

**GOVERNMENT OF MEGHALAYA  
POWER DEPARTMENT, ADDITIONAL SECRETARIAT BUILDING  
SHILLONG  
EXPRESSION OF INTEREST**

**No.POWER-113/2020/176**

**Dated: 09-12-2021.**

The Government of Meghalaya invites Expression of Interest (EOI) from the eligible Power Project Developers for Design, Engineering, Installation, Maintenance and Operations up to 25(Twenty Five ) years for Solar/Wind /Biomass Power Projects on BOOT/DBOT/BOOM Model having past experience within the frame work of Power Policy of the State Government

Sl. No.	Description	Date
1	Start date of issue of EOI	10-12-2021
2	Pre-bid meeting	17-12-2021
3	Last date of acceptance of queries/comments from bidders on line	20-12-2021
4	Issue of Response to bidder 's queries	22-12-2021
5	Last date of on line Submission of EOI up to 12:00 p.m.	10-01-2022
6	Date of opening of E.O.I. at 15:00 Hrs	10-01-2022

The interest bidders/companies can download the EOI document from website [www.meghalayatenders.gov.in](http://www.meghalayatenders.gov.in) from 10-12-2021 free of cost.

Power Department reserves the rights to accept/reject any EOI without assigning any reason thereof.

*Sd/-*  
Chief Technical Adviser ( Generation)  
Power Department,  
Government of Meghalaya  
Shillong.

Copy to:-

1. The P.S. to the Deputy Chief Minister i/c, Power for kind information of the Hon'ble Deputy Chief minister.
2. The P.S. to the Chief Secretary, Government of Meghalaya for kind information of the Chief Secretary.
3. The Chairman-cum-Managing Director, Meghalaya Energy Corporation Limited, "Lumjingshai", Shillong
4. The Principal Secretary to the Government of Meghalaya, Power Department.
5. The Secretary to the Government of Meghalaya, Power Department
6. The Director of Information & Public Relations, Government of Meghalaya, Shillong for favour of Publication of the above notice in the 2 (two) National Dailies & 2 (two) state / local newspapers.
7. The State Informatic Officer (SIO), NIC, Shillong with a request to kindly place the above E.O.I in the State portal for wide publicity.
8. The Director (Generation), Meghalaya Power Generation Corporation Limited, Shillong, with a request to place the above notice & revised E.O.I in the MeECL portal.
9. The Director (Distribution), MePDCL, Shillong.
10. The Director (Transmission), MePTCL, Shillong.
11. The Director, Meghalaya New and Renewable Energy Development Agency, Shillong.

  
Chief Technical Adviser (Generation)  
09/12/21  
Power Department,  
Government of Meghalaya  
Shillong.

## **Expression of Interest**

### **Subject:**

Expression of Interest (EOI) is invited from the eligible Power Project Developers online for Design, Engineering, Installation, Maintenance and Operations up to 25(Twenty Five ) years for Solar/Wind /Biomass Power Projects on BOOT/DBOT/BOOM Model having past experience

### **Objective of EOI:**

Power Department intends to invite Expression of Interest from developers for the Empanelment/allotment of Solar/Wind/Biomass Power Projects for development of Solar/Wind/Biomass Power projects for 25 years in the State of Meghalaya. The objective of EOI is to increase the Solar/Wind/Biomass Power Generation in the State.

## **INTRODUCTION**

### **General**

Meghalaya is a hilly state in the North Eastern Region of India. The State lies between 25° 01' N and 26° 5' N latitude and 89° 50' E and 92° 49' E longitude.. The population of Meghalaya as of 2016 is estimated to be 3,211,474. Meghalaya covers an area of approximately 22,430 square kilometers, with a length-to-breadth ratio of about 3:1. The population density is 143 persons per sq.km.

The State is predominantly inhabited by the tribal communities comprising of Khasis, Jaintias and Garos, all identified by a strong form of matriarchal society. Most of the people are Christians. The strong existing tribal culture has ethnic origins. The village headman/Nokma continues to be a powerful authority in the affairs of the people. Again the land tenure system is slightly different. Most of the lands belong to people and various clans. The Government does not have much say on the private land.

Guwahati is the nearest airport and rail head though there is a small airport at Umroi, about 20 km from Shillong with limited operations. Meghalaya have only one railway head at Mendipathar (North GaroHills). Shillong, the state capital lies 103 km South of Guwahati and is connected by 4-lane expressway NH-40. Shillong is connected with Jowai by NH-44, the major town of the State 65 km to the East. Tura, in Garo Hills can be to be approached from Assam through PAIKAN by NH51 and through Nongstoin by NH-44E

The State is presently divided into twelve administrative districts as under:

Sl. No.	District	Headquarters	Area (Sq.Km)	Population (2011)
1.	East Khasi Hills	Shillong	2748	8,24,059
2.	Ri-Bhoi	Nongpoh	2376	2,58,840
3.	West Khasi Hills	Nongstoin	5247	
4.	East Garo Hills	Willamnagar	1490	1,32,257
5.	West Garo Hills	Tura	3714	5,18,390
6.	South Garo Hills	Baghmara	1887	1,42,574
7.	West Jaintia Hills	Jowai	1693	2,70,352
8.	East Jaintia Hill	Khliehriat	2115	1,22,436
9.	North Garo Hills	Resubelpara	1,113	1,18,325
10.	South West Garo Hills	Ampati	822	1,70,794
11.	South West khasi Hills	Mawkyrwat	1341	1,10,152
12.	Eastern West Khasi Hills	Mairang		
			<b>22,429</b>	<b>23,18,822</b>

In addition, there are autonomous district councils, namely Khasi Hills Autonomous District Council covering the districts of Khasi Hills and Ri-Bhoi, Jaintia Hills Autonomous District Council and Garo Hills Autonomous District Council going by the name.

Shillong is the Capital city. It is a major hill station of the country, originally developed by the British. It is a popular tourist destination because of its scenic beauty, often referred to as Scotland of the East. The city is known for its waterfalls, flower gardens, fruits and vegetable markets. The place has a strong British legacy characterized by old missionary educational and religious institutions.

### Topography

The Khasi Hills and the Jaintia Hills, which form the Central and Eastern part of Meghalaya, is an imposing plateau with rolling grasslands, hills and river valleys, underneath millions of pine trees. The Shillong plateau is incised by numerous river valleys. The southern face of the plateau is marked by a continuous escarpment with deep gorges and abrupt slopes. At the foot of these slopes, a narrow strip of plain land runs along the International Boundary with Bangladesh. Waterfalls rush down steep slopes and carve deep valleys through which swift flowing rivers descend to the plains. The plateau is highly dissected and has irregular terrain in the Western and Northern side. The Northern side of the plateau has an undulating topography with a series of hills rising to almost same height, extending northward to slope gradually merging with the plains of Assam. The summit of these hills varies from 170m to 820m. The height of the Central Plateau of the Khasi Hills hovers around 1500m with Shillong peak (1965m), the highest point in the plateau, overlooking Shillong city.

The Garo Hills which form the Western part of the plateau in Meghalaya are lower in elevation. The greater part of the Garo Hills range in height from 450m to 600m and drop steeply to the Brahmaputra valley on the North and to the plains of Bangladesh on the South. Nokrek peak (1412m), east of Tura Town, is the highest peak in the Western Meghalaya.

### **Geology**

The Shillong (Meghalaya) Massif is the oldest North Western pulmonary of the Indian Shield which occupies a crucial tectonic position between Himalaya in the North and the Indo-Burmese Arc to the East. The Massif is only landmass, which existed in the Region before the break up of Gondwana land in Jurassic time. The plateau consists of high grade gnessic complex overlain by mildly deformed Proterozoic intra-cratonic sediments of Shillong Group with meta-volcanic khasi green stones.

As per 2002 Bureau of Indian Standards (BIS), this State falls under zone-V. Historically, parts of the State have experienced seismic activity greater than M 6.0 including an M 8.1 in 1897.

### **Climate**

The State of Meghalaya is directly influenced by the South West Monsoon and the North East winter winds. The four seasons of Meghalaya are: Spring - March and April, summer (Monsoon) - May to September, Autumn - October and November and Winter - December to February. During March and April, the atmosphere gradually warms up with the advent of spring. From the middle of April the temperature starts rising to the maximum in the month of June and then decreases gradually. This period may be termed as the summer (Monsoon) season. The maximum temperature recorded is 34° Celsius at Tura in West Garo Hills District and 28° Celsius at Shillong.

October and November are the two months when the climate is cool and temperate. After November, the winter season sets in and continues up to the end of February. During these months the temperature comes down to as low as 2° Celsius in the Khasi Hills. Rainfall starts by the third week of May and continues right up to the end of September and sometimes well into the middle of October. The maximum rainfall occurs over the southern slopes of the Khasi Hills, i.e., over Sohra and Mawsynram platform, which receive the heaviest rainfall the World with an average annual rainfall of the order of 12,000mm. During the last two decades, it has ranged from 11,995 mm to 14,189 mm in Sohra and over Mawsynram it was 10,689 mm to 13,802 mm. Shillong has an average rainfall of 2500mm.

### **Renewable Energy in the North - Eastern Region States**

Special attention is being given by the Government of India through Ministry of New and Renewable Energy to the development of renewable energy in the entire North Eastern region through a separate budgetary allocation of 10% under various Renewable Energy programmes for deployment of grid and off grid Solar Energy Systems, Wind Energy Systems, Small Hydro Projects and Bio-gas Plants among others, in the region. A total of estimated potential for renewable energy in the North Eastern Region

from Solar, Small Hydro and Bio-energy is around 65,837 MW, a substantial part of which is suitable for grid connected applications.

State-wise details as published in the Annual Report of MNRE for the year 2020-21 are shown below:

Sl. No	STATES	Small Hydro Power	Bio-Energy		Solar	Total
			Biomass Power	Waste To Energy		
			(MW)	(MW)		
1	Arunachal Pradesh	2064.92	8	---	8650	10723
2	Assam	201.99	212	8	13760	14182
3	Manipur	99.95	13	2	10630	10745
<b>4</b>	<b>Meghalaya</b>	<b>230.05</b>	<b>11</b>	<b>2</b>	<b>5860</b>	<b>6103</b>
5	Mizoram	168.90	1	2	9090	9261
6	Nagaland	182.18	10	-	7290	7482
7	Sikkim	266.64	2	-	4940	5209
8	Tripura	46.86	3	2	2080	2132
TOTAL		3261.49	260	16	62300	65837

At present, development of Solar Parks of 10 MW each is being taken up by the State at Suchen and Thamar, East & West Jaintia Hills District, totaling to 20MW

National Institute of Wind Energy (NIWE) in collaboration with RISO DTU, Denmark had prepared the Indian Wind Atlas for the country including NE Region during the year 2010. According to this Indian Wind Atlas, the wind potential of NE at 50 meter level is estimated to be 406 MW. The State-Wise break-up is given below

Sl. No	States	Estimated potential (MW)
1	Arunachal Pradesh	201
2	Assam	53
3	Manipur	7
4	<b>Meghalaya</b>	<b>44</b>
5	Nagaland	3
6	Sikkim	98
TOTAL		406

## GENERAL CONDITIONS

1. The Bidders should have strong financial and technical base with adequate free investible reserves and surpluses and requisite technical capability necessary for the development of the Renewable Energy Projects in the state of Meghalaya.
2. The Projects will be allotted on the basis of tentative installed capacity as mentioned in the EOI. However, in case the capacity of the Project increases/decreases upon firming up of the potential which will be finalized at the time of grant of TEC ( Techno Economic Clearance) by the competent authority, the Developer will be required to sign fresh/ revised IA ( Implementation Agreement) with the Govt. as the case may be. In all such cases, the royalty, upfront premium and other charges shall be levied accordingly, if any.
3. The scope of the work will be from concept to commissioning and operation thereafter, including inter-alia, survey and investigations, identification of transmission system for the evacuation of power and preparation/review of Detailed Project Report (DPR). The transmission system for evacuation of power from power station to nearest grid/MeECL/PGCIL sub-station shall form part of the Project and shall be included in the DPR in consultation with Power Department, keeping in view the integrated system requirements.
4. In Meghalaya, electricity is generated only from HEPs ( Hydro Electric Project) which help in reduction of emission of "Green House Gases". The developer should carryout development of the Renewable Energy Project(s) so that these qualify for Carbon Credits at the National/International levels. Sale of such equivalent Carbon Credits by the developer on account of development of Project(s) should be through competitive process amongst buyers, in order to derive the maximum benefits.
5. For setting up the Solar/Biomass/Wind Energy Projects, concurrence of the competent authority (ies) shall be obtained as per the procedure applicable from time to time.

All clearances required from the Central Government in connection with the Project implementation shall be arranged by the Developer itself. However, the State Government shall extend all need based assistance in obtaining such clearances including licenses, approvals, sanctions, permits etc. as may be required for the Project. The State Government shall accord necessary clearances under its purview within a reasonable period in order to complete the Project as per schedule. The State Government shall not be liable to incur any expenditure for providing such assistance to the Developer.

6. (A) The Company shall provide employment to bonafide residents of the State in respect of all the unskilled/skilled staff and other non-executives as may be required for execution, operation and maintenance of the Project. At least 80% employment for the bonafide residents of the State in the Group 'C', Group 'D' posts shall be provided. Preference in employment for bonafide residents of the State in other categories of posts shall also be assured.

(B) In regard to direct recruitment of engineers and other executives, other things being equal in terms of eligibility criteria, qualification, experience etc., the Developer shall give preference to the local candidates. The advertisement regarding employment will be issued in two English News Paper and two local daily newspapers having wide circulation within Meghalaya.

(C)The Developer shall provide employment to one member of each of the displaced families or adversely affected as a result of the acquisition of land for the Project, during construction of the Project. During the operation and maintenance of the Project, the Developer shall give preference to members of the displaced families for employment in the Project. Those working in the construction stage should be relocated in the O&M stage as far as possible.

(D)The Developer shall ensure that the contractors/sub-contractors engaged by them for the Project shall give maximum employment to local people/bonafide residents of the state for appointment as supervisors, workmen and labourers/workers in the Project.

All the above mentioned stipulations shall be monitored strictly by the Labour Commissioner and Director, Employment.

7. (A) The Developer shall comply with the Solar/Biomass/Wind Power Policy of the Central/State Government as would be in force at the relevant point of time, during the course of implementation and subsequent operation and maintenance of the project, subject to the condition that it is not inferior to the present policy in favour of Developer.

(B) For a period of 10 years from the date of commissioning of the Project, 100 units of electricity per month would be provided by the Project Developer to each Project Affected Family (PAF)through the relevant distribution company. It is expected that the PAF will consume at least the minimum consumption of 1unit per day and the cost of balance of unused electricity, if any, could be made available to PAF in cash or kind or a combination of both, at rates to be determined by the State Electricity Regulatory Commission.

(C) The Project developers will be required to follow the quality control and project safety norms specified by CEA ( Central Electricity Authority )/MNRE Ministry of New and Renewable Energy )/Government of Meghalaya from time to time and allow access to conduct the

Inspection of the projects or supply information as may be required by the Power Department, Govt. of Meghalaya, from time to time.

8. The Developer shall be required to prepare Disaster Management Plan and its implementation taking into consideration the different flood eventualities, cloud bursts or any kind of natural calamity at various stages of construction and operation of the Project and their mitigation measures. The Developer shall include the same in the DPR to be submitted to the Govt
9. The State Government shall constitute a Project Monitoring Committee with the Principal Secretary/Commissioner & Secretary/Secretary (Power) Government of Meghalaya or any other appropriate authority as the Chairperson, as may be decided by the State Government, for the purpose of overseeing the progress of the Project and sort out the difficulties and issues that could arise with respect to implementation of the Project. The Developer shall be represented by a senior executive not below the rank of General Manager of the Developer or its associate Developers. The Project Monitoring Committee shall enforce effective coordination of all concerned for optimum exploitation of the renewable energy potential in the best interest of the State.
10. The Project Developer will be required to make arrangements for evacuation of power from the Project to the Sub-station of MeECL/PGCIL (designated as the Interconnection Point) as per the provision mentioned in the DPR. For evacuation of power beyond the Interconnection Point, the Developer shall tie up with Meghalaya Energy Corporation Ltd/ PGCIL for arrangements of a suitable integrated transmission system as per the prevalent policy.
11. Any difference and/or disputes arising at any time between the parties out of the IA (Implementation Agreement) or interpretation thereof shall be endeavored to be resolved by the parties hereto by mutual negotiations, failing which the matter shall be referred to the Arbitrator to be appointed as per the provisions of the Arbitration & Conciliation Act, 1996. However, all disputes shall be settled within the jurisdiction of High Court of Meghalaya.
12. **The Government reserves the right to amend/modify this document or impose additional conditional ties as it may deem fit at any stage. The Govt. also reserves the right to reject any/ or all Bids or terminate the Bidding process at any stage without assigning any reason. The Government will not be liable for payment of any damages/compensation whatsoever under such circumstances.**
13. The Government welcomes any query/request for additional information/ clarification from prospective Bidders. Request for additional information and questions concerning this Bid may be submitted in writing on or before -- 20/12/2021.
14. The bidder shall be required to submit the Technical Bids and Price Bids in two separate envelopes ON LINE vide [www.meghalayatenders.gov.in](http://www.meghalayatenders.gov.in) from 10/12/2021. Last date of submission is 10/01/2022 up to 12:00 p.m.
15. The selection process will be in two stages. In the first stage the Technical Bids submitted by the Bidders shall be scrutinized and evaluated for Pre-qualification. The Bids shall be assessed on the basis of following two criteria viz. Financial Strength & Technical Strength.. The following shall be the qualifying parameters for eligibility-  
**(A) Financial Strength:-**

For evaluation purpose, the Net Worth of a Bidder as a Developer or a Consortium/Joint Venture of Companies or a Corporation, shall be assessed on the basis of proportionate equity participation by each constituent members in accordance with the following two parameters by considering financial position as depicted in the duly audited Balance Sheets and Profit & Loss accounts for the FY 2018-2019, 2019-2020 & 2020-2021 in original/certified copies submitted in original/ certified true copies of the respective Companies.

Note: - All eligible bidders who are not registered as companies under the Companies Act, 1956/the Companies Act, 2013 are also required to submit their audited Financial Statements in same manner and same formats required under the act for a registered Developer.

- (i) **Net Worth** = Equity (paid share-capital) (+) Reserves & Surplus (excluding Re-evaluation Reserves) (-) Intangible assets like, patents, deferred revenue expenditure, preliminary expenses or the operative expenses not written off, losses including past losses etc.)

The Net-worth should not be less than 25 % of the total cost of the Project:-

(Assuming per MW cost of the project = Rs. 8.00 crores)

**Illustration:-**

For a 10 MW Project the Net-Worth should be at least Rs. 20 crore.

- ii). **Profit after Tax:**

For evaluation purpose, the **Profit after Tax** of a Bidder as a Developer or a Consortium/Joint Venture of Companies or a Corporation, shall be assessed on the basis of proportionate equity participation by each constituent members in accordance with the following parameters by considering financial terms as depicted in the duly audited Balance Sheets/audited financial statements, for above defined three consecutive years submitted in original/certified true copies by the respective Companies.

Only such bidders will be eligible to be considered for second stage of bidding process who possess a cumulative profit after tax (in crore) for the last three consecutive years totaling to at least 'p' crore, where 'p' shall be equivalent to 25% of the installed capacity in mega-watt, of the Project applied-for.

**Illustration:-** For a 10 MW Project the cumulative Profit After Tax for last three years should be at-least Rs.2.50 Crore.

**(B) Technical Strength:-**

Only such Bidders will be eligible to be considered for second stage of bidding process that possess any of the following three technical strength criteria:-

a). In case of Bidders who are in the business of Renewable Energy Generation:

(i) Developer/ Owner of 'x' no of megawatts;  
(OR)

(ii) Contractor with 'y' amount of turnover;  
(OR)

(iii) Consultant in 'z' no of megawatts.

'x' shall be equivalent to the one fifth of the installed capacity in mega-watt of the Project applied for.

'y' shall be equivalent to two times the installed capacity in mega-watt of the Project applied-for in crores in INR.

'z' shall be equivalent to two times of the installed capacity in mega-watt of the Project applied for.

(OR)

b). Those in consortium with partner having not less than 26% equity stake meeting above criteria.

(OR)

c). Those with MOU with consultants meeting double of criteria as per (a) (iii) above i.e. twice the 'z' no of megawatts.

A Bidder, who has the above financial and technical strength, will be considered as pre-qualified/eligible for participation in second stage of the bidding process.

16. In the second stage, Price Bids of the Pre-qualified Bidders will be opened on specific date (which shall be intimated to all pre-qualified bidders) in presence of the eligible bidders or their authorized representative(s) who are willing to be present.

17. The Developers on being issued LOI should submit the DPR for the project within 6(six) months from the date of issue of LOI.

18. Subject to the Government as well as the Developer having satisfied themselves about the Techno-Economic feasibility of the project, the Developer shall execute the Implementation Agreement with the Govt. within 3(three) months from the date of submitting of DPR.

19. In case of delay in submission of DPR by the Developer being unavoidable, to the satisfaction to the Government which is not due to force Majeure reasons, an extension up to maximum of six months shall be granted to the developer upon payment of fees of Rs. 1,000/- per MW per month.

20. The Developer shall have acquired land and taken possession of the total land required for the Renewable Energy Project within 7(seven) months of signing of PPA ( Power Purchase Agreement. The Developer shall have achieved Financial Closure in 09(nine) months from signing of PPA ( Power Purchase Agreement ) and has provided a certificate to Power Department from a the lead Banker to this effect or in case the funds have been arranged from the internal resources a Board resolution certifying the same shall the same shall be submitted.

21. The Developer is required to furnish Performance Guarantee before signing of PPA for guaranteeing the commencement and continuity of the supply of Power up to the contracted capacity. The Power department shall release the Performance Bank Guarantee within three (3) months after the commissioning date.

22. If for any contract year, it is found that the renewable energy project has not been able to generate minimum energy corresponding to the value of annual CUF (capacity Utilization Factor) within the permissible limit of CUF declared by the Developer, on account of reasons solely attributable to the Developer , a penalty equal to 25% of the project tariff shall be required to be paid by the developer.

23. The Developer will be permitted to withdraw from the Project, if the Govt. is satisfied that the Developer has sufficient ground to establish that the Project is not techno-economically viable without any liability of Govt. of Meghalaya for the expenditure incurred by the Developer.

24. The Developer agrees to supply free of cost the Meteorological data observed at the project site to the Govt. of Meghalaya/Power Department on quarterly basis. The Govt. shall have the right to use this data for any purpose whatsoever.

#### **25. Salient features of EOI:**

- A. Power Department shall invite bids from prospective developers who are willing to set up Solar/Wind/Biomass power project on BOOT/DBOT/BOOM Model in the State of Meghalaya.

- B. The scope of the Developer will include Design, Engineering, Installation, Maintenance and Operations up to 25(TWENTY FIVE) years for Solar/Wind/Biomass Power Project.
- C. The possible evacuation arrangement can be done to nearest 132/33 OR 33/11 Kv substation depending on the size of the plant.
- D. The bidders will be asked to submit their concept note and feasibility report along with the following,
  - (i) Technical and financial Feasibility for the concept.
  - (ii) Bidder's technical and financial capability.

**26. Bidders scope of work:**

- A. The scope of work includes Design, Engineering, Manufacture, Supply, Erection, Testing, Commissioning and Operation for 25 Years on BOOT/DBOT/BOOM Model in the State of Meghalaya.
- B. However, the projects would be technology agnostic within the technology approved by the Power department or its designated authority. Only commercially established and operational technologies can be used, to minimize the technology risk and to achieve the timely commissioning of the Projects.
- C. The Bidder shall submit their offers along with concept note, feasibility report, financial model.

**27. Submission of EOI:**

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

**28. Disclaimer:**

Prospective respondent to this EOI acknowledges and agrees that:

(A). Power Department 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.

(B). It is also agreed that Power Department 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.

(C). 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).

(D)The Bidders/Companies/developers who are interested may contact the Joint Secretary to the Government of Meghalaya, Power Department. on or before 20/12/2021 with their queries. The Power Department shall response to the queries latest by 22/12/2021.

(E)Pre-Bid Queries shall be sent on the following email address:[megpowerdept@gmail.com](mailto:megpowerdept@gmail.com)

**Format for EoI**

- | S. No. | Description   |
|--------|---|
| 1.     | Name of the Company   |
| 2.     | Country where the Company is registered.<br>Status of the Company   |
| 3(a)   | whether registered under the Companies act 1956 the Companies Act 2013.   |
| (b)    | If not, Country of Incorporation  |
| 4.     | Net Worth of the Company (as on 31/03/2021 or closure of FY 21)<br>31/03/2021 or closure of FY 21).                 |
| 5.     | Annual turnover of the Company as on 31/03/2021 or FY 21.   |
| 6.     | Past Experience in Solar/Wind/Biomass Power Project.  |
| 7.     | Past Experience in Solar/Wind/Biomass Power Project in North east (if any).   |
| 8.     | Total cumulative capacity installed in Solar/Wind/Biomass Power Project.  |
| 9.     | Past Experience in Construction/ Consultancy/operation & Maintenance of Solar/Wind/Biomass Power Project installed. |
| 10.    | Financial model ( in Details)   |

11. Feasibility report & concept note(in details)

**Terms and Conditions:**

- Power Department has sole right to accept or reject any or all proposals/concepts.
- The last Date for the submission of EoI online on website [www.meghalayatenders.gov.in](http://www.meghalayatenders.gov.in) on or before 12:00 P.M. OF 10.01.2022
- The Bidders/Companies who are interested are requested to submit their offer online mode only along with financial model, type of technology, structure of joint venture/partnership, in sealed envelope on or before 12:00 P.M. of 10.01.2022.

**LETTER OF AUTHORISATION**

Sh. \_\_\_\_\_, residing in \_\_\_\_\_ and presently holding the post of \_\_\_\_\_ of the \_\_\_\_\_ Corporation/Consortium, is duly authorized by the \_\_\_\_\_ Corporation/Consortium to sign and furnish all such information as desired by Govt. of Meghalaya/ Power Department, in respect of this Bid.

Signature

WITNESSES

Designation:

Organization

1. \_\_\_\_\_

SEAL

2. \_\_\_\_\_

**BIDDER'S ORGANIZATION**

**I) NAME OF PROJECT APPLIED FOR**

**II) BIDDER'S ORGANIZATION (Or Consortium Organization)**

1. Name of Developer / Organization whether registered Developer or society or Partnership or any other:
2. Date of Incorporation:
3. Name of Parent/Group Developer:
4. Relationship with the Main Developer  
(Equity holding) :
5. Country in which Incorporated:
6. Type of Organization: (Whether Sole proprietary/  
Partnership, Private Ltd. /Public Sector).

Attach:-

- i) Copy of Registration Certificate.

ii) Memorandum & Articles of Association.  
of the Developer.

7. Communication Address:

8. Head Office Address:

9. Other Contact Means:           Cable Address:  
  Telephone No.  
  Telefax No.  
  Telex No.  
  Electronic Mail:

10. Name of Contact Person(s) :

11. (a) Corporate objectives or purposes of the Developer :

(b) Detailed description of the Developer

(c) Highlights of current activities

(d) Experience in infrastructure Sector

12. Provide in the table below the name and address of Lead and Associated Companies to be involved in this Project (to the extent known at this point):

Table-I: Bidder's Team & Responsibilities

<i>Role in this Project</i>	<i>Developer</i> <b>(Name and address)</b>	<i>Equity</i> <b>proposed in the Project</b>
Lead Developer		
Co-Developer		
EPC Contractor		
Equipment Supplier		
O&M Contractor		
Others		

13. Give the names & designations of Members of the Board of Directors.

14. Specify, who is actively managing the affairs of the Developer.

Name :

Designation:

Address:

Even if it is other than a Developer the composition including names and addresses of owners and the person who is managing, be given above

Additional pages be attached be required.

**GENERAL QUESTIONNAIRE**

- a. Has the Bidder clearly identified the Lead Developer and its relationship to the Parent Developer?

| Yes | | No |

- b. Has the Bidder clearly identified his Organization?

| Yes | | No |

- c. Has the Bidder clearly identified the role of other Companies that comprise the Consortium or Joint Venture and provided letters of Agreement from those members?

| Yes | | No |

- d. Is there any existing litigation/arbitration against the Bidder?

| Yes | | No |

- e. Does your Consortium comprise a Public Sector Developer?

| Yes | | No |

- f. Is the Bidder in a position to incorporate a separate Developer for the implementation of the Project?

| Yes | | No |

**FINANCIAL STRENGTH**

Statement of Assets, Liabilities and Profits etc.

Financial Information	Actual Previous Three Years		
	2018-19 Annual A/c's. Schedule/ Page No.	2019-20 Annual A/c's. Schedule/ Page No.	2020-21 Annual A/c's Schedule/ Page No.
1. Total Assets			
2. Current Assets			
3. Share Capital			
4. Free Reserves			
5. Total Liabilities			
6. Current Liabilities			

7. Turnover
8. Profit before Interest & Taxes
9. Profit before Taxes
10. Profit after Taxes
11. Net Cash Accrual (*Flow*)
12. Gross Surplus Ratio
13. Net Worth
14. Net Profit return on Net Worth
15. Retained Earnings  
(Market value/Book value of equity)
16. Sustainable Growth Rate
17. Current Ratio
18. Acid Test Ratio

19. Debt Equity Ratio
20. Debt Ratio
21. Return on Capital employed
22. Earning Power
23. Return on Equity
24. Price Earnings Ratio
25. Share Price movement High & Low  
(in case of listed Companies)

**Attachments:**

- i. Attach one copy of annual report and audited financial statements along with notes on accounts for the aforesaid three years (for the individual Bidder or each member of the Consortium of the Parent Developer).
- ii. Companies owned by individuals, and partnerships, may submit their balance sheets certified by a registered accountant and supported by copies of tax returns, in case audits are not required by the laws of their countries of origin.

iii. Income tax clearance certificates for the last latest year.

iv. In case accounts are maintained on Calendar Year basis, then information for the years 2018, 2019 & 2020 are given.

v. Any commitments against the income of next 10 years are also given.

vi. Any default with any bank/financial institution as on date.

vii. Any criminal proceeding against any Developer or partner or bidding entity.

**BANKER'S INFORMATION**

1. Name of Banker/Financial Institution :
  
2. Address :
  
3. Telephone Fax No.
  
4. Contact Name and Title
  
5. Telex No.
  
6. Attachment :

A letter of authorization (Format II- C), by the Bidder to authorise the Bank/Financial Institution to furnish such information as desired by the Govt. for assessing the credit-worthiness of the Bidder.

(Separate sheets for each bank/financial institution be submitted)

**LETTER OF AUTHORISATION**

We hereby authorise \_\_\_\_\_ to furnish all such information as desired by Govt. of Meghalaya. /Power Department for assessing our credit-worthiness in connection with the Bid proposals for implementation of Hydro-electric Projects in Meghalaya.

Signature of authorized representative  
of Developer/Consortium.

**FINANCIAL STRENGTH (Questions)**

**Questionnaire**

- a. Has the Bidder as a developer ever provided equity in any Independent Power Project?  
| Yes | | No |
- b. Has the Bidder as a developer raised debt in any Independent Power Project?  
| Yes | | No |
- c. Has the Bidder defaulted in repayment of loans to any financial Institutions during the last five Years?  
| Yes | | No |
- d. Has the Bidder been ever referred to the B.I.F.R? | Yes | | No |

**FINANCIAL STRENGTH (Questions)**

In case, the Bidder is interested to apply for more than one Project, the financial credentials shall be considered separately for each of the projects applied for in accordance with the preferential order opted by the Bidder, on the basis of reducing financial strength of the Bidder for carrying out evaluation. For the purpose of financial strength evaluation of projects in the order of preference, the Bidders shall be required to furnish an undertaking clearly indicating the 'Order of Preferences' on the basis of which the Bidder is willing to evaluate all Projects applied for, in the following Format:

**Questionnaire**

- Whether the bidder has applied for more than one Project?

| Yes | No |

- If yes, no of Projects, preferential order on which the bidder is willing to evaluate his financial credentials be given as under.

<u>Order of preference</u>	<u>Name of Project</u>	<u>Installed Capacity</u>
I.		
II.		
III.		

- The Bidders shall provide detail of all Power Projects already allotted/ under implementation/under execution by the Bidder, on the Format given below.

**PROJECT DATA SHEET (Separately for Each Project)**

1. PROJECT NAME: \_\_\_\_\_
2. LOCATION (City & Country): \_\_\_\_\_
3. OVERALL CAPACITY (MW): \_\_\_\_\_
4. TYPE:(SOLAR/WIND/BIO MASS): \_\_\_\_\_
5. DATE OF START \_\_\_\_\_
6. TOTAL COMPLETED COST :- (Rs in millions) \_\_\_\_\_

- DETAIL OF EQUITY PARTICIPATION & ROLE OF CONSTITUENT MEMBERS:

**FINANCIAL DATA SHEET (Separately for Each Project)**

Sr. No.	Characteristic	Description	Equity Provided (In percentage)
1.	WHICH COMPANIES PLAYED THESE ROLES ON THE PROJECT INCLUDING BIDDERS OWN:		
	a) Lead Developer		
	b) Co-Developer		
	c) Equity Participant		
	d) Debt Participant		

I/We hereby certify that the information furnished by me/ us is a true statement of facts.

**Date:**

**Name, Designation of person signing.**

**Place.**

**TECHNICAL STRENGTH**

PROJECT DATA SHEET (Separately for Each completed Project)

1. PROJECT NAME: \_\_\_\_\_
2. LOCATION (City & Country): \_\_\_\_\_
3. OVERALL CAPACITY (MW): \_\_\_\_\_
4. TYPE:(SOLAR/WIND/OTHERS): \_\_\_\_\_
5. DATE OF START & FINISH \_\_\_\_\_
6. TOTAL COMPLETED COST :- (Rs in million) \_\_\_\_\_

Sr. No.	Characteristic	Description	Equity Provided ( in percentage)
---------	----------------	-------------	-------------------------------------

1. WHICH COMPANIES PLAYED THESE ROLES ON THE PROJECT

INCLUDING BIDDERS OWN:

a) Design Services

b) Consultancy Services

2. <u>TECHNICAL DETAILS</u>	Description	Cost	Completion
			(Rs. million) period in months

A) Major Equipment Installed

B) CIVIL WORKS:

)

I/We hereby certify that the information furnished by me/ us is a true statement of facts.

Date:

Name, Designation of person signing.

Place.

**TECHNICAL STRENGTH (Questions)**

**Questionnaire**

- a. Whether the Bidder has got the technical organisation for carrying out the objects of the Implementation Agreement?

| Yes | | No |

- b. Has the Bidder enclosed a letter of intent from a Consultant Organisation to take up the assignment for the Bidder?

| Yes | | No |

**PROJECT DEVELOPMENT EXPERIENCE**

PROJECT DATA SHEET (Separately for Each completed Project)

1. PROJECT NAME: \_\_\_\_\_
2. LOCATION (City & Country): \_\_\_\_\_
3. OVERALL CAPACITY (MW): \_\_\_\_\_
4. TYPE: (HYDRO/THERMAL/OTHERS): \_\_\_\_\_
5. DATE OF START & FINISH \_\_\_\_\_
6. TOTAL COMPLETED COST :- (Rs in million) \_\_\_\_\_

Sr. No.	Characteristic	Description	Equity Provided ( in percentage)
------------	----------------	-------------	-------------------------------------

1. WHICH COMPANIES PLAYED THESE ROLES ON THE PROJECT INCLUDING BIDDERS OWN:  
a) Lead Developer

- b) Co-Developer
- c) Equity Participant
- d) Debt Participant
- e) EPC Contractor
- f) Contractor (Mention component)
- g) O&M Contractor
- h) Equipment Supplier

2. **FINANCING DETAILS:** **(Rs. in million)**

- a) Total Equity
- b) Bidder's Equity
- c) Total Debt
- d) Bidder's Debt
- e) Time taken for Financial Closure  
(months).

3. **TECHNICAL DETAILS**

Description	Cost	Completion
	(Rs. million)	Period in months

**A) Major Equipment Installed**

**B) CIVIL WORKS:**

the information furnished by me / us is a true statement of facts.

**Date:**

**Name, Designation of person signing.**

**Place.**

**FORMAT IV-B**

**PROJECT DEVELOPMENT EXPERIENCE (Questions)**

**Questionnaire**

a. Has the Bidder as a developer executed any Renewable Energy Project?

| Yes | | No |

b. Has the Bidder ever successfully run any renewable energy project?

| Yes | | No |

c. Has the Bidder got an experience of working in the Himalayan/Hilly Region?

| Yes | | No |

d. Does the Bidder have a proper Design Organisation already in position to take up the Designs of the Project?

| Yes | | No |

Expression of Interest Inviting Authority : Power Department,  
Government of Meghalaya, Shillong

Name of Work : Empanelment of Reputed Firms for Design,  
Engineering, Installation, Maintenance and Operation up to 25 years  
for /Solar/Wind/Biomass/ Power Projects on BOOT/DBOT/BOOM/  
Model

EOI No : POWER-113/2020/176

Dated 09-12-2021

Name of the Bidder/ Bidding Firm  
/ Company :

**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder  
and the same should be uploaded after filling the relevant columns,  
else the bidder is liable to be rejected for this tender. Bidders are  
allowed to enter the Bidder Name and Values only)

Sl. No.	Name of Power Plant	Capacity of Power Plant	Type of Power Plant	No. of Years of O&M	Model	Percentage Free Power to State	Total Tariff (in INR) (up to 2 decimal s)
1	2	3	4	5	6	7	8
			Solar	25	BOOT	0%	
			Wind	25	BOOT	0%	
			Bio-mass	25	BOOT	0%	
Total in Figures							
Quoted Rate in Words		INR Only					

Note: In case of Self Identified Plant Bidder has to mention the name of plant along with Geo-Coordinates and capacity.

In case of plants whose DPR is already completed, Bidder has to mention the name of plant along with Geo-Coordinates and capacity mentioned in the DPR, Wrong capacity quoted by Bidder will be rejected.

Above quoted price for are complete in all respect as per Technical Specifications approved by competent organization inclusive of all Central/State/Local applicable taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. for destination in Meghalaya and inclusive of installation, testing, commissioning, operation & maintenance, performance Testing and training.. Certified that rates quoted for above mentioned all components are as per specifications, terms & conditions. Price should be quoted in complete numeric figure and words.

(Signature of Authorized Signatory)  
Name: Designation:  
Company Seal:

**Item Rate BoQ**

Expression of Interest Inviting Authority : Power Department, Government of Meghalaya, Shillong

Name of Work : Empanelment of Reputed Firms for Design, Engineering, Installation, Maintenance and Operation upto 25 years for Hydro/Solar/Wind/Biomass/ Power Projects on BOOT/DBOT/BOOM/PPA Model

EOI No : POWER-113/2020/176

Dated 09-12-2021

Name of the Bidder/  
Bidding Firm / Company :

--	--	--	--	--	--	--	--	--	--

**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Name of Power Plant	Capacity of Power Plant	Type of Power Plant	No. of Years of O&M	Model	Percentage Free Power to State	Total Tariff (in INR) (up to 2 decimals)
1	2	3	4	5	6	7	8
			Solar	25	BOOM	0%	
			Wind	25	BOOM	0%	
			Bio-mass	25	BOOM	0%	
Total in Figures							
Quoted Rate in Words						INR Only	


Above quoted price for are complete in all respect as per Technical Specifications approved by competent organization inclusive of all Central/State/Local applicable taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. for destination in Meghalaya and inclusive of installation, testing, commissioning, operation & maintenance, performance testing and training.. Certified that rates quoted for above mentioned all components are as per specifications, terms & conditions. Price should be quoted in complete numeric figure and words.

(Signature of Authorized Signatory)  
 Name: \_\_\_\_\_ Designation: \_\_\_\_\_  
 Company Seal: \_\_\_\_\_


**Item Rate BoQ**

Expression of Interest Inviting Authority : Power Department, Government of Meghalaya, Shillong

Name of Work : Empanelment of Reputed Firms for Design, Engineering, Installation, Maintenance and Operation up to 25 years for Hydro/Solar/Wind/Biomass/ Power Projects on BOOT/DBOT/BOOM/PPA Model

EOI No : POWER-113/2020/ 176

Dated 09-12-2021

Name of the Bidder/ Bidding Firm / Company :

--	--	--	--	--	--	--	--	--	--

**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Name of Power Plant	Capacity of Power Plant	Type of Power Plant	No. of Years of O&M	Model	Percentage Free Power to State	Total Tariff (in INR) (up to 2 decimals)
1	2	3	4	5	6	7	8
			Solar	25	DBOT	0%	
			Wind	25	DBOT	0%	
			Bio-mass	25	DBOT	0%	
<b>Total in Figures</b>							

Quoted Rate in Words		INR Only
<p>Note: In case of Self Identified Plant Bidder has to mention the name of plant along with Geo-Coordinates and capacity.</p>		
<p>In case of plants whose DPR is already completed, Bidder has to mention the name of plant along with Geo-Coordinates and capacity mentioned in the DPR, Wrong capacity quoted by Bidder will be rejected.</p>		
<p>Above quoted price for are complete in all respect as per Technical Specifications approved by competent organization inclusive of all Central/State/Local applicable taxes &amp; duties, packing, forwarding, transit insurance, loading &amp; unloading, transportation &amp; other charges etc. for destination in Meghalaya and inclusive of installation, testing, commissioning, operation &amp; maintenance, performance testing and training.. Certified that rates quoted for above mentioned all components are as per specifications, terms &amp; conditions. Price should be quoted in complete numeric figure and words.</p>		
<p>(Signature Name: Company Seal:</p>	<p>of Authorized</p>	<p>Signatory) Designation:</p>