of Kerala

4th floor, Revenue Complex, Public Office Compound,

Thiruvananthapuram - 695033

Ph: 0471 – 2316730, 2319831, 2312730

email : sectiong2021@gmail.com

Website: <https://suchitwamission.org>

Date of publication: 06.12.2024

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DISCLAIMER

1. The information contained in this Expression of Interest document ("EoI") or subsequently provided to Applicants (Firms), whether verbally or in documentary or any other form by any of its employees will not be valid. The information shared in documentary form by Executive Director, SUCHITWA MISSION will only be valid.
2. This EoI is not an agreement or an offer by the SUCHITWA MISSION to the prospective Applicants 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 Applicant 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 Applicants 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 Applicant 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 Applicant 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 Applicant or to appoint the Selected Applicant, as the case may be and the SUCHITWA MISSION reserves the right reject all or any of the Proposals without assigning any reasons whatsoever.

1. 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 LSGs in the sanitation and waste management sector utilizing assistance from Central and State Governments. The local self-government institutions are bound to provide safe hygiene and clean habitats for the people. Currently, the local bodies are envisaging their vision to provide sufficient waste management facilities for the people. Among that, the major projects are being taken up in the field of Liquid Waste management. As packaged/containerized STPs are easy to install and require less footprint, Suchitwa Mission intends to promote Packaged or Containerized STPs/WWTPs over conventional STPs in LSGs. Hence Suchitwa Mission is inviting Expressions of Interest (EOI) for empaneling agencies for establishing Packaged/Containerized Wastewater/Sewage treatment plants for the projects taken by the Local Self Government Institutions in Kerala. 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 the community served by the LSGs. The LSGs can utilize their plan/own/ any available fund along with centrally sponsored funds for these plants.

2. Scope of the Agency

The agencies selected shall;

- i. Design, build, operate, and transfer (DBOT) a packaged/containerized wastewater treatment unit for installation in the community bounded by the LSGs 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 detailed estimates and design layouts with the prevailing siting norms
- v. Ensure safe and better hygiene and reduce environmental pollution in Kerala.

3. 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
 - d. Johkasou Treatment system
 - e. DEWATS System
 - f. NOWA
 - g. Technology developed and Approved by CSIR R&D institutions
 - h. Technology Approved by CPHEEO
2. The treatment plant shall be designed based on the influent characteristics of the wastewater collected from the community where the WWTP/STP is to be set up and the treatment scheme should conform to the treated effluent standards stipulated by the KSPCB.
 3. The selected agency has to maintain the WWTP/STP for 5 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.
 4. IoT based systems or systems with minimal human resources shall be designed to reduce the human capital.
 5. 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.
 6. 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.
 7. The systems shall be fully transportable for relocation, and it shall be easily reinstalled in a new site.
 8. The sludge management facilities shall be installed or sludge transportation facilities shall be designed diligently to avoid any disturbances.
 9. The empaneled agencies have to take part in the limited tendering process carried out by the LSGs for getting competitive pricing for the packaged STP/WWTPs. The LSGIs will be using this empanelment as a prequalification for getting an offer for establishing the packaged STPs. Local bodies shall do limited tendering by including criteria for the

financial capability of the firm concerning the tendered project. Under no circumstances, work will be awarded directly to any empanelled agency by the LSGIs. Work will be awarded only to the lowest bidder through a limited tender among the empaneled agencies.

4. Eligibility Criteria

The interested agency shall essentially meet the following eligibility criteria:

1. The agency should have been incorporated in India and operating for at least 5 years in India before the date of submission of EoI. The certificate of incorporation has to be submitted
2. 'Joint Ventures' in India and operating for at least 5 years in India before the date of publication of EoI are eligible to apply for the empanelment. JV agreement shall be submitted along with the EOI
3. The minimum annual turnover in the last three years shall not be less than 1 Crore each. Audited balance sheet and annual report for the last three years shall be submitted.
4. The agency should have at least 3 packaged STPs functional that conform to CPCB or respective State Pollution Control Board standards.
5. Agencies with experience in the Establishment of Underground STPs will be preferred.
6. The agency should not be blacklisted by the Central/ any State Government or PSUs.
7. The agency shall be a registered firm with a valid Goods and Service Tax number for the line of business the agency is engaged in. (GST and TAN/PAN must be submitted)
8. The required documents such as the list of existing and past clients with details of services offered, details of similar projects executed with copies of work orders & completion/ satisfaction certificates for the respective project, CVs of key personnel and other related details to verify all eligibility criteria shall accompany the EoI.
9. The agency shall comply with all the guidelines and strategies published by Suchitwa Mission, KSPCB, and the Government of Kerala, related to liquid waste management and wastewater treatment units.
10. Only works carried out directly by the agency shall be considered and no subcontracting shall be considered for the evaluation

5. Tenure of Empanelment

The tenure of the empanelment will be for three years from the date of notification of empanelment unless otherwise extended or terminated by any specific or general order in this regard.

6. Timeline

The tentative timeline is listed as follows. But this is subject to change without prior notice at the discretion of Suchitwa Mission:

Activity	Date
Issuance of EoI	06.12.2024
EoI Closing Date	23.12.2024
Interviews and technical presentations	To be intimated later.
Selection completion	Upon Suchitwa Mission approval

7. Submission of EOI

Applicants are to submit one (1) hard copy (printed) and one (1) soft copy in pdf format to complete the submission. The Statement of Qualifications should be in a sealed envelope, clearly marked with the Applicant's name, address, and identified as "**Empanelment of Agencies for Establishing Packaged/Containerized STP/WWTPs on DBOT**". Soft copy shall be submitted to sectiong2021@gmail.com.

8. Selection Process

The EoIs will be evaluated against the eligibility criteria stipulated in Para 4 and the evaluation criteria given in 8.1. The agencies meeting the minimum eligibility criteria and scoring 50% or above will be called for a technical presentation before the technical committee. Considering the presentation and its evaluation, the provisionally qualified agencies will be called for a workshop and those agreeing to the terms and conditions will be empaneled for two years.

8.1 Evaluation Criteria

The evaluation for this EOI is limited to a Maximum of 100 marks. The details regarding the mark distribution are depicted in the below table

Sl. No	Parameter	Requirement	Proof	Marks
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 marks for 5 years as it is mandatory. For every additional year 1 mark (10 marks max)
3	Annual Turnover	Minimum Annual	Audited financial	1 cr -10marks

		turnover in the last three financial years shall not be less than 1 crore each.	statements and experience can be given with Annexure I	>1 cr – 2 marks for each additional turnover of 1 crore (20 marks max)
4	General Experience	At least 3 packaged STPs in working condition and complying with CPCB and respective State Pollution Control board	Certificate issued by competent authority with name and seal in letterhead (Details shall be given in Annexure III)	3 projects - 3 Marks for each project and if the STP is UnderGround additional 2 marks. For more than 3 projects same condition will be applicable (Max 25 Marks)
5	CV of key functionaries	a) Shall have at least one Post Graduate Engineer (M.E or M.Tech) or Graduate Engineer with at least 10 years of experience in wastewater treatment b) Diploma holder in the stream of Civil Engineering as full-time staff c) At least one project engineer, site supervisor, and Quantity surveyor as freelance consultants or in need basis. (CVs shall be attached as an enclosure in Annexure II)	a) Post Graduation shall be in any stream of Civil. b) Graduation shall be in Civil/Mechanical / Environmental/Chemical 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)	Engineer - 5 Marks Diploma - 5 Marks Human resource - 5 marks (Max 15 marks)
<i>The agencies meeting the minimum eligibility criteria and scoring more than 50% considering Sl. No. 1 to 5 will be called for a technical presentation before the technical committee.</i>				
6	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	5 marks

			presentation	
7	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)

9. 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 a 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 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.

10. Enquiries

Applicants should carefully examine these EoI documents and report any errors, omissions, discrepancies, clauses requiring clarification or any qualifications. Such queries shall be addressed to Suchitwa Mission Directorate by email within 7 days of publishing of EoI. Applicants are advised not to rely on oral responses to requests for clarification.

Requests for clarification can be sent to sectiong2021@gmail.com

12.Right to Reject Any Proposal

Notwithstanding anything contained in this EOI document, the SUCHITWA MISSION reserves the right to accept or reject any Proposal and to annul the Selection Process and reject all Proposals, at any time without any liability or any obligation for such acceptance, rejection, or annulment, and without assigning any reasons thereof.

a). SUCHITWA MISSION reserves the right to reject any Proposal if:

1. At any time, a material misrepresentation made by the Applicants is uncovered or comes to the knowledge of the SUCHITWA MISSION.

Or

2. The Applicants do not provide the supplemental information sought by the SUCHITWA MISSION within the specified time for evaluation of the Proposal.

13.This EoI is NOT an Offer to Contract

This EoI is not an offer to contract, nor should it be construed as such. It is a definition of specific requirements of the Suchitwa Mission and an invitation to submit a response addressing such requirements. The submission of response to this EoI by an applicant does not entail any claim for empanelment. Suchitwa Mission reserves the right not to make a selection as a result of this EoI. Only the execution of a written agreement for consultancy services between a LSGI in the state of Kerala and a selected applicant will obligate both the LSGI and that applicant in accordance with the terms and conditions contained in such an agreement.

14.Gifts or Payments

Applicants shall not offer, agree to give or give any gift or consideration of any kind to any employee or representative of Suchitwa Mission or its affiliates as an inducement or reward for any act, including, without limitation, refraining from an act and showing favor or disfavor to any person or entity, in relation to the evaluation and consideration of this qualification or award of this or any other selection by Suchitwa Mission.

15.EoI Closing Date

All the completed applications must be submitted to the specified mail address in the stipulated format no later than **23.12.2024, 05.00 pm**. The hard copy of the documents must be received at the office no later than **26.12.2024, 05.00 pm**. Applications received after the deadline will not be accepted.

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
4th Floor, Revenue Complex
Public Office Compound
Thiruvananthapuram 695 033

Sir,

SUBJECT: INVITING EXPRESSION OF INTEREST (EoI) FOR EMPANELMENT OF AGENCIES FOR ESTABLISHING PACKAGED/CONTAINERIZED STP/WWTPS ON DBOT

Having examined the details given in EoI document for the above project, we (Name of the Agency/Firm) 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 & Audited balance sheet and annual report for last three years
Company Seal

Annexure - II

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

Annexure III

DETAILS OF WORKS AND SERVICES:

No	Description of work (Capacity, Location, type of wastewater etc.,)	Name and Details	Value of work	Category of Plant (Underground STP / Above Ground Level)	Commission Date	Remarks
1.						
2.						
3.						
4.						
5.						

Note: Separate sheets may be used wherever necessary.

Letter of satisfaction from the clients shall be attached

Signature

Company Seal

U.V Jose IAS (Retd)
Executive Director