

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

(Expression of Interest)

GALVANIZING ORGANIC BIO-AGRO RESOURCE (GOBAR-DHAN)

INTRODUCTION:

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 (Rural), the Government of India strides to use animal dung and other bio-waste to produce energy.

The Swachh Bharat Mission (Gramin) 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, 135.20 million goats and about 10.30 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.

PURPOSE OF EOI:

Development & Panchayats Department, Government of Haryana invites eligible firms/ Technical Institutions / Research Organizations/NGO's to indicate their interest in establishing a

Technical Agency at State Level for implementing and handholding the GOBAR-DHAN scheme to complement initiatives in districts, 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 farmers and households and also supports creating clean villages which is the objective of Swachh Bharat Mission(Gramin).

ASSIGNMENT/PROJECT TITLE

Provision of Technical Support to the Project (GOBAR-DHAN) under Swachh Bharat Mission, for implementation of Solid and Liquid Resource Management component under Swachh Bharat Mission-(Gramin).

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

BROAD SCOPE OF WORK

It has been decided to set-up 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 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 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 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
- 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
- Gobar Dhan Yojna will help in producing cleaner fuels which will lead to shift to Bio Gas 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 farmers. Thus aids in achieving the target of doubling of farmer's income by 2022.
- Though India is energy surplus country there is still large number of population 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.

IMPLEMENTATION PROCESS

- a) State Mission Director will issue sanction order to the Entity for constructing the Bio-Gas Plant after approval from STAC.
 - b) Entity will initiate setting up the project as per prescribed timeline.
 - c) Entity ensures deployment of staff needed for construction and management of the project.
 - d) Entity will select collectors of waste preferably from the local population. They will be provided basic training in waste management including collection, segregation and transportation, through a state approved agency / KRC. Training plan will be decided in consultation with STAC.
 - e) Release of incentive to Entity as prescribed in guideline / GoI policy.
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- f) Functioning of the project will be monitored periodically by district / State / Centre.

INSTITUTIONAL ARRANGEMENTS

State Level: State Level Technical Advisory Committee has been set-up to approve the DPRs, 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 biogas plant.
- The Technical Agency will check the DPR and suggest the implementing agency the design and proper technology based on waste to 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 project for a period of 5 years.
- Selection of technology/equipment should meet the Quality Standards, so that there would be no 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 ServiceTax/VAT/TIN/GST number for the line of business of entity engaged in.
 - c. Pan card of the agency
 - d. The agency must possess minimum 3 years' experience, expertise with proven record in implementation of biogas plants (Technical Experience).
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2. Documents supporting the past experience.
3. The agency should not be blacklisted or debarred by any state govt / union govt.

TURNKEY FEE TO THE TECHNICAL AGENCY:

As per GOBAR-DHAN guidelines, 20% of total incentive released can be used to pay technical agency as turnkey fee. There are 4 Models for implementation of the projects. As per GOBAR-DHAN guidelines, the Model wise incentive is as under:

- i) **Model-A (Gram Panchayat):** Rs. 3.5 lakh, Rs. 6.00 lakh, Rs. 7.5 lakh and Rs. 10.00 lakh for a GP having households up to 150, 300, 500 and more than 500 respectively.
- ii) **Model-B (SHG Federation):** Rs. 3.5 lakh, Rs. 6.00 lakh, Rs. 7.5 lakh and Rs. 10.00 lakh for a GP having households up to 150, 300, 500 and more than 500 respectively.
- iii) **Model-C (Bulk Waste Generator/ Entrepreneur)** is Rs. 2.8 lakh, Rs. 4.8 lakh, Rs. 6.00 lakh and Rs. 8.00 lakh for a GP having households up-to 150, 300, 500 and more than 500 respectively.
- iv) **Model-D (Any Eligible Enterprise):** No incentive

The model wise turnkey fee to be provided to the Technical Agency for providing technical support is as under:

Model-A: GP		Model-B: SHG Federation		Model-C: Bulk Waste Generator/Entrepreneur	
Total Incentive to GP on the basis of households in the GP	Turnkey Fee (20%) of the incentive (in lakh)	Total Incentive to SHG Federation on the basis of households in the GP	Turnkey Fee (20%) of the incentive (in lakh)	Total Incentive to SHG Federation on the basis of households in the GP	Turnkey Fee (20%) of the incentive (in lakh)
150 HHs – 3.5 lakh	0.70	150 HHs – 3.5 lakh	0.70	150 HHs – 2.8 lakh	0.56
300 HHs – 6 lakh	1.20	300 HHs – 6 lakh	1.20	300 HHs – 4.8 lakh	0.96
500 HHs – 7.5 lakh	1.50	500 HHs – 7.5 lakh	1.50	500 HHs – 6 lakh	1.20
> 500 HHs – 10 lakh	2.00	> 500 HHs – 10 lakh	2.00	> 500 HHs – 8 lakh	1.60

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 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 black-listed 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 up to 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)

S. No.	Qualification Criteria	Total Marks 50	Document Required
i)	Number of Years' Experience of the Firm in any sector as on 31.12.2018	Max 25 marks	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	
ii)	Presentation on the technical support provided/to be provided	25	The presentation will be given before the selection committee.

PREPARATION FOR SUBMISSION OF Eol:

- 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.
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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

Sr,

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 GOBARDHAN 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-11

**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 no.s / Mobile no.s / 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
:
Date:

Signature of agency authority:
Full Name

Designation

Seal:

Annexure III

Name of the TECHNICAL AGENCY:

DETAILS OF WORKS AND SERVICES OF SIMILAR NATURE DONE BY THE PARTY (which best illustrate Qualification):

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)

SN	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 being 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
