

Expression of Interest (EoI)

for

Selection of Solar Power Developer for setting up of Grid connected Solar Power Plant

**at various places (10 locations) in the State of Mizoram on Design,Built, Finance,
Operation & Maintenance for a period of 25 years.**

Tender Document No: T-15010/01(B)/2017-EC(P)/W/Part/10, dt. 14.09.2022

POWER & ELECTRICITY DEPARTMENT (P&ED)

Government of Mizoram,

1st Floor, Kawlphetha Building, MINECO, Khatla, Aizawl, Mizoram- 796 001

Tel: 0389-2336848, e-mail: eincpower@gmail.com

DISCLAIMER

The information contained in this Expression of Interest document “**EOI**” or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of P&E Department, Government of Mizoram or any of their employees or advisers, is provided to Applicants on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.

This EOI is not an agreement and is neither an offer nor invitation by P&E DEPARTMENT, GOVERNMENT OF MIZORAM to the prospective Applicants or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in the formulation of their Offers pursuant to this EOI. This EOI includes Statements, which reflect various assumptions and assessments arrived at by P&E DEPARTMENT, GOVERNMENT OF MIZORAM in relation to the providing consultancy services. Such assumptions, assessments and Statements do not purport to contain all the information that each Applicant may require. This EOI may not be appropriate for all persons, and it is not possible for P&E DEPARTMENT, GOVERNMENT OF MIZORAM, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this EOI. The assumptions, assessments, Statements and information contained in this EOI, may not be complete, accurate, adequate or correct. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this EOI and obtain independent advice from appropriate sources.

Information provided in this EOI to the Applicants is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative Statement of law. P&E DEPARTMENT, GOVERNMENT OF MIZORAM accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

P&E DEPARTMENT, GOVERNMENT OF MIZORAM, its employees and advisers make no representation or warranty and shall have no liability to any person including any Applicant under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the EOI and any assessment, assumption, Statement or information contained therein or deemed to form part of this EOI or arising in any way in this Selection Process.

P&E DEPARTMENT, GOVERNMENT OF MIZORAM also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any Applicant upon the Statements contained in this EOI. P&E DEPARTMENT, GOVERNMENT OF MIZORAM may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this EOI.

The issue of this EOI does not imply that P&E DEPARTMENT, GOVERNMENT OF MIZORAM is bound to select an Applicant or to appoint the Selected Applicant, as the case may be, for providing consultancy services and P&E DEPARTMENT, GOVERNMENT OF MIZORAM reserves the right to reject all or any of the Offers without assigning any reasons whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Offer including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by P&E DEPARTMENT, GOVERNMENT OF MIZORAM or any other costs incurred in connection with or relating to its Offer. All such costs and expenses will remain with the Applicant and P&E DEPARTMENT, GOVERNMENT OF MIZORAM shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation for submission of the Offer, regardless of the conduct or outcome of the Selection Process.

EOI NOTICE

POWER & ELECTRICITY DEPARTMENT (P&ED)

Government of Mizoram,

1st Floor, Kawlphetha Building, MINECO, Khatla, Aizawl, Mizoram- 796 001

Tel: 0389-2336848, e-mail: eincpower@gmail.com

No: T-15010/01(B)/2017-EC(P)/W/Part/10

Dated: 14.09.2022

P&ED, Mizoram intends to invite Expression of Interest (EOI) for selection of Solar Power Developer (SPD) from prospective Solar Power Plant Developers/ eligible Bidders/Companies for setting up of **Grid connected Solar Power Plant** at Buarpui (1 site), Aithur (2 sites), Seling (1 site), Lungkawlh (1 site), Biate (1 site), Cherhlun (1 site), Sumsuih (2 sites), North Vanlaiphai (1 site) in the State of Mizoram on Design, Built, Finance, Operation & Maintenance for a period of 25 years.

Details of EOI Schedule

1.	Date of issuance of EOI	Dt. 16.09.2022
2.	Site Visit	As per convenience of Bidders
3.	Pre-bid meeting / clarification meeting	Dt. 07.10.2022
4.	Last date of acceptance of queries/comments from bidders	Dt. 21.10.2022
5.	Issue of Response to bidders' queries	Dt. 04.11.2022
6.	The last date of EOI submission	Dt. 15.11.2022

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 P&ED, Mizoram website <http://power.mizoram.gov.in> from dt.16.09.2022.

P&ED, Mizoram reserves the rights to accept/reject any EOI without assigning any reason thereof.

Sd/-
(F. LALRINPUIA)
Engineer-in-Chief
(P&ED, Mizoram)

Expression of Interest

Subject: P&ED, Mizoram intends to invite EOI for selection of Solar Power Developer for setting up of Grid connected Solar Power Plant Project at Buarpui (1 site), Aithur (2 sites), Seling (1 site), Lungkawlh (1 site), Biate (1 site), Cherhlun (1 site), Sumsuih (2 sites), Thenzawl (1 site), North Vanlaiphai(1 site) in the State of Mizoram on Design, Built, Finance and Operate Model for a period of 25 years.

Sl. no	Name of Site	Name of Village	Name of District	Approx. distance from State capital (in km)	Anticipated Capacity (in MWp)
1	Hnarbo Ram	Buarpui	Serchhip	120	1.0
2	Tuipui Ram	Aithur	Hnahthial	187	1.0
3	Mauhak Mual	Seling	Saitual	45	2.0
4	Kelkhum Hnuai	Lungkawlh	Serchhip	164	3.0
5	Ralvawng Tlang	Biate	Khawzawl	211	3.0
6	Ranhuang Tlang	Sumsuih	Aizawl	50	3.0
7	Ngirtlu Ram	Cherhlun	Hnahthial	177	4.0
8	Sabual Ram	Aithur	Hnahthial	187	5.0
9	Dilkawn Ram	Sumsuih	Aizawl	50	5.0
10	Pamtul Ram	North Vanlaiphai	Serchhip	157	20.0

Objective of the EOI:

The objectives of EOI are as follows:

- Solar Power Generation.
- Transmission of solar power nearest injection point.
- Creation of employment to the rural community.
- As the solar power project will be installed on ground surface, proper dressing of surface will be required.
- Land will be provided by Government of Mizoram.

The Power & Electricity Department, Mizoram has the business domain as indicated herein below: -

1. To promote and facilitate establishment and installation of Renewable Energy generating 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.

Salient features of EOI:

- P&E Department shall invite bids from prospective developers who are willing to set up SolarPower Plant Project in the state of Mizoram.
- P&E Department will provide required area of land at all selected sites (locations) for installation of Solar Power Plant Project free of cost.
- The scope of the Developer will include the Construction of Grid connected Solar Power Plant on ground surface available on all selected sites including construction of necessary switchyard, necessary buildings and evacuation line up to nearest substation where power generation is to be injected along with Operation and Maintenance for 25 years.
- 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.

P&E Department scope of work:

- P&E Department will assist in signing of Power Purchase Agreement (PPA) between SPD and Government of Mizoram (GoM) and Power Sale agreement (PSA) subject to tariff approved by Joint Electricity Regulatory Commission (JERC for Manipur & Mizoram).
- P&E Department will assist the SPD for obtaining the permissions from Government of Mizoram for movement of workers.

Bidders scope of work:

- a. The main scope of the Bidder is to assess the potential of the Grid connected 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 injecting substation including construction of necessary Bays at P&E Department's nearest substation where solar power is to be generated.
- 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 install suitable meters at solar power plant and injecting Grid substation where solar power generate is to be injected. Joint calibration should be done by P&ED and SPD initially and time to time.

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.

Terms and Conditions:

1. P&E Department 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 15.11.2022 at 1:00PM.
3. The Bidders /Companies who are interested are requested to submit their offer along with Concept note, feasibility report, and financial model, type of module technology, structure of joint venture / partnership, in sealed envelope on or before 15.11.2022 (1:00PM) at the office of P&ED.
4. The hard copy of complete EoI to be submitted on the following address:

Engineer-in-Chief,
Power & Electricity Department,
Government of Mizoram,
1st Floor, Kawlphetha Building, MINECO,
Khatla, Aizawl – 796 001, Mizoram.
Tel: 0389-2336848, e-mail: eincpower@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 / Firms GST registration no.	
ii.	Status of the Company: Whether registered under the Companies Act 1956 / the Companies Act 2013	
iii.	Net Worth of the Company/Firms (as on 31.03.2022 or closure of FY 2022)	
iv.	Annual turnover of the Company/Firms as on 31.03.2022 or of FY 2022	
v.	Past Experience as an Independent Power Producer (if any): a) Total cumulative solar project capacity (including ground mounted, floating PV, rooftop projects etc.) (MW) b) Total cumulative ground mounted solar PV project (MW) (if any) enclose as per Format-A2	
vi.	Indicative Cost (Rs. Cr / MW) a) PV Modules b) Inverters c) Balance of Plant Equipment d) Module Mounting Structure e) Civil & Structure Other Electrical Equipment including transformers, cables etc. up to interconnection	
vii.	Land Area Requirement (Acre/ MW)	
viii.	Indicative PPA tariff (Rs. /kWh)	

Annexure – A2- Past Experience Details (If any)

Sl. No.	Project Capacity (MW)	Location (District, State, Country)	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 the above information is 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):