

**DEVELOPMENT & PANCHAYATS DEPARTMENT HARYANA  
(SWACH BHARAT MISSION-GRAMIN)  
Plot No.3, Haryana Panchayat Bhawan,  
Sector-28A, Madhya Marg Chandigarh**

Expression of Interest (Eoi) for the Empanelment of Technical Agencies for providing the technical support to the implementing agencies such as Gram Panchayat, Gaushala, SHGs federation, Bulk waste generator etc. in installation of Model Gobar-Dhan / Institutional/Individual bio-gas plant, as well as, the operation and maintenance up-to 5 years.

Development & Panchayats Department, Government of Haryana invites Eoi from the competent and experienced agencies as a Technical Agency for providing the technical support to the implementing agencies such as Gram Panchayat, SHGs federation, Bulk waste generator etc. in installation of Model Gobar-Dhan/ Institutional/ Individual bio-gas plant, as well as, the operation and maintenance up-to 5 years in the villages of Haryana State.

Interested agencies are requested to furnish their willingness with credentials and testimonials in the prescribed format addressed to the following within a period of 17 days from the date of publication of this EOI. The detail of EOI along with terms & conditions is available at departmental *website: [www. harpanchayats.gov.in](http://www.harpanchayats.gov.in)*

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State Project Coordinator (SBM-G)  
O/o Mission Director, Swachh Bharat Mission-Gramin  
Development & Panchayats Department, Haryana  
Plot No.3, Haryana Panchayat Bhawan  
Sector-28A, Madhya Marg, Chandigarh  
Phone No. 0172-2637670, 2659877

Mission Director, Swachh Bharat Mission-Gramin, Development & Panchayats Department, Haryana reserves the right to cancel or modify this expression of interest (Eoi) without assigning any reasons whatsoever.

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(Expression of Interest)

**MODEL GOBAR-DHAN PROJECT/ INSTITUTIONAL/ INDIVIDUAL BIO-GAS  
PLANT**

**Document Control sheet**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Expression of Interest No.	HSSBM/2021/20900
2	Start date for issue of document	19.06.2021
3	Last date of submission of pre bid queries	25.06.2021
4	Pre bid meeting	28.06.2021
5	Last date for reply of pre bid queries	30.06.2021
6	Last date and time for submission of Proposal	05.07.2021
7	Date and time of opening of Proposal	06.07.2021
8	Date and Time for Technical Presentation	To be informed
9	Date of declaring the final results and select the shortlisted bidder	To be informed

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**(Expression of Interest)**

**MODEL GOBAR-DHAN PROJECT/ INSTITUTIONAL/ INDIVIDUAL BIO-GAS  
PLANT**

**INTRODUCTION:**

The Govt. of India has launched the GOBAR-Dhan (*Galvanizing Organic Bio-Agro Resources Dhan-GOBAR-DHAN*) scheme on 30 April 2018 at Karnal with the objective of safe and efficient managing of solid waste, especially the bio-agro waste in villages, so that the villages become clean as currently most of the cattle dung and a portion of agricultural waste is used as fuel. The WHO estimates around 5 lakh deaths in India alone because of indoor air pollution caused by unclean cooking fuel. Women and children suffer the most, as they spend most of their time near indoor near cooking hearth.

Biogas, the most common form of biofuel, is a clean form of energy and can be obtained from cattle dung, poultry droppings, crop residue, kitchen waste, etc. Gobar-Dhan shall benefit rural people in general and women from this clean fuel and through improvements on health and cleanliness in the villages. 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 supports creating clean villages which is the objective of Swachh Bharat Mission (Gramin).

Now, the Govt. of India, Ministry of Jal Shakti has launched SBM-G Phase-II which will be implemented from 2020-21 to 2024-25. GOBAR-Dhan is an integral component of SWM for ensuring cleanliness in villages by converting bio-waste including animal waste, kitchen leftovers, crop residue and market waste into biogas and bio slurry to improve the lives of villagers. This is also useful in providing economic and resource benefits to farmers and households. GOBAR-Dhan projects support biodegradable waste recovery by incentivizing Gram Panchayats to convert cattle dung and solid agricultural waste into biogas and bio-slurry. Gram Panchayats may implement this scheme for maximum bio-waste recovery alongside other initiatives like composting and vermi-composting. At least one model community-level biogas plant per district is mandatory under the programme. Rs. 50.00 lakh is permissible for Model Gobar-Dhan

project / Institutional/ Individual Bio-gas plant under SBM-G Phase-II. *To encourage further scaling up of GOBAR-Dhan projects at lower levels (minimum 10 projects per block to be taken up). The States and Districts can plan more projects on GOBAR-DHAN in convergence with other schemes like NNBOMP of Ministry of New and Renewable Energy.*

#### **PURPOSE OF EOI:**

Development & Panchayats Department, Government of Haryana invites eligible firms/ Technical Institutions/ Research Organizations/ NGO's to express their interest in establishing a Technical Agency at State Level for implementing and handholding the Model/ Institutional/Individual Gobar-Dhanto complement initiatives in the villages, and meet the goals of Swachh Bharat Mission. This initiative shall support biodegradable waste recovery and conversion of waste into resources. This shall provide economic and resource benefits to institutions like Gram Panchayat, Gaushalas, SHGs federation, Bulk waste generator etc. and supports creating clean villages which is the objective of Swachh Bharat Mission (Gramin).

#### **PERIOD OF EMPANELMENT**

The eligible bidder would be empanelled for 5 years which would be further extended based upon the Agencies Progress and Outcomes.

#### **ASSIGNMENT/PROJECT TITLE**

Provision of Technical Support to Swachh Bharat Mission for implementation of Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant a component of Solid and Liquid Resource Management under Swachh Bharat Mission-(Gramin).

#### **PROJECT BACKGROUND AND OBJECTIVES**

Rural India generates enormous quantities of bio-waste including animal waste, kitchen leftovers, crop residue, market waste and fecal sludge. According to the 19th Livestock Census of India, 2012, there are about 300 million bovines, 65.07 million sheep, 135.2 million goats and about 10.3 million pigs. At least 5,257 tonnes of waste/day is estimated to be generated from livestock alone. Also, according to Indian Agricultural Research Institute's estimates in 2014, India generated 620 million tonnes of crop residue, of which 300 million tonnes are treated as waste and 100 million tonnes are burnt on farms. To ensure cleanliness in villages and generate wealth and energy by converting cattle dung and solid agricultural waste into compost and biogas and to improve the lives of villagers, the launch of 'Galvanizing Organic Bio-Agro Resources Dhan' (GOBAR-DHAN) project was announced in the Budget Speech of the Hon'ble Finance Minister in

Feb 2018. This initiative is to support biodegradable waste recovery and conversion of waste into resources. The GOBAR-DHAN scheme is expected to engage with people in safe and efficient managing of solid waste, especially the bio-agro waste in villages so that the villages remain clean

GOBAR-DHAN scheme will be focused on supporting villages to be self-reliant through generation of wealth and energy from waste. The objective of the scheme is to increase rural income, rural jobs and to ensure cleanliness in villages by converting bio-waste including animal waste, kitchen leftovers, crop residue and market waste into biogas and bio slurry to improve the lives of villagers.

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 bioenergy 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 fawns to compost, bio-slurry, biogas and bio-CNG. This initiative shall support biodegradable waste recovery and conversion of waste into resources.

### **BROAD SCOPE OF MODEL GOBAR-DHAN PROJECT / INSTITUTIONAL/ INDIVIDUAL BIO-GAS PLANT**

It has been decided to set-up Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant in rural areas for utilizing cattle dung, agricultural waste, kitchen waste to produce Biogas-based energy and bio slurry for agriculture purpose. Meanwhile, the Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant will encourage the Gram Panchayats, Gaushalas, SHGs federations, Bulk Waste Generators and farmers to consider dung and other waste not just as a waste but as a source of income. 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. Gram Panchayats, Gaushalas 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 Support of biogas plants, etc. In

addition to this, it will provide a trading platform 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 Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant is as below:

- Generating wealth from waste in rural areas will require the involvement of all actors and sectors, Gram Panchayats, Gaushalas, SHGs Federations, Bulk Waste Generators etc. 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
- 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
- Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant will help in producing cleaner fuels which will lead to shift to Biogas and Bio CNG.
- 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.
- Providing additional source of income for Gram Panchayats, Gaushalas, SHGs Federations, Bulk Waste Generators etc.
- Though India is energy surplus country there is still large number of populations without access to electricity. This initiative will provide for alternative 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.

## **INSTITUTIONAL ARRANGEMENTS**

**State Level:** State Level Technical Advisory Committee has been set-up. The districts can reach out to technical agencies, experts from the existing STAC and relevant government department for necessary support. The STAC shall support districts in

selecting technical agencies, The STAC will issue EOI's for empanelment of technical agencies which will support the selected application and for empanelling technologies. The STAC will provide policy and implementation support, to ensure timely flow of funds and monitoring/ evaluation of the projects.

**District Swachh Bharat Mission Management Committee (DSBMMC):** DSBMMC has been set-up at district level to approve the DPRs, implementation and monitoring/ evaluation of the projects.

### **BROAD SCOPE OF WORK FOR TECHNICAL AGENCY**

The broad scope of work for Technical agency/Firm under GOBAR Dhan Scheme is: -

- The Technical agency will provide support to the state for the technical and financial feasibility of Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant. Carry out Field Level Data Collection, Investigate Feed Stock, carry out Necessary Soil Investigation, assessing flood/earthquake vulnerability etc.
- The Technical Agency will check the DPR and suggest the implementing agency the design and select appropriate technology based on waste to Biogas&Energy concept.
- The Technical Agency will provide technical support for the feedstock calculation, technical know-how, sustainability factor and cost benefit analysis.
- The Agency will provide the hand holding support in installation, as well as, operation & maintenance of the Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant for a period of 5 years.
- Selection of technology/equipment should meet the Quality Standards, so that there would not be any adverse effect on environment.
- In case, any technical defect comes to notice during installation or running of the project, the technical agency will be responsible for removal of default at its own cost.
- The list of Empanelled agencies will be reviewed and finalized by the State Level Advisory committee (STAC) constituted under SBM (G), Development & Panchayats Department, Government of Haryana.

## **ELIGIBILITY CRITERIA FOR SELECTION OF TECHNICAL AGENCY/FIRM:**

1. The Technical Agency should essentially meet the following eligibility criteria:
  - a. The Technical Agency must be registered under Society registration Act, Trust Act/ cooperative act/companies act/ partnership act/ proprietor act.
  - b. The agency should have a valid Service Tax/ VAT/ TIN/ GST number for the line of business of entity engaged in.
  - c. Pan card of the agency is necessary.
  - d. The agency must possess minimum 3 years' experience, expertise with proven record in implementation of biogas plants (Technical Experience).
2. Documents supporting the experience in similar projects in past 3 years.
3. The agency should not be blacklisted or debarred by any state govt/ union govt.
4. Group/Team/Support Staff having expertise must be provided.
5. The agency must be a profit-making entity in 3 consecutive years in the past 5 Financial Years with an Annual Turnover of more than Rs. 10 Lakhs in the last three Financial years (2018-19, 2019-20 & 2020-21).
6. CA Certified documents with UDIN must be submitted.

## **CLARIFICATIONS ON EOI DOCUMENT:**

The perspective Agency that required any clarifications of the EOI Document may submit their queries to the Mission Director, SBM-G via E-mail to [hssbmdph@gmail.com](mailto:hssbmdph@gmail.com) The queries will be clarified during the Pre-Bid Meeting.

## **PRE-BID MEETING**

- The Pre-Bid meeting would be held on 28.06.2021 at the Development of Panchayat Department, Sector 28 Chandigarh in Committee Room at 3 :00 PM
- Any Modification in the EOI Document which may be necessary as a result of the Pre-Bid meeting would be issued as an Addendum on the Development of Panchayats Department after the date of the Pre-Bid Meeting.
- The Perspectives Agencies would be given subsequent time thereafter if Addendum is issued.



## **FEE TO THE TECHNICAL AGENCY:**

2% of total project cost shall be provided to the technical agency for providing technical support for 5 years. The payment of fee to the technical agency(s) will be the responsibility of entity i.e. Gram Panchayat, SHGs Federation, Gaushala, Bulk Waste Generator etc. The fee will be provided as under:

<b>Year</b>	<b>Stages</b>	<b>Percentage of Turnkey Fee may be released to technical agency</b>
1 <sup>st</sup> Year	Preparation of DPR	15%
	Completion of construction work	15%
	On the functionality of project	25%
2 <sup>nd</sup> year	Technical support for O&M	10%
3 <sup>rd</sup> year	Technical support for O&M	10%
4 <sup>th</sup> year	Technical support for O&M	10%
5 <sup>th</sup> year	Technical support for O&M	15%

## **Terms & Conditions:**

1. State Govt. may assign the consultancy work to one or more agencies.
2. Technical Agency/Firms/NGO shall visit the site to ensure proper technology and construction of Model Gobar-Dhan project / Institutional/ Individual Bio-gas plant
3. The Technical Agency/Firms/NGO will support the implementing agency to complete the work within stipulated time period.
4. The Technical Agency/Firms/NGO shall have to comply with all the rules, regulations, and laws and by laws for the time being enforced and the instruction if any, of the Development & Panchayat Department.
5. The Technical Agency/Firms/NGO shall assist Development & Panchayat Department, as well as, district in representing before various Government/Regulatory bodies on perceived issues related to specific projects.
6. The Technical Agency/Firms/NGO should interact with key stakeholders like Ministry of Drinking Water & Sanitation, HAREDA, Uttar Haryana Bijli Vitran Nigam (UHBVN) & other State Nodal Agencies to gather inputs, synthesize thoughts, garner support as & when required.
7. The Technical Agency/Firms/NGO should not be blacklisted by any Central / State Government / Public Sector Undertaking in Haryana/India.
8. Development & Panchayat Department, Haryana reserves the right to cancel /republish the EoI for Technical Agency/Firms/NGO process, if the necessity arises.

9. The Technical Agency/Firms/NGO, if found to have indulged in any corrupt or fraudulent practices at any stage, their Expression of Interest document, the contract shall be terminated.
10. If the performance of Technical Agency/Firms/NGO found unsatisfactory, the empanelment of concerned Technical Agency/Firms/NGO can be terminated.
11. The empanelment will be from the date of issue of letter and will last upto 5 years of completion of the project.
12. The contract can be further extended with the mutual consent of both parties but on the same terms and conditions.
13. In case, if any dispute arises between the Technical Agency/Firms/NGO and the department, the decision of Director, Development & Panchayat Department, Haryana will be final and binding on both the parties.

**Criteria for selection of Technical Agency(s)**

<b>S. No</b>	<b>Qualification Criteria</b>	<b>Total Marks 50</b>	<b>Document Required</b>
<b>1.</b>	Number of Years' Experience of the Firm in any sector as on -----	<b>Max 25 marks</b>	APPLICANT to submit relevant documents on registration of Company
a	More than or equal to 5 years	25	
b	More than or equal to 4 years, but less than 5 years	20	
c	Experience of 3 years	15	
d	Presentation on the technical support provided/to be provided	<b>25</b>	The presentation will be given before the selection committee.

**PREPARATION FOR SUBMISSION OF EOI:**

- a. The technical agency shall ensure that it fulfills the eligibility criteria and other essential Conditions.
- b. Audited balance sheet for the past 3 consecutive years to be furnished along with the application.
- c. The Eol complete in all respects must be submitted together with requisite information and annexures.
- d. The Eol should be free from the ambiguity, change or interlineations.
- e. Incomplete Eol will not be considered and is liable to be rejected without making any further reference to the entity.
- f. The Eol shall be duly signed on each page by person authorized by the agency.
- g. The included annexure I, II, III, IV and V shall also be attached along with technical proposal for furnishing details to evaluate the agency's competency in the field.

## Annexure-I

### LETTER OF SUBMISSION

(On the Letter head of the technical agency including full Postal Address, and telephone, facsimile and e-mail address.)

Reference No.

Date:

To

Development & Panchayats Department,  
Government of Haryana

Sir,

**Subject: “Expression of Interest (Eoi) for the empanelment of Technical Agency providing technical support to the Implementing Agency for composting and bio- methanation processes/DPR preparation plant installation, O& M support for 5 years in GOBAR DHAN scheme.**

Having examined and understood the details given in Eoi document for the above project, we ..... hereby submit the relevant information for considering the EOI for Technical agency for the Technical support to the implementing agency for composting and bio- methanation processes/plant installation, O&M support for 5 years in GOBAR DHAN scheme under Development & Panchayats Department, Government of Haryana

- 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 supply.
- c) We also authorize Swachh Bharat Mission (Gramin) or their authorized representative to approach individuals, employers and entities to verify our competence 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 country.

Signature of the Authorized

Signatory Seal of the Company

Date of Submission

## **Annexure-II**

### **GENERAL INFORMATION OF TECHNICAL AGENCY**

Note. Separate sheets may be used wherever necessary

1. Name & Address of the Technical Agency:
2. Name & Designation of the concerned officer to whom all reference shall be made:
3. Phone Nos / Mobile Nos/ Fax Nos:
4. E-Mail ID:
5. Chief of the Agency:  
E-mail Id:  
  
Telephone:
6. Total No. of Employees/Technical Manpower Strength:
7. Type of the Organization (Public Sector/Limited/Private limited /Partnership /Proprietary / Society/ Any other)
8. No. of offices / Centers (enclose the list):
9. Bidder's Proposal No. & Date:
10. Any other information that bidder may like to give in order to highlight his bid:
11. Name & Address of local representative, if any:

Place

Signature of agency

Date

Authority: Full Name

Designation

Seal

### Annexure III

Name of the technical agency:

#### Details of works and services of similar nature done by the party

No.	Name of Agency	Description of work	Value of work	Period		Remarks
				"From	To	

Note: Photocopy of Performance Certificate/ Completion Certificate/Satisfaction Certificate of Client in support of the work mentioned above may be enclosed.

Note: Separate sheets may be used wherever necessary.

Signature of the agency authority

**Annexure-IV**

**(Information regarding Human Resources)**

S. No.	Name of Persons	Educational Qualification	Total Years of relevant experience	Email ID	Contact number

Signature of the agency authority

**Annexure-V**

**Declaration**

(Affidavit to be signed by authorized signatory)

I.....(Name of the agency) that our firm is not blacklisted or debarred by any State Govt/Govt Agency/PSU/GoI, if any information is wrongly quoted or submitted by us will result in disqualification of our firm.

Signature of Authorized Representatives

Date: ...