

# Expression of Interest (EOI) For

**Selection of Solar Power Developer(s) for Setting up of Grid Connected Ground Mounted Solar Photo Voltaic Power Plant(s) in the State of Jharkhand in Build Own and Operate (BOO) Mode**

**EOI No.: 16/JREDA/EOI/SPD/24-25**



## **Jharkhand Renewable Energy Development Agency (JREDA)**

(State Govt. Agency under Department of Energy)

3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi-834002.

Ph.: 0651-2491161, Fax: 0651-2491165,

E-mail: [info@jreda.com](mailto:info@jreda.com) ; Website: [www.jreda.com](http://www.jreda.com)

*(JREDA reserves the right to cancel this request for EOI and / or invite afresh with or without amendments to this request for EOI, without liability or any obligation for such request for EOI and without assigning any reason. Information provided at this stage is indicative and JREDA reserves the right to amend / add further details in the EOI document.)*

**Contact:** For any clarification, Please Contact at official number +91-0651-2491161, email: [info@jreda.com](mailto:info@jreda.com)

**Govt. of Jharkhand**  
**Energy Department**  
**Jharkhand Renewable Energy Development Agency (JREDA)**  
3rd Floor, S.L.D.C. Building, Kusai Colony, Doranda, Ranchi-834002.  
Ph.: 0651-2491161, Fax: 0651-2491165,  
E-mail: info@jreda.com; Website: [www.jreda.com](http://www.jreda.com)

**e-Procurement Notice**

**EOI reference no.:**

**Dated:**

| <b>Sl. No</b> | <b>Particulars</b>  | <b>Details</b>  |
|---------------|---|---|
| 1             | Name of the Work  | Expression of Interest (EOI) for selection of Selection of Solar Power Developers for Setting up of Grid Connected Ground Mounted Solar Photo Voltaic Power Plant in the State of Jharkhand in Build Own Operate (BOO) Mode |
| 2             | Date of publication of EoI on website:<br><a href="http://jharkhandtenders.gov.in">http://jharkhandtenders.gov.in</a> | 26.12.2024 (Thursday)   |
| 3             | Date & Time of Pre-bid meeting  | 06.01.2025 (Monday) at 1.00 PM  |
| 4             | Last date & time for receipt of online bids   | 15.01.2025 (Wednesday) upto 05:00 PM  |
| 5             | EOI Opening date  | 17.01.2025 (Friday) at 3.00 PM  |
| 6             | Name & address of office inviting tender  | Director,<br>Jharkhand Renewable Energy Development Agency(JREDA),3rd Floor, SLDC Building, Kusai, Doranda,<br>Ranchi- 834002 (Jharkhand)   |
| 7             | Contact no. of procurement officer  | 0651-3506245, 7004806449  |
| 8             | Helpline no. of e-procurement   | 0651-3506245  |

**Any corrigendum/addendum can be seen on the website: <https://jharkhandtenders.gov.in/> & [www.jreda.com](http://www.jreda.com). Further details can be seen on website: <http://jharkhandtenders.gov.in> & [www.jreda.com](http://www.jreda.com)**

**Sd/-**  
**Director**  
**JREDA, Ranchi**

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## Introduction:

Jharkhand Renewable Development Agency (JREDA) was incorporated as a society under the Society Act, 1860 under the administrative control of the Department of Energy, Govt. of Jharkhand for promoting use of renewable energy sources and having its registered office at Kusai Colony, Doranda, Ranchi, Jharkhand-834002. JREDA

The Jharkhand government has developed the “Jharkhand State Solar Policy 2022.” Under the Policy, the state has set a target to develop 4,000 MW of solar capacity in the coming years. Out of the total capacity addition target, the state has envisaged developing 3,000 MW of solar power capacity through utility-scale solar project development. The policy has encouraged developers to establish solar power projects in the state through various incentives and policy initiatives to smoothen the project approval and execution process.

Under this Expression of Interest (EOI) JREDA wants to gather the details of interested bidders who are willing to develop solar projects in the state of Jharkhand. And based on the information JREDA shall create an implementation plan for facilitating the development of solar projects in the state as per applicable regulatory provisions.

Project developers can evaluate the availability of land and likely project capacity they can develop and provide the details of the nearest evacuation facility for grid integration.

## Implementation Plan:

The minimum solar capacity to be developed by the developer shall not be less than 500 KW. Interested developers shall identify suitable land for the development of solar projects. And carry out the preliminary study to identify the likely nearest evacuation point of (feeder/substation) in the existing STU or DISCOM network. The project shall be developed by the developer(s) in Build, Own and Operate (BOO) mode. The solar power developer(s) shall be responsible for the design, build, and construction of evacuation facilities to the identified STU and DISCOM substation / Feeder and operate for 25 years (life of the plant). The developer(s) shall be responsible to obtain and maintain all consents, clearances, permits, and approvals for the entire term of the power purchase agreement. However, JREDA will strive to facilitate such endeavour to the extent possible. The developer(s) shall also be required to own the project and arrange funds including equity for the financing of the project. Power generated from the Project(s) shall be procured by State DISCOM on a long-term basis at a tariff as discovered in the bidding process by way of execution of the Power Purchase Agreement.

The Solar Power Developer(s) shall sign the power purchase agreement with the State DISCOM as per the price discovery through a bidding process. JREDA shall provide the necessary support to the selected bidder for signing the PPA with the DISCOM.

## Submission of EOI:

- i. Interested parties are required to submit information complete in all respects as per the enclosed format (Annexure A). Respondents are required to furnish experience of FSPV as per Annexure C. Respondents are encouraged to provide suggestions as per Annexure B. The furnished information shall be well supported with relevant documents.
- ii. Prospective parties may submit their ‘Expression of Interest’ duly signed by the authorized signatory along with relevant details as sought in the data sheets latest by

15.01.2025 (Wednesday) upto 05:00 PM in a sealed cover super scribing “Expression of Interest (EOI) for Development of Grid Connected Ground Mounted Solar Power Project(s)”and addressed to:

**The Director**

Jharkhand Renewable Energy Development Agency(JREDA),

3rd Floor, SLDC Building, Kusai, Doranda,

Ranchi- 834002 (Jharkhand)

Contact No: 0651-2491161, Fax: 0651-2491165

- iii. The Pre-bid meeting with the companies/ Solar Power plant Developer(s) will be held on 06.01.2025 (Monday) at 1.00 PM.

For any clarification, you are requested to contact 0651-2491161 or E-mail: [info@jreda.com](mailto:info@jreda.com)

**Disclaimer:**

Prospective respondent to this EOI acknowledges and agrees that:

- a) JREDA has issued this Expression of Interest with the best intention to explore the market for eligible and interested Solar Power Developer(s) 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 JREDA in its sole discretion, may reject any and all proposals made by interested developer(s), may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- c) Prospective developer(s) acknowledge and agree that response to the EOI is purely voluntary action on their part and any expenditure on this account shall be borne by the developer(s).
- d) JREDA will have no obligation or liability to the respondent(s) in the event of cancellation of EOI.

**Note:** Interested Solar Developer(s) are requested to keep themselves updated by visiting the website <http://jharkhandtenders.gov.in> & [www.jreda.com](http://www.jreda.com) on regular basis for any addition/deletion/ modification/ clarification or notification in respect of this EOI. No separate notification will be issued in any other media.

**Annexure- A**  
**Details of Interested Solar Developer**

**Details of the Respondent** (In case of Consortium name the companies constituting the consortium and each member company to furnish a separate information sheet)

| Sl. No           | Parameters  | Details  |                  |                |   |   |              |  |   |              |  |   |             |  |
|------------------|---|--|------------------|----------------|---|---|--------------|--|---|--------------|--|---|-------------|--|
| 1                | <b>Name of the Company or Individual</b>  |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 2                | <b>Country of Incorporation</b>   |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 3                | <b>Status of the Company:</b><br>a. Whether registered under the Companies Act 1956 / the Companies Act 2013<br>b. If not, Country of Incorporation   |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 4                | Net Worth of the Company (as of 31.03.2024 or closure of FY24)  |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 5                | Annual Turnover of the Company (as of 31.03.2024 or closure of FY24)  |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 6                | Capacity to be Installed  | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Project Category</th> <th style="text-align: center;">Capacity Range</th> <th style="text-align: center;">Proposed Solar Capacity to be developed (in MW)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">500 KW- 2 MW</td> <td></td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">2 MW – 10 MW</td> <td></td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">Above 10 MW</td> <td></td> </tr> </tbody> </table> <p>*In the above table the interested developer(s) can fill the total capacity it plans to develop in each category. The developer(s) can fill any one category, any two, or all three categories, provided the developer(s) have sufficient land and fund availability with them for the development of grid-connected solar project in the state.</p> | Project Category | Capacity Range | Proposed Solar Capacity to be developed (in MW) | A | 500 KW- 2 MW |  | B | 2 MW – 10 MW |  | C | Above 10 MW |  |
| Project Category | Capacity Range  | Proposed Solar Capacity to be developed (in MW)  |                  |                |   |   |              |  |   |              |  |   |             |  |
| A                | 500 KW- 2 MW  |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| B                | 2 MW – 10 MW  |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| C                | Above 10 MW   |  |                  |                |   |   |              |  |   |              |  |   |             |  |
| 7                | Experience as an Independent Power Producer:<br>a. Total cumulative solar project capacity (including ground mounted, floating PV, canal-top PV, and Rooftop PV projects, etc) (in MW)<br>b. Largest ground-mounted solar project installed (in MW) |  |                  |                |   |   |              |  |   |              |  |   |             |  |

| Sl. No  | Parameters   | Details   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
|---|--|---|-------------------------------|----------------|---|-------------------------------|---|--------------|--|--|---|--------------|--|--|---|-------------|--|--|--|--|--|
|   | Details of the past experience of the Solar Project Developer(s) are to be enclosed as per <b>Annexure- C</b>  |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| 8   | <p>Details of Identified Land for Solar Project Development:</p> <p>a. Land Area (in Acres):</p> <p>b. Type of Land (Agriculture / Non-Agriculture):</p> <p>c. Ownership of Land</p> <p>i. Self-Owned</p> <p>ii. Leased</p> <p>iii. Land has been identified, and the land acquisition/ leasing process is in progress.</p> <p>iv. Land hasn't been identified till yet.</p> <p>d. If Leased (Provide the total year of lease available with developer(s)):</p> <p>e. District Name:</p> <p>f. Block Name:</p> <p>g. Gram Panchayat / Village Name:</p> <p>h. GPS Coordinates:</p> |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| 9   | <p><b>Details of Power Evacuation Facilities:</b></p> <p>a. DISCOM Electrical Area Board /Subdivision under which land has been identified:</p> <p>b. Nearest Substation / Feeder name:</p> <p>c. Likely Distance between Substation /Feeder from the identified Land:</p> <p>d. Substation / Feeder Voltage Level (in KV):</p>  |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| 10  | <p><b>Expected PPA Tariff by the Solar Developer(s), without considering Land Cost (in INR /kWh):</b></p>  | <table border="1"> <thead> <tr> <th data-bbox="807 1525 962 1727">Project Category</th> <th data-bbox="962 1525 1125 1727">Capacity Range</th> <th data-bbox="1125 1525 1287 1727">Proposed Solar Capacity to be developed (in MW)</th> <th data-bbox="1287 1525 1477 1727">Expected PPA Tariff (INR/kWh)</th> </tr> </thead> <tbody> <tr> <td data-bbox="807 1727 962 1794">A</td> <td data-bbox="962 1727 1125 1794">500 KW- 2 MW</td> <td data-bbox="1125 1727 1287 1794"></td> <td data-bbox="1287 1727 1477 1794"></td> </tr> <tr> <td data-bbox="807 1794 962 1861">B</td> <td data-bbox="962 1794 1125 1861">2 MW – 10 MW</td> <td data-bbox="1125 1794 1287 1861"></td> <td data-bbox="1287 1794 1477 1861"></td> </tr> <tr> <td data-bbox="807 1861 962 1928">C</td> <td data-bbox="962 1861 1125 1928">Above 10 MW</td> <td data-bbox="1125 1861 1287 1928"></td> <td data-bbox="1287 1861 1477 1928"></td> </tr> </tbody> </table> | Project Category              | Capacity Range | Proposed Solar Capacity to be developed (in MW) | Expected PPA Tariff (INR/kWh) | A | 500 KW- 2 MW |  |  | B | 2 MW – 10 MW |  |  | C | Above 10 MW |  |  |  |  |  |
| Project Category  | Capacity Range   | Proposed Solar Capacity to be developed (in MW)   | Expected PPA Tariff (INR/kWh) |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| A   | 500 KW- 2 MW   |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| B   | 2 MW – 10 MW   |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| C   | Above 10 MW  |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |
| <p>*In the above table the interested developer(s) can fill the total capacity it plans to develop in each category. And details of the expected tariff</p> |  |   |                               |                |   |                               |   |              |  |  |   |              |  |  |   |             |  |  |  |  |  |

| Sl. No | Parameters   | Details  |                       |  |                                      |
|--------|--|--|-----------------------|--|--------------------------------------|
|        |  | for each category of project. The developer(s) can fill any one category, any two, or all three categories.  |                       |  |                                      |
| 11     | <b>Expected PPA Tariff by the Solar Developer(s), considering Land Cost (in INR /kWh):</b> | <b>Project Category</b>  | <b>Capacity Range</b> | <b>Proposed Solar Capacity to be developed (in MW)</b> | <b>Expected PPA Tariff (INR/kWh)</b> |
|        |  | A  | 500 KW- 2 MW          |  |                                      |
|        |  | B  | 2 MW – 10 MW          |  |                                      |
|        |  | C  | Above 10 MW           |  |                                      |
|        |  | *In the above table the interested developer(s) can fill the total capacity it plans to develop in each category. And details of the expected tariff for each category of project. The developer(s) can fill any one category, any two, or all three categories. |                       |  |                                      |



## **Annexure-B**

### **Suggestions**

Any suggestions regarding Project / Bidding Parameters (Please enclose separate sheets):

- a. Project Size (Min. & Max.)
- b. Time required for commissioning of Project.
- c. Proposed Equity and debt arrangement details (INR / MW).
- d. Required support needed from JREDA.
- e. Any other relevant information/suggestions.

**Annexure-C**  
**Past Experience Details**

| <b>Sl. No</b> | <b>Project Location</b> | <b>Project Capacity (in MW)</b> | <b>Technology</b> | <b>Project Status (Commissioned/ Under Construction)</b> | <b>Commissioning Year (for only commissioned Projects)</b> | <b>Power Sale (DISCOM, Third Party, Captive)</b> | <b>PPA Tariff (INR/kWh)</b> | <b>Annual Average CUF (in %)</b> |
|---------------|-------------------------|---------------------------------|-------------------|--|--|--|-----------------------------|----------------------------------|
|               |                         |                                 |                   |  |  |  |                             |                                  |
|               |                         |                                 |                   |  |  |  |                             |                                  |
|               |                         |                                 |                   |  |  |  |                             |                                  |

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

Signature:

Name:

Designation:

(Authorised Signatory)