

Expression of Interest (Eoi)

for

Selection of Solar Power Developer for setting up of
Grid connected Floating Solar Power Plant
on Salaulim, Amthanem, Anjunem and Chapoli Dams in the State of Goa on Design,
Built, Finance and Operate Model for a period of 25 years.

Tender Document No.: 4-9/NRE/FSPVP/SJVN/2021-22/88 dated 27th August 2021

DEPARTMENT OF NEW & RENEWABLE ENERGY (DNRE)

Government of Goa,

5TH Floor , Goa-IDC Building, Patto Panaji, Goa 403001

Tel : 0832- 2437407/408 , Email : dir21nre@gmail.com

EOI NOTICE

Department of New & Renewable Energy (DNRE)
Government of Goa,
5TH Floor , Goa-IDC Building, Patto Panaji, Goa 403001
Tel : 0832- 2437407/408 , Email : dir21nre@gmail.com

NO: 4-9/NRE/FSPVP/SJVN/2021-22/88

Dated: 27/08/2021

DNRE intends to invite Expression of Interest (EOI) for selection of Solar Power Developer (SPD) from prospective Floating Solar Power Plant Developers/ eligible Bidders/Companies for setting up of **Grid connected Floating Solar Power Plant** on Salaulim, Amthanem, Anjunem and Chapoli Dams in the State of Goa on Design, Built, Finance and Operate Model for a period of 25 years.

Details of EOI Schedule

1.	Date of issuance of EOI	28/08/2021
2.	Site Visit	28/08/2021 to 14/09/2021
3.	Pre-bid meeting / clarification meeting	15/09/2021 at 11.00 hrs.
4.	Last date of acceptance of queries/comments from bidders	17/09/2021
5.	Issue of Response to bidders queries	23/09/2021
6.	The last date of EOI submission	30/09/2021 upto 16:30 hrs

Note: In case of any Holiday on the scheduled day, same time on the next working day shall be considered unless notified.

The interested bidders/companies shall download the EOI document available on Government portal www.goa.gov.in from 28/08/2021

Director (NRE) reserves the rights to accept/reject any EOI without assigning any reason thereof.

Sd/-
(Alexio da Costa)
Director (NRE)

Expression of Interest

Subject: DNRE intends to invite EOI for selection of Solar Power Developer for setting up of Grid connected Floating Solar Power Plant Project on following four dams in the State of Goa from prospective Floating Solar Power Plant eligible Bidders/Companies on Design, Built, Operate and Finance Model for a period of 25 years.

Sr. No.	Name of Dam	Address
1.	Salaulim	Sanguem , Goa 403704
2.	Anjunem	Gonteli, Sattari Goa 403505
3.	Amthane	Amthane, Dumacem Goa 403503
4.	Chapoli	Chaudi, Canacona Goa 403702

Objective of the EOI:

The objectives of EOI are as follows:

- Solar Power Generation.
- Conservation of water due to less evaporation.
- Creation of employment to the rural community.
- Higher solar generation due to maintained temperature of solar panels.
- As the solar power project will be installed on water surface, the other land surfaces for same capacity of project can be utilized for other purpose.
- Land cost is not applicable.

The Department of New and Renewable Energy has the business domain as indicated herein below:-

1. To promote and facilitate establishment and installation of Renewable Energy generation units.
2. To promote Research and Development in the field of Renewable Energy.
3. To promote circular economy and sustainable development goals through production of clean energy in the state.
4. To utilize to the fullest possible extent all the resources of renewable energy for generation of power or use as alternative fuels.
5. To create awareness among students, public and industry about the new and renewable energy sources and their importance in conservation of environment and reduction of carbon footprint.
6. To promote and facilitate use of energy efficient devices for conservation of energy.
7. To promote use of Electric vehicles.
8. To promote use of alternative sustainable technologies for agriculture, preservation of food, industrial, waste management / treatment, recycling of treated wastewater.

Salient features of EOI:

- DNRE shall invite bids from prospective developers who are willing to set up Floating Solar Power Plant Project on four Dams
- DNRE will assist in providing required area at all four dams from Water Resource Department (WRD) for installation of Floating Solar Power Plant Project .
- The scope of the Developer will include the Construction of Grid connected Floating Solar Power Plant on the water surface available on all four dams with Operation and Maintenance and the possible evacuation of the Power & its transmission arrangement up to nearest substation.
- The bidders will be asked to submit their concept note and feasibility report along with the following,
 - a) Technical and financial Feasibility of the concept.
 - b) Bidder's technical and financial capability.

DNRE scope of work:

- DNRE will assist in signing of Power Purchase Agreement (PPA) between SPD and Department of Electricity Goa (EDG) and Power Sale agreement (PSA) subject to tariff approved by Joint Electricity Regulatory Commission (JERC).
- DNRE will assist the SPD for obtaining the permissions from Water Resources Department (WRD).

Bidders scope of work:

- a. The main scope of the Bidder is to assess the potential of the Grid connected Floating Solar Power Plant capacity at each location
- b. The scope of the work also includes Design, Engineering, Manufacture, Supply, Erection, Testing And Commissioning of the Plants with Operation and Maintenance and the evacuation of the Power & its transmission up to nearest substation.
- c. However, the projects would be technology agnostic within the technology approved by the MNRE i.e. crystalline silicon or thin film. Only commercially established and operational technologies can be used, to minimize the technology risk and to achieve the timely commissioning of the Projects
- d. SPD will construct & erect complete evacuation line along with ABT meters from the switchyard of Grid connected Floating Solar Power Plant Project to the nearest substation

Submission of EOI:

Interested Bidders are required to submit the response in sealed envelope with the complete information in all respect as per the enclosed format **Annexure - A**. The furnished information shall be supported with relevant documents if any.

Disclaimer:**Prospective respondent to this EOI acknowledges and agrees that:**

- DNRE has issued this Expression of Interest with the best intention to explore the market for eligible and interested bidders and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.
- It is also agreed that DNRE in its sole discretion, may reject any and all proposals made by respondent(s), may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- Prospective respondent(s) acknowledge and agree that response to the EOI is purely voluntary action on their part and for any expenditure on this account shall be borne by the respondent(s).

Terms and Conditions:

1. DNRE has sole right to accept or reject any or all proposals/ concepts.
2. The last Date for the submission of Hard Copy of the Eoi is on or before 30.09.2021
3. The Bidders /Companies who are interested are requested to submit their offer along with Concept note, feasibility report, financial model, type of module technology, structure of joint venture/ partnership, in sealed envelope on or before 30/09/2021 at the office of DNRE Patto , Panaji.
4. The hard copy of complete Eoi to be submitted to DNRE on following address:

Director (NRE)

DEPARTMENT OF NEW & RENEWABLE ENERGY (DNRE)

Government of Goa,

5TH Floor , Goa-IDC Building, Patto Panaji, Goa 403001

Tel : 0832- 2437407/408 , Email : dir21nre@gmail.com

Format for EoI

Annexure – A

1. **Details of the Respondent** (enclose copies of all relevant documents)

Sr. No.	Parameters	Details
i.	Name and address of the Company Company registration no. GST registration no.	
ii.	Country of Incorporation	
iii.	Status of the Company: a) Whether registered under the Companies Act 1956 / the Companies Act 2013 b) If not, Country of Incorporation	
iv.	Net Worth of the Company (as on 31.03.2020 or closure of FY 2020)	
v.	Annual turnover of the Company as on 31.03.2020 or of FY 2020	
vi.	Past Experience as an Independent Power Producer: a) Total cumulative solar project capacity (including ground mounted, floating PV, rooftop projects etc.) (MW) b) Total cumulative floating solar PV project (MW)(if any) enclose as per Format-A2	
vii.	Indicative Cost (Rs Cr / MW) a) PV Modules b) Inverters c) Balance of Plant Equipment d) Floating Platform e) Civil & Structure Other Electrical Equipment including transformers, cables etc. upto interconnection	
viii	Water Body Area Requirement (Acre/ MW)	
ix.	Indicative PPA tariff (Rs /kWh)	

Annexure – A2- Past Experience Details

Sl. No.	Project Capacity (MW)	Location (District, State, Country)	Floating Platform Technology	Status of Construction (Commissioned / under construction)	Operational / Commissioned since (year)	Power Sale Arrangement (Captive/ PPA)	PPA Tariff (Rs/ kWh)	Annual Average CUF (%)

We hereby declare that above information are true and providing such information details are not in violation of any of the Agreements to the best of my knowledge.

Signature:
Name:
Designation:
(Authorised Signatory)

