



EOI GOBAR-Dhan

**OFFICE OF THE MISSION DIRECTORATE, SBM-G, ASSAM, HENGRABARI,
GUWAHATI - 781036**

EXPRESSION OF INTEREST (EOI)

**MISSION DIRECTORATE,
SWACHH BHARAT MISSION (GRAMEEN), ASSAM**

NAME OF WORK: - EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF TECHNICAL CUM IMPLEMENTING AGENCIES FOR INSTALLATION, COMMISSIONING, AND OPERATION AND MAINTENANCE OF COMMUNITY LEVEL BIOGAS PLANTS UP TO A CAPACITY OF 2 TPD UNDER GALVANIZING ORGANIC BIO AGRO RESOURCES DHAN (GOBARDHAN) SCHEME UNDER SWACHH BHARAT MISSION (GRAMEEN), ASSAM

EOI IS TO BE SUBMITTED ON OR BEFORE: 04:00 PM. ON 4.12.2023
IN THE E-PROCUREMENT PORTAL www.assamtenders.gov.in

Contact details:

Particulars	E-mail
Mission Director, SBM (G), Guwahati, Hengrabari-36, Assam	Sbmga.assam@gmail.com

**GOVERNMENT OF ASSAM**

Office of the Mission Directorate

Swachh Bharat Mission (Grameen) Hengrabari, Guwahati -36

E-mail: sbm.assam@gmail.com

EOI GOBAR-Dhan Tech Agency

No.RGRWSM-564/Pt-1/2019-20/ 2283


Date- 16.11.2023

Short Notice Inviting Expression Of Interest

E.O.I No.1 of 2023-24

The Mission Directorate, Swachh Bharat Mission (Grameen), Assam invites **Expression of Interest (EOI) For Empanchment of Technical cum Implementing Agencies for Installation, Commissioning, Operation and Maintenance of Community Level Biogas Plants up to a Capacity of 2 TPD under Galvanizing Organic Bio Agro Resources Dhan (Gobardhan) scheme under Swachh Bharat Mission (Grameen), Assam**

The detailed EOI document is available in the E-PROCUREMENT PORTAL, www.assamtenders.gov.in from 1000 hours of 14.11.2023 up to 1600 hours of 4.12.2023 Bids are to be submitted online in the E-PROCUREMENT PORTAL www.assamtenders.gov.in as well as in hard copy to the office of the Mission Directorate, SBM (G), Assam, Hengrabari, Guwahati - 36 on or before the closing date and time of EOI.



Chief Engineer (PHE), Sanitation, Assam
Hengrabari, Guwahati- 781036

Date: 10/11/2023

Memo No. RGRWSM-564/Pt-1/2019-20/ 2283-92

Copy for information to:

1. The P S to the Additional Chief Secretary, PHED, Govt. of Assam, Dispur, Guwahati-6 for kind appraisal of the Additional Chief Secretary, PHED.
2. The Secretary to the Govt. of Assam, PHED, Assam Sachivalaya, Block- B Guwahati-6, for favour of kind information.
3. The Mission Director, SBM-G, Assam, for favour of kind information.
4. The Chief Engineer (PHE), Water, Hengrabari, Guwahati-36, for favour of kind information.
5. The Director, Directorate of Information & Public Relation, Last Gate, Dispur-06, with request to publish the above Notice inviting Expression of interest (EOI) in widely circulated daily in 1 no. English & 2 nos. of Assamese Newspapers. Payment shall be made after receipt of invoices along with copy of the Advertisement in the newspapers.
6. The PS to the Hon'ble Minister, PHE Dept., Dispur, Guwahati-6, for kind appraisal of the Hon'ble Minister, PHED, Assam.
7. The Addl. CE (PHE), all Zones. He is requested to display the Short Notice in the office Notice Board.
8. The SE (PHE), all Circles. He is requested to display the Short Notice in the office Notice Board.
9. The EE (PHE), all Divisions. He is requested to display the Short Notice in the office Notice Board.
10. Office Copy.


Chief Engineer (PHE), Sanitation, Assam
Hengrabari, Guwahati-781036

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EOI GOBAR-Dhan Tech Agency

**GOVERNMENT OF ASSAM**

Office of the Mission Directorate

Swachh Bharat Mission (Grameen) Hengrabari, Guwahati - 36

E-mail: sbmg.assam@gmail.com

No.RGRWSM-564/Pt-1/2019-20/

2283

Date: 14.11.2023

Notice inviting Expression of Interest

E.O.I No. 1 of 2023-24


The Mission Directorate, Swachh Bharat Mission (Grameen), Assam invites Expression of Interest (EOI) For Impanelment of Technical cum Implementing Agencies for Installation, Commissioning, Operation and Maintenance of Community Level Biogas Plants up to a Capacity of 2 TPD under Galvanizing Organic Bio Agri Resources Dhan (Gobardhan) scheme under Swachh Bharat Mission (Grameen), Assam.

The EOI is to be submitted both in the E-PROCUREMENT PORTAL www.assambidders.gov.in and in sealed cover, addressed to the 'Mission Director, SBM (G) Guwahati, Hengrabari- 36 Assam', on or before 1600 hrs IST on 4.12.2023 and the same will be opened on 4.12.2023 at 1700 hrs.

A pre bid meeting will be held in the office of the Mission Directorate, SBM G, Assam, PHED, Hengrabari, Guwahati - 781036 from 12:00 hrs on 23.11.2023.

EOI document comprising all details and terms & condition can be downloaded from the E-PROCUREMENT PORTAL, www.assambidders.gov.in from 14.11.2023 onwards. The documents uploaded and submitted in sealed cover should be duly signed by the authorized signatory and stamped with the official of the organization on each page. Any Quotation which is uploaded or submitted without signatures and stamp on each page shall be rejected. Details are also available in website www.phsanitation.assam.gov.in.

The Mission Director, SBM (G) reserves the right to revise or amend the notice and/ or the EOI Document fully or partly. Right to reject any or all offers without assigning any reason there of is reserved with the Mission Director, SBM (G).


Chief Engineer (PHE), Sanitation, Assam
Hengrabari, Guwahati - 781036


Dated: 14/11/2023

Memo No. RGRWSM-564/Pt-1/2019-20/

2283-92

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2. The Secretary to the Govt. of Assam, PHED, Assam Sachivalaya, Block- B Guwahati-6, for favour of kind information.
3. The Mission Director, SBM-G, Assam, for favour of kind information.
4. The Chief Engineer (PHE), Water, Hengrabari, Guwahati-36, for favour of kind information.
5. The Director, Directorate of Information & Public Relation, Last Gate, Dispur-06, with request to publish the above Notice inviting Expression of interest (EOI) in widely circulated daily in 1 no. English & 2 nos. of Assamese Newspapers. Payment shall be made after receipt of invoices along with copy of the Advertisement in the newspapers.
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Chief Engineer (PHE), Sanitation, Assam
Hengrabari, Guwahati - 781036

EOI GOBAR-Dhan Tech Agency

SCHEDULE OF EVENT

Sl No.	Event	Date	Time
1	START DATE FOR DOWNLOADING EOI DOCUMENT	14-11-2023	1000 hrs
2	LAST DATE AND TIME FOR RECEIPT OF QUERIES FOR PRE BID (email: sbmg.assam@gmail.com)	22-11-2023	1600 hrs
3	PRE BID MEETING Office of the Chief Engineer, Sanitation, PHED, Hengrabari, Guwahati - 781036	23-11-2023	1200 hrs
4	LAST DATE FOR SUBMISSION OF EXPRESSION OF INTEREST	4-12-2023	1600 hrs
5	OPENING OF EOI	4-12-2023	1700 hrs

1. If any date specified falls on a holiday, then the next working day or any other day as fixed by the Mission Directorate, SBM (G), Assam will be considered day for the submission and opening the E.O.I. and the time will remain the same.
2. The Schedule include indicated above is tentative and the Mission Directorate, SBM (G), Assam may change any or the entire schedule under intimation to the interested parties.


Chief Engineer (PHE), Sanitation, Assam
Hengrabari, Guwahati -781036



GOVERNMENT OF ASSAM

Office of the Mission Directorate

Swachh Bharat Mission (Grameen) Hengrabari, Guwahati -36

E-mail: sbmg.assam@gmail.com

REQUEST FOR EXPRESSION OF INTEREST (TECHNICAL CUM IMPLEMENTING AGENCY)

COUNTRY: INDIA
STATE: ASSAM
NAME OF PROJECT: GALVANIZING ORGANIC BIO-AGRO RESOURCE DHAN
(GOBAR-Dhan)

1.1 OVERVIEW OF SWACHH BHARAT MISSION (Grameen)

Swachh Bharat Mission (Grameen) is a Flagship Programme. The programme was launched in 1999 as Total Sanitation Campaign (TSC), which was renamed as Nirmal Bharat Abhiyan (NBA) in April 2012. The programme was restructured as Swachh Bharat Mission (Grameen) with effect from 2nd October, 2014. The implementation of the programme is overseen by the Department of Drinking Water and Sanitation, Ministry of Jal Shakti, Govt. of India at National level and by Public Health Engineering Department, Assam, in the state. Assam was declared as 100% ODF state on 5th March 2019. With this success, SBM-G rolled out its 2nd Phase from 2020 with an aim to achieve ODF Plus within 2024-25 through-

- (i) ODF Sustainability
- (ii) Solid and liquid waste management
- (iii) Visual Cleanliness

As on date, Assam has achieved 100% ODF Plus villages on 2nd October 2023. Adding to the ongoing progress, SBM-G Assam is also aiming to achieve 100% District coverage of community biogas plants under GOBARDHAN, a part of solid waste management.

1.2 INSTITUTIONAL SETUP:

Public Health Engineering department (PHED) is the nodal agency for implementing SBM-G in Assam. At State level, State Water & Sanitation Mission (SWSM) under the chairmanship of Chief Secretary guides for effective functioning as well as framing policies on Water and Sanitation at State level and at the District level, the District Water Sanitation Committee (DWSC) under the chairmanship of Deputy Commissioner of each District takes care of issues pertaining to water, sanitation and hygiene. There is a GP level Committee known as GPWSC (Gram Panchayat Water and Sanitation committee) in PRI areas and a Village council development committee (VCDC)/ Members of Autonomous Council (MAC) level committee in Sixth schedule areas, for implementation of the programme in community level.

2. INTRODUCTION TO GOBARDHAN:

GOBAR is an acronym for **Galvanizing Organic Bio Agro Resources**. The aim of this scheme is to ensure cleanliness in villages and generate wealth and energy by converting cattle dung and solid agricultural waste into Bio Gas and compost. Under the **Swachh Bharat Mission (Grameen)**, the Government of India strides to use animal dung and other bio-waste to produce energy.

The **Swachh Bharat Mission (Grameen)** focuses on open defecation free villages and management of Solid and Liquid Waste creating clean villages in the country. With many States achieving ODF status, solid and liquid waste management takes prime importance in the endeavor to make the villages of India clean and healthy. There are about 300 million bovines, 65.07 million sheep, 135.2 million goats and about 10.3 million pigs as per 19th Livestock Census (2012) in the country. Cattle population constitutes 63% of the total livestock in 2012, the last Census for Livestock. An estimated amount of at least 5257 tonnes waste/day is generated based on these estimates.

Currently cattle dung and a portion of agricultural waste is used as cooking fuel. However, WHO estimates about 5 lakh deaths in India due to indoor air pollution caused by unclean cooking fuel. Women and children suffer the most, as they spend large amounts of their time near indoor cooking hearth.

In an effort to make the villages open defecation free and improve the lives of villagers, the Finance Minister in his budget speech in February 2018 announced the launch of **Galvanizing Organic Bio-Agro Resources Dhan (GOBAR-DHAN)** scheme. **GOBAR-Dhan** shall benefit rural people in general and women in particular from this clean fuel and also through improvements on health and improvement in cleanliness in the villages.

2.1 PROJECT BACKGROUND AND OBJECTIVES

GOBAR-DHAN scheme will be focused on supporting villages to be self-reliant through generation of wealth and energy from waste and is a crucial component of the ODF Plus strategy of SBM-(G). The objective of the scheme is to increase rural income, rural jobs and to keep villages clean through solid waste management.

Accordingly, this scheme aims to positively impact the state with 3Es, which are as following:

- a) **Energy:** Self-reliance with respect to energy through utilization of agricultural and animal waste to generate bio-energy through bio-gas plants.



- b) **Empowerment:** Engaging rural people, especially women self-help groups in construction, management and day to day operations of biogas plants.
- c) **Employment:** Generating jobs among the rural youth and women through collection of waste, transportation to treatment plants, management of treatment plant, sale and distribution of biogas generated, etc.

The scheme is intended to manage and convert cattle dung and solid waste in farms to compost, Bio-slurry, Biogas and Bio-CNG. This initiative shall support biodegradable waste recovery and conversion of waste into resources.

2.2 BROAD SCOPE OF SCHEME

It has been decided to setup Bio Gas plants in rural areas for utilizing cattle dung, agricultural waste, kitchen waste to produce Bio gas-based energy and bio slurry for agriculture purpose. Meanwhile, the **GOBAR Dhan** Scheme will encourage the farmers to consider dung and other waste not just as a waste but as a source of income. The **GOBAR Dhan** scheme or **GOBAR Dhan Yojana** will provide many benefits to the rural people. It will be easier to keep the village clean and sanitized, livestock health will improve and farm yields will increase. Biogas generation will increase self-reliance in energy utilized for cooking and lighting. Farmers and cattle herders will be helped in augmenting their income. There will be novel opportunities for newer jobs linked to waste collection, transportation, biogas sales, O&M of biogas plants, etc. In addition to this, an online trading platform can be created for better implementation of **GOBAR Dhan Yojana** that will connect farmers to buyers so that they can get the right price for dung and agricultural waste.

The broad scope of work for implementation of **GOBAR Dhan Scheme** is as below:

- Generating wealth from waste in rural areas will require the involvement of all actors and sectors, Investments from the private sector and local entrepreneurs will be needed.
- Panchayats and village communities play key roles to leverage the utilization of animal and organic waste that goes into water bodies, dumping sites and landfills.
- Informal sanitation service providers be integrated into the system by training and licensing them.
- With appropriate policy interventions the sector can be scaled up into opportunities for growth, leading to increased incomes, long-term livelihoods and, of course, more Swachh villages.



- **GOBAR Dhan Yojana** will help in producing cleaner fuels which will lead to shift to Biogas.
- It provides a commercially viable model for waste management. This increases the sustainability of the project.
- Reducing the dependency on Imports for CNG, as India imports more than 60% of its demand.
- Though India is energy surplus country there is still large number of the population without access to electricity. This initiative will provide for an alternate source of energy in the places where conventional energy could not penetrate.
- Augmenting the efforts under Swachh Bharat Mission by providing for better waste management.

The program will be implemented using SLWM funding pattern of SBM-G Guidelines.

2.3 PURPOSE OF EOI

The **Mission Director, Swachh Bharat Mission (Grameen), Assam** invites eligible firms/NGO's to express their interest as technical cum implementing agency for GOBAR-DHAN scheme to complement construction, installation and commissioning of Community Biogas Plants in districts, and meet the goal of having at least one community based biogas plant across all districts of the state within 31st March 2024 under Swachh Bharat Mission Grameen. This initiative shall support biodegradable waste recovery and conversion of waste into resources. This shall provide economic and resource benefits to farmers and households and also support in creating clean villages which is the objective of Swachh Bharat Mission (Grameen).

2.4 PERIOD OF EMPANELMENT

The eligible bidder will be empaneled for a period of **1 year** initially which may be extended further.

2.5 BID PROCESSING FEES/COST OF TENDER DOCUMENTS

All Bidders are required to pay Rs.1000/- [Rupees one thousand] towards Bid Processing Fees in online mode in favor of Swachh Bharat Mission (Gramin), Assam, payable at Guwahati. The Bid Processing Fee is Non-Refundable.

PS: Please note that the Proposal, which does not include a) soft copy of online submitted documents, (2) original Hard copy of documents and (3) bid processing fees, would be rejected as non-responsive.

2.6 IMPLEMENTATION PROCESS OF GOBARDHAN

State SBM-G already has an empanelled Technical cum implementing agency (ETA). Out of 35 districts in the state, the ETA has completed projects in 4 districts, while projects in 8 districts are ongoing and nearing completion.

1. Apart from these 12 districts, DPRs of remaining districts are prepared. This EOI is regarding the implementation of Biogas projects in the remaining districts
2. The State Mission Director, SBM-G will issue letter of appointment to the successful bidders as per this EOI as Empaneled technical cum implementing agencies (ET&IA), which will be circulated to all DWSCs.
3. State SBM-G will sign an Agreement with the ET&IA for defining the actual work role of Stakeholders and the guidelines to be followed dealing with all the concerned Govt. Departments and Authorities.
4. State SBM-G will empanel technically qualified bidders for undertaking the works in the districts time to time as and when necessary depending on the Annual Implementation Plan. Numbers of empanelled bidders will depend on the volume of works to be taken up in the districts across the state based on the decision of the technical committee under SBM-G. (Technical qualification as mentioned in 9.4).
5. The ET&IA will then coordinate with the already Empanelled Technical agency (ETA) for implementation of Biogas plants in the assigned districts based on the DPRs already prepared by the ETA.
6. The ET&IA can also seek clarification and modification in relation to the DPR with the ETA so as to understand the proposed site fully before initiation of the said work
7. Work orders for implementation of Biogas plants will either be issued by the District Water and Sanitation Committee (DWSC)/State SBM-G.
8. Based on the work orders and all related clauses viz., imitation of work, time period for completion, payment terms etc, the ET&IA will execute the implementation work
9. Nodal Officer/Technical officers/District Consultants of the respective DWSC will timely monitor the implementation work in coordination with the ETA
10. The ET&IA will complete the construction & installation work within the stipulated time.
11. The ET&IA will also commission the project and execute initial running of the Biogas plant for a period of 3 months. The initial operation of the plant will be considered from the 1st day of Biogas usage in households or its application intended for the site.
12. The total project cost is divided into viz., a) Construction and Installation, b) Commissioning (initial running of the plant) c) turnkey fee. The turnkey fee associated with the project is 20% of the total Project Cost.
13. This turnkey fee is divided into two slabs viz., a) DPR preparation cost of ETA, and b) installation & commissioning of the project, initial running of the plant and 2.5 years of O&M support and service to the plant after the commissioning and initial running of the Biogas plant of 3 months.

14. This turnkey fee will be disbursed in three slabs.

- a) 50% the total turnkey fee after submitting the DPR and approval of the project with detailed Survey of the selected site to the ETA
- b) 30% balance fee of the total turnkey after 100% completion of the Project and handing over to the beneficiary with training, and Operation and maintenance know-how to the beneficiary. This balance turnkey fee will be released on the basis of the certification of the beneficiary after the commissioning and initial running period of the Biogas plant
- c) Rest 20% will be released after defect liability period of 1 year of the project.

15. The ET&IA or ETA may decide on the part of O&M of the Biogas plant. Final 50% turnkey fee will be provided to either of the ET&IA or ETA agreeing on the O&M support and service of the plant.

16. DWSC/State SBM-G may raise a mobilization advance against supply of materials for ET&IA/ETA and pay them in terms of slab as mentioned in the work order.

17. The ETA with the DWSC, Nodal Officer/Technical Officers/JE will evaluate the work on the basis of Quality and Functioning of the Biogas plant.

18. Once the project is completed, the work completion certificate will be issued by the work order issuing authority on the basis of the certification of the beneficiary after the commissioning and initial running period of the Biogas plant

19. In case of GOSHALAS/Dairy farms or other similar entity, the Biogas plants will be handed to the respective entity who will further look after the operation and maintenance (O&M) of the plant

20. In case of community based village level biogas plants, the biogas plants will be handed over to them, who will then look after the O&M of the plant.

2.7 Detailed Scope of work

The indicative scopes of work for the ET&IA are as follows:

I	PRELIMINARY WORK	Coordination with the already empaneled ETA for- <ol style="list-style-type: none"> a) site details b) DPR related queries, c) minor modifications related to construction and installation of plant as mentioned in DPR, if any
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II	IMPLEMENTATION STAGE	<ul style="list-style-type: none"> (a) Field level implementation- fabrication, construction and installation of biogas plant (b) Laying of Biogas pipelines/Distribution network to households (c) Construction of Input slurry chamber and output digested slurry chamber (d) Connecting Plant and beneficiaries with gas distribution pipelines (e) Supply and installation of biogas burners, Slurry pump and other accessories, if any (f) Initial feeding of Biogas plant so as to initiate Biogas production (g) Commissioning of the Biogas plant (h) Capacity Building of the stakeholders
III	MONITORING	<p>Regular monitoring of the plant and its allied activities Submission of a report</p>
IV	OPERATION	<ul style="list-style-type: none"> a. Operation of the project: Support operation of the plant for a period of 3(three) months from the date of commissioning before the operation is completely handed over to beneficiary b. Providing training to the personnel engaged for everyday operations of the project.
V	MAINTENANCE	<p>Only maintenance shall be done by the ET&IA/ETA for the rest 2.5 years after initial operation of the plant</p>

2.8 ELIGIBILITY CRITERIA

The Interested entity should essentially meet the following eligibility criteria:

- A.** The entity must be registered under Society Registration Act, Trust Act/Cooperative Act/ Companies act/ Partnership Act/ Proprietorship Act Should have a valid Service Tax / GST number for the line of business the entity is engaged in. PAN Card of the Agency Latest clearance of IT and GST, if applicable, along with a copy of Registration certificates.
- B.** The entity must possess minimum 2 years' experience, expertise, and manpower in installation, operation and maintenance (technical experience and capacity to construct, operate and manage) of a Biogas plants up to a capacity of 1 TPD/ similar work executed in India.
- C.** Interested entities must also have experience of undertaking and completing similar projects successfully elsewhere in India at least for a period of 2 years
- D.** Documents supporting the experience, list of existing and past clients with full details including services offered, details of similar projects executed, with copies of agreements/work order/completion/ satisfactory certificates
- E.** Interested parties must have an experienced team in execution of similar projects independently or in joint ventures with other reputed organization/firms experienced in the field. Relevant documents may be submitted with the EOI
- F.** The applicant must have an average annual turnover of Rs. 1 Crore over the last three preceding years from similar service. (i.e., 2019-20, 2020-21, 2021-22). Copy of CA certificate to be attached
- G.** Empaneled Technical Agencies under GOBARDHAN in other states of India or Dealers/Implementer/Integrator of any other Turnkey Biogas Project will also be considered based on their experience (as mentioned in Section C) in other states
- H.** Startups recognized by DIPP Bulk Waste Category Startup Company will also be considered. Startups will be exempted from submitting supporting documents in terms of experience and turnover only.
- I.** The Bidder or its partner organization should have an office in Guwahati
- J.** The interested parties meeting above requirement must forward their letter of intention along with initial proposal and relevant supportive documents meeting the qualifications given in para (A) to (I) above

- K.** Further, the bidders which are technically responsive will have to attend a discussion and give a presentation about their technical capabilities, credentials, road map in successful completion of Biogas projects within March 2024, experience of working in similar such project, and tentative technical proposal
- L.** The shortlisted bidder from the EOI based on the merits of the technical qualification, and subsequent discussions will be empaneled for implementation of GOBAR-DHAN
- M.** Security Deposit: - A deduction of 5% will be made as Security Deposit for the performance of the contractor. The Security Deposit will be returned by the State Govt. only after the completion of the work in all respect and Defect Liability period of 1 year
- N.** The applicant must not have, during the last three years, failed to perform on any agreement, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or an arbitration award against the applicant, nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such Applicant. In this regard, the bidder must submit a notarized affidavit declaration for no litigation and not blacklisted by any govt. or semi govt. department during the last three years.
- O.** Even if an applicant satisfies the above noted requirements, it is liable to be disqualified if it is found to have:
- Made a false representation in the form, statement and attachments required in the documents for this empanelment;
 - A record of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion;
 - Been convicted by any court of law.
 - Must not have been blacklisted by any government/ semi government department in the last three years.

2.9 The Bidder should submit the following documents (Pre Qualification):

- Registration certificate of the Bidder under Society Registration Act, Trust Act/Cooperative Act/ Companies act/ Partnership Act/ Proprietorship Act etc
- JV agreement or association agreement in case of JV or association of bidders
- PAN Card of the Bidder.
- Copy of the GST registration Certificate
- CA certificate with UDIN for Last three year turnover (i.e. 2019-20, 2020-21, 2021-22)
- List of clients served (Govt./ public sector/private Sector/others separately in the last Five years) with Contact name, address and mobile no., accompanied by relevant work orders/ pay orders/ client certificates and completion certificate.

- a) 2 years of experience/expertise, and manpower in installation, operation and maintenance (technical experience and capacity to construct, operate and manage) of Biogas plants up to a capacity of 1 TPD/ similar work executed in urban or rural context in India (Proof to be submitted- documents justifying experience)
- b) At least 2 similar projects undertaken and completed successfully elsewhere in India (Copy of completion certificates/work order must be submitted)

2.10 Clarification of EOI documents

A prospective Bidder requiring any clarification of the EOI documents may submit their queries to the Mission Director, SBM (G) through hard copy or by email to sbmg.assam@gmail.com. Mission Directorate, SBM (G) will respond to any request for clarification as per the calendar of the event prior to the deadline for submission of EOIs. Responses to queries will be clarified during the pre-bid meeting.

2.11 Pre-Bid meeting:

A. The Bidder is requested to send the queries on or before 22.11.23

B. Mission Director, SBM (G) will hold a pre bid meeting on 23.11.23.

C. Any modification in the EOI documents, which may become necessary as a result of the pre-bid queries or in sole discretion of Mission Director, SBM (G) shall be made exclusively through the issue of an Addendum publishing in the the E- PROCUREMENT PORTAL www.assamtenders.gov.in and in PHE website (www.phsanitation.assam.gov.in) pursuant to Clause 9.

2.12 Amendment of EOI documents

A. Before the deadline for submission of Bids the Mission Director, SBM (G) may modify the EOI documents by issuing addendum.

B. Any addendum thus issued shall be part of the EOI documents and shall be communicated through PHE website

C. To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Mission Director, SBM (G) shall extend as necessary the deadline for submission of Bids.

2.13 Preparation of Bid Documents

The Bids comprises of two parts viz Pre-qualification Document and Key Technical Submissions and shall contain the documents as follows

- a. Pre-Qualification Document: The Bidder would provide all the information as per Clause 2.9. Submission of documents for pre-qualification as per section 2.14 (a-c) Mission Director, SBM (G) would evaluate only those Proposals who fulfills the pre- qualification criteria
- b. Key Technical Submissions: The Bidder would provide all the information as per Clause 2.14 below (d-i). Mission Director, SBM (G) would evaluate only those Proposals that are received in the required format and are complete in all respects.

2.14 KEY SUBMISSIONS:

- a. Covering letter in the format set out in Form Tech 1,
- b. Details of the Bidder in the format set out in Form Tech 2,
- c. Bidder's Experience in relevant works in the format set out in Form Tech 3
- d. Technical Approach & Methodology as set out in Form Tech 4
- e. Work Plan as per Form Tech 5
- f. Team composition and Task as per Form Tech 6
- g. Functionality assessment of Biogas projects as per Form Tech 7
- h. Experience in capacity building as per Form Tech 8

And any other materials required to be completed and submitted by the Bidders is in accordance with these instructions.

3. PROPOSAL VALIDITY

3.1 The Proposal shall remain valid for a period not less than 120 days from the EOI Due Date (Proposal Validity Period). Mission Director, SBM (G) reserves the right to reject any Bid, which does not meet this requirement.

3.2 In exceptional circumstances, prior to expiry of the original time limit, Mission Director, SBM (G) may request that the Bidder may extend the period of validity for a specified additional period. The request and the Bidder's responses shall be made in writing. A Bidder may refuse the request without forfeiting his earnest money deposit. A Bidder agreeing to the request will not be required or permitted to modify his Bids, but will be required to extend the validity of his earnest money deposit for a period of the extension.

4. SUBMISSION OF BIDS

4.1 The original proposal, both pre-qualification and Technical Proposals shall contain no interlineations or overwriting, except as necessary to correct errors made by the Bidder themselves. The person who signed the proposal must initial such corrections.

4.2 An authorized representative of the Bidder shall initial all pages of the Pre-Qualification and Technical Proposals.

4.3 The Technical Proposal shall be placed in a sealed envelope clearly marked "TECHNICAL PROPOSAL" Similarly, the Pre-Qualification documents shall be placed in a sealed envelope clearly marked "PRE QUALIFICATION DOCUMENTS" followed by the name of the Assignment/job. The envelopes containing the Pre-Qualification Documents, Technical Proposals, shall be placed into an outer envelope and sealed. This outer envelope shall bear the submission address, reference number be clearly marked "DO NOT OPEN, BEFORE 4-12-2023". The Employer shall not be responsible for misplacement, losing or premature opening if the outer envelope is not sealed and/or marked as stipulated. This circumstance may be case for Proposal rejection.

4.4 The Proposals must be sent to the address/addresses indicated in the EOI and received by the Employer no later than the time and the date indicated in the EOI, or any extension to this date as per clause 2.12. Any proposal received by the Employer after the deadline for submission shall be returned unopened.

5. MODIFICATION OF BIDS

Once the Bid is submitted the bidders are not allowed to modify any parts of the Bid

6. EOI OPENING AND EVALUATION

6.1 Mission Directorate, SBM (G) shall open the of Key Technical submissions of those Bids that fulfills the Pre-qualification criteria and are found to be responsive as provided in Clause 2.9 and undertake evaluation of the Technical Proposals to determine the qualified Bidders.

7. PROCESS TO BE CONFIDENTIAL

7.1 Information relating to the examination, clarification, evaluation, and comparison of EOIs and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence the Mission Director, SBM (G)'s processing of EOIs or award decisions may result in the rejection of his/her Bid.

8. CLARIFICATIONS

8.1. The Mission Directorate, SBM (G) would open the **Key Technical Submission of the Proposals on 4.12.2023 at 1700 hrs.** The Mission Directorate, SBM (G) will open the Key Technical Submissions of all the Bidders received in the presence of the Bidders or their representatives who choose to attend on the date and place specified in the Schedule of Bidding process.

8.2 The Mission Directorate, SBM (G) reserves the right to reject any Bid which does not contain the information/documents as set out in this EOI document

8.3 To facilitate evaluation of Bids, Mission Director, SBM (G) may, at its sole discretion, seek clarifications in writing from any Bidder

9. EVALUATION OF PROPOSAL AND EMPANELMENT PROCESS

9.1 The criteria for eligibility & qualification of Bidders are set out in Clause 2.8.

9.2 As part of the evaluation, the Bids shall be checked for responsiveness with the requirements of the EOI document and only those Bids which are found to be responsive would be further evaluated in accordance with the criteria set out in this EOI document.

9.3 The Bid would be considered to be responsive if it meets the following conditions:

- a. It contains all the information and documents as requested in the EOI document.
- b. It contains information in formats specified in this EOI document.
- c. It mentions the validity period as set out in Clause 3
- d. It provides information in reasonable detail. (“Reasonable Detail” means that, but for minor deviations, the information can be reviewed and evaluated by Mission Directorate, SBM (G) without communication with the Bidder). Mission Directorate, SBM (G) reserves the right to determine whether the information has been provided in reasonable detail.
- e. There are no inconsistencies between the Bid and the supporting documents
- f. A Bid that is substantially responsive is one that conforms to the preceding requirements without material deviation or reservation. A material deviation or reservation is one—
 - i) which affects in any substantial way, the scope, quality, or performance of the Service contractor
 - ii) which limits in any substantial way, inconsistent with the EOI Document, Mission Director, SBM-G’s rights or the Bidder’s obligations under the Agreement, or
 - iii) Which would affect unfairly the competitive position of other Bidders presenting substantially responsive Proposals

9.4 EVALUATION OF TECHNICAL PROPOSAL: **Only Pre-qualified Bidders** will be eligible for evaluation of their technical proposal. Evaluation as per the Criteria, sub-criteria and point system for the technical evaluation are to be followed as shown in the following procedure:

S No	Criteria	Supporting Document	Marks
1	Bidder's plan for Implementation, commissioning, services for operation and maintenance service		100
a.	Technical approach & methodology	Explain the mode of implementation, commissioning phase, O&M phase of the project, and methodology towards achieving the expected output with details	30
b.	Work plan	Submission of a work plan to achieve the expected output along with a PPT (as per requirement)	30
4	Organization & staffing	Submission of Key professional staff with qualification & competency for the assignment	10
5	Functionality assessment	Submission of documents/ testimonies/certificates citing at least 80% of installed plants are in good operational condition, and unhindered service provision to beneficiaries/communities	15
6	Bidders experience in capacity building activities on SLWM	Submit proof with documentation report & photographs.	15
Total			100

Note: Agencies/Organizations scoring 75 marks out of total 100 as indicated above shall be considered as qualified bidder for empanelment.

10. CORRECTION OF ERRORS

10.1 In the event of acceptance of the Preferred Bidder/Bidders with or without negotiations, Mission Directorate, SBM (G) shall declare the Preferred Bidder/Bidders as the Successful Bidder/Bidders for Empanelment. Mission Directorate, SBM (G) will notify the Successful Bidder/Bidders through a Letter of Empanelment (LoE) that its Bid has been accepted.

10.2 The Successful empaneled Bidder shall be required to furnish Performance Security by way of an irrevocable Bank Guarantee, issued by a nationalized bank or a scheduled bank located in India in favor of the Chief Engineer, PHE (Sanitation)/or Member Secretary, DWSC for an amount equal to 5% of the work order. The Bank guarantee is required to be submitted by the empaneled bidder only after issue of Work Order by the Mission Director (SBM-G). The PBG should be valid for a period of 1 year

10.3 Notwithstanding anything contained in this EOI document, Mission Directorates reserves the right to accept or reject any Bid, or to annul the bidding process or reject all Bids, at any time without any liability or any obligation for such rejection or annulment, without assigning any reasons thereof.





STANDARD FORMS FOR TECHNICAL

BID FOR

Name of work: - EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF TECHNICAL CUM IMPLEMENTING AGENCIES FOR INSTALLATION, COMMISSIONING OPERATION AND MAINTENANCE OF COMMUNITY LEVEL BIOGAS PLANTS UP TO A CAPACITY OF 2 TPD UNDER GALVANIZING ORGANIC BIO AGRO RESOURCES DHAN (GOBARDHAN) SCHEME UNDER SWACHH BHARAT MISSION (GRAMEEN), ASSAM

**MISSION DIRECTORATE, SBM-G
HENGRABARI, GUWAHATI-36
ASSAM**



TECHNICAL PROPOSAL -STANDARD FORMS



FORM TECH - 1
Covering Letter
(On the Letterhead of the bidder)

To,

Date: _____

**The Mission Director,
SWACHH BHARAT MISSION -GRAMIN
PHE CAMPUS, HENGRABARI
GUWAHATI-781036
e-mail Id.: sbmg.assam@gmail.com**

Sub : EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF TECHNICAL CUM IMPLEMENTING AGENCIES FOR INSTALLATION, OPERATION AND MAINTENANCE OF COMMUNITY LEVEL BIOGAS PLANTS UP TO A CAPACITY OF 2 TPD UNDER GALVANIZING ORGANIC BIO AGRO RESOURCES DHAN (GOBARDHAN) SCHEME UNDER SWACHH BHARAT MISSION (GRAMEEN), ASSAM

Ref : EOI No:

Dear Sir,

With reference to the above, I/We would like to inform you that having examined the EOI Document and application form including guidelines for submission, scope of work etc., we hereby submit all the necessary information and relevant documents relating to the “**Expression of Interest (Eoi) For Empanelment of Technical cum Implementing Agencies for Installation, Operation and Maintenance of Community Level Biogas Plants up to a Capacity of 2 TPD under Galvanizing Organic Bio Agro Resources Dhan (Gobardhan) scheme under Swachh Bharat Mission (Grameen), Assam**” for our selection as bidder.

We understand that MISSION DIRECTORATE, SBM-G, ASSAM reserves the right to reject any application without assigning any reason thereof. We confirm that our Proposal is valid for a period of 120 days from (date of submission) .

Yours faithfully,

(Signature of Authorized Person)

Date:

Seal:

FORM TECH - 2 : BIDDERS' ORGANIZATION

Name of the Bidder	
Name of the JV partner if any	
Address of Registered Office of Lead Bidder	
Year of Establishment:	
Contact Person with Contact Details:	
Annual Turnover* in last three years (` in Lakhs) FY 2021-22: FY 2020-21: FY 2019-20: Average Annual Turnover for above three Financial Years: *Financial Statements to be enclosed	
PAN Number	
GST Number	
Any Other Relevant Details (UDIN/other details)	

(Signature of Authorized Person)

Date:

Seal:

FORM TECH-3A: BIDDER'S EXPERIENCE IN RELEVANT WORKS (DESIGN/INSTALLATION/O&M COMMUNITY LEVEL BIOGAS PLANT)

[List projects (not more than 10) in the last two years which are similar to that in the EOI.]

[The following information should be provided in the format below for each reference assignment for which your firm, either individually as a corporate entity or as one of the major companies within a consortium, was legally contracted by the Employer stated below.]

Name of the Project:	Approx. value of the contract (in current `):
Country:	Duration of contract (months):
Location within country:	
Name of Client:	
Address:	
Start date (month/year):	
Completion date (month/year):	
Name of joint venture partner or associated partner if any:	
Name of senior regular full time employees of the firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):	
Narrative description of Project and current status/functionality status	
Description of actual services* provided in the Contract:	

**Copy of Work order /completion certificate to be submitted*

Firm's Name: __

Signature of Authorized Representative:

FORM TECH-3B: BIDDER'S EXPERIENCE IN RELEVANT WORKS (INSTALLATION/IMPLEMENTATION OF COMMUNITY LEVEL BIOGAS PLANT

[List projects (not more than 10) in the last two years which are similar to that in the EOI.]

[The following information should be provided in the format below for each reference assignment for which your firm, either individually as a corporate entity or as one of the major companies within a consortium, was legally contracted by the Employer stated below.]

Name of the Project:	Approx. value of the contract (in current `):
Country:	Duration of contract (months):
Location within country:	
Name of Client:	
Address:	
Start date (month/year):	
Completion date (month/year):	
Name of joint venture partner or associated partner if any:	
Name of senior regular full time employees of the firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):	
Narrative description of Project and current status/functionality status	
Description of actual services* provided in the Contract:	

**Copy of Work order /completion certificate to be submitted*

Firm's Name: _

Signature of Authorized Representative:

**FORM TECH-4: DESCRIPTION OF APPROACH, METHODOLOGY AND FOR PERFORMING THE ASSIGNMENT
[AS PER THE DETAILS MENTIONED IN THE NARRATIVE EVALUATION CRITERIA]**

Technical Approach and Methodology, and Operation & Maintenance plan,

- a) Technical Approach and Methodology. *In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.*
- b) Operation & Maintenance Plan . *In this chapter the Bidder should explain the operation and maintenance plan for the proposed facility in accordance with the terms of reference.*

FORM TECH 5: WORK PLAN

N ^o	Activity ¹	Months ²					
		1	2	3	4	5	6
1							
2							
3							
4							
5							
n							



FORM TECH 7: FUNCTIONALITY ASSESSMENT

Submission of documents/ testimonies/certificates citing at least 80% of installed plants are in good operational condition, and unhindered service provision to beneficiaries/communities

Date:

[Signature of staff member or authorized
representative of the staff]

Place:

[Full name of authorized representative]:



FORM TECH 8: EXPERIENCE IN CAPACITY BUILDING ACTIVITIES ON SLWM

Submit proof with documentation report & photographs

Date:

[Signature of staff member or authorized
representative of the staff]

Place:

[Full name of authorized representative]: