

# Invitation for Expression of Interest (EoI)

for

## Setting-up Solar Mini Grid in the Selected Area of JdVVNL on Public-Private Partnership (PPP) Basis



**Jodhpur Vidyut Vitran Nigam Limited**

New Power House, Industrial Area,

Jodhpur – 342 003 Rajasthan

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## Schedule of Activities

<b>Name of Project</b>	Invitation for Expression of Interest (EoI) for Setting-up Solar Mini Grid in the Selected Area of Jodhpur Discom on Public-Private Partnership (PPP) Basis
<b>Availability of Invitation for EoI document</b>	Document can be downloaded from <a href="http://energy.rajasthan.gov.in/jdvvn1">http://energy.rajasthan.gov.in/jdvvn1</a> and <a href="http://www.pdcor.com">www.pdcor.com</a>
<b>Last Date &amp; Time for Submission of EoI Application (in Hardcopy duly signed and stamped)</b>	March 15, 2018, 4:00 PM
<b>Address of Submission of EoI Application (in Hardcopy duly signed and stamped)</b>	<b>Superintending Engineer (M&amp;P – PC)</b> Jodhpur Vidyut Vitran Nigam Limited New Power House, Industrial Area <b>Jodhpur – 342 003</b> <b>Contact:</b> 0291 - 2970134, 2970135, +91 - 9413359278
<b>E-mail Address for Submission of EoI Application (in PDF format)</b>	1. semnppc@gmail.com 2. info@pdcor.com
<b>EoI Application Fee</b>	The EoI Application shall be accompanied with a non-refundable Demand Draft/ Banker's Cheque of Rs. 2,000/- (Rupees Two Thousand Only) as EoI Application Fee in favour of " <b>Accounts Officer (EA &amp; Cash), JdVVNL, Jodhpur</b> " payable at Jodhpur, without which EoI Application shall not be accepted.

## 1. Introduction:

- 1.1. JdVVNL intends to enlist the services of Solar Developers on PPP mode to formulate different strategies to install & operate Solar Mini grid in the identified Project Area for providing quality and reliability of power supply to the agricultural consumers.
- 1.2. Prospective Developer would execute strategies and structure of the Transaction, which could include any or a combination of the following features:
  - (a) Raising the capital towards the project cost in the form of Equity and Debt, for implementing the system.
  - (b) Implement the mini grid with due intimation of project details to the State Nodal Agency i.e. Rajasthan Renewable Energy Corporation Limited (RRECL), and following the procedures as per the extant State / Central policy and regulatory stipulations.
  - (c) Designing, procurement, installation, testing and commissioning of the mini grid along with necessary distribution infrastructure.
  - (d) Conform to the technical and service standards, safety measures as specified by MNRE and/or as per the State level policy and regulation.
  - (e) Supply and distribution of electricity to the agricultural consumers.
  - (f) Undertake the Operation and Maintenance of the project for the contract period.

## 2. Project Structure:

- 2.1. Jodhpur Vidyut Vitran Nigam Limited (JdVVNL) intends to achieve the following objectives
  - (a) Deliver reliable "daytime" power to farmers for irrigation without adding further financial burden on the state.
  - (b) Improve finances of the power sector by liberating DISCOMs from the deadweight high T&D Losses and low collection efficiency.
  - (c) Reduce subsidy burden on GoR.
  - (d) Transform the life of the farmers by providing "predictable" day-time power which can allow them to migrate to high yielding and value-added crop varieties.
  - (e) Strengthen power distribution through localized generation.

- 2.2. The responsibility of developer would be development of Solar Mini Grid where in non-cultivated land in the project area shall be utilized to develop a MW scale solar plant that supplies electricity to the agricultural consumers of the project area.
- 2.3. The scheme shall use following architecture:
- (a) Agricultural and rural feeders with high agricultural load are selected and offered for development
- (b) The developer shall form an co-operative society consisting of:
- The developer
  - One Nominated officer (Technical Expert) of utility
  - Representative of Consumers
- (c) Based on the assessment, co-operative will install solar PV based generation plant in the vicinity of the feeder and sign an agreement with Discom for supply of electricity to the agricultural consumers for a project period (25 years) at a predetermined rate.
- (d) Post installation, the co-operative shall provide the generated solar power to the feeders through the existing distribution network of Discom
- (e) Broad responsibility of the co-operative shall be as under:
- Sale of electricity to end consumers
  - Line maintenance
  - Consumer complaint handling
- (f) Line extension for new connections / network augmentation, if required.

### **3. Who Can Submit the EoI Application:**

Interested entities (trust/ society/ company) with relevant experience and sufficient financial strength to undertake Projects of such nature and size can submit their EoI Application.

The eligibility criteria will be decided at later stage which will be incorporated in the RFP document.

The responses received will be utilized as an input to structure the Projects and to decide eligibility criteria etc. which will be included in the RFP document to be issued later.

### **4. Procedure to be Followed:**

- 4.1. Prospective Developer should furnish the details as per the Appendix in the Expression of Interest to demonstrate their credentials. The indicative timeframe for completion of the installation of Solar Mini grid shall also be furnished.

- 4.2. Prospective Developer will be required to make a presentation to JdVVNL giving a broad outline of the various strategies and options available for achieving the intended objectives. The presentation shall also indicate the work plan and methodology to be adopted by the developer.
- 4.3. JdVVNL will thereafter issue a 'Request for Proposal' which should inter alia specify the detailed strategies and methodology, time frame and commercial Structure. A more detailed description of the process of evaluation of the proposals shall be contained in the 'Request for Proposal'.

## 5. Instruction for Submission of EoI Application

### 5.1 Availability of Invitation for Expression of Interest (EoI)

Invitation for Expression of Interest (EoI) document can be downloaded from <http://energy.rajasthan.gov.in/jdvvn1> or [www.pdcor.com](http://www.pdcor.com)

### 5.2 EoI Application Fee

The EoI Application shall be accompanied with a non-refundable Demand Draft/ Banker's Cheque of Rs. 2,000/- (Rupees Two Thousand Only) as EoI Application Fee in favour of "**Accounts Officer (EA & Cash), JdVVNL, Jodhpur**" payable at Jodhpur, without which EoI Application shall not be accepted.

### 5.3 Language of EoI Application

The EoI Application and related documents shall be submitted by Applicant in English language only.

### 5.4 Format and Signing of EoI Application

- (a) Applicant shall submit their EoI Application in the Forms provided in the Appendix and in line with the other instructions mentioned in this EoI document.
- (b) EoI Application shall consist of the following document:
  - Demand Draft/ Banker's Cheque of EoI Application Fee (Rs. 2,000/-)
  - Details of Applicant as per Form-1
  - Certificate of Net Worth and Turnover/Income as per Form-2
  - Details of Relevant Experience as per Form-3
  - Brief Note on Your Understanding and Proposed Concept for Undertaking the Projects as per Form-4

- (c) EoI Application shall be signed and stamped on each page initialled by a person duly authorized to sign on behalf of Applicant. The EoI Application shall be in hardbound/ spiral binding form with all pages numbered serially.

#### **5.5 Sealing and Marking of EoI Application**

- (a) EoI Application shall be submitted in a sealed envelope containing the EoI Application and the following written on the top:

**“EoI Application for Setting-up Solar Mini Grid in the Selected Area of Jodhpur Discom on Public-Private Partnership (PPP) Basis”**

- (b) Sealed envelope containing the EoI Application shall be addressed to:

**Superintending Engineer (M&P – PC)**

Jodhpur Vidyut Vitran Nigam Limited

New Power House, Industrial Area

**Jodhpur – 342 003**

**Contact:** 0291 - 2970134, 2970135, +91 - 9413359278

**E-mail:** semppcju@gmail.com

- (c) Envelope containing the EoI Application shall indicate the name, address and contact number of the Applicant.
- (d) Applicant shall also submit EoI Application (in PDF format) at semppcju@gmail.com and info@pdcor.com

#### **5.6 Last Date of Submission of EoI Application**

- (a) EoI Application should be submitted before March 15, 2018, 4:00 PM at the address given in clause 5.5, in the manner and form as detailed in this Document.
- (b) Any EoI Application received after March 15, 2018, 4:00 PM shall not be accepted.
- (c) Directorate may in its sole discretion, extend the last date of submission of EoI Application.

#### **5.7 Right to Annul the EoI Process**

Notwithstanding anything contained in this EoI document, the Directorate reserves the right to annul the EoI process at any time without any liability or any obligation and without assigning any reason thereof

**Appendix : Format for Submitting EoI Application**



### Form-1: Details of the Applicant

<b>A</b>	<b>Name and Legal Status of Applicant</b>	
<b>1</b>	<b>Name of Applicant</b>	
<b>2</b>	<b>Legal Status of Applicant (Trust / Society/ Company)</b>	
<b>3</b>	<b>Date of Incorporation/ Registration  (enclose certified copy of certificate of incorporation/ registration)</b>	
<b>B</b>	<b>Contact Details of Applicant</b>	
<b>1</b>	<b>Name and Designation of Authorised Contact Person</b>	
<b>2</b>	<b>Postal Address</b>	
<b>3</b>	<b>Telephone Number (s)</b>	
<b>4</b>	<b>Mobile No.</b>	
<b>5</b>	<b>E-mail</b>	
<b>6</b>	<b>Website</b>	
<b>C</b>	<b>Brief Description of Applicant</b>	
<b>1</b>	<b>Organisation Profile</b>	enclose details
<b>2</b>	<b>Ownership Structure</b>	enclose details
<b>3</b>	<b>Background of Promoters</b>	enclose details
<b>4</b>	<b>Management Structure</b>	enclose details
<b>5</b>	<b>Main Line of Business</b>	enclose details

### Form-2: Certificate of Net Worth and Turnover/ Income

Applicant shall submit the certificate of Net Worth as on March 31, 2017 and Turnover/ Income for the Financial Year (FY) 2014-15, 2015-16, 2016-17 as per the format given below:

<b>1</b>	<b>Net Worth</b>	
(i)	Net Worth (Rs. Crore) as on March 31, 2017	
<b>2</b>	<b>Turnover/ Income</b>	
(i)	Turnover/ Income (Rs. Crores) for <b>FY 2014-15</b>	
(ii)	Turnover/ Income (Rs. Crores) for <b>FY 2015-16</b>	
(iii)	Turnover/ Income (Rs. Crores) for <b>FY 2016-17</b>	

### Form-3: Relevant Experience

S. N.	Particulars	
1	Name of Project	
2	Date of Establishment	
3	Project Cost (Rs. Crore)	
4	Role of Applicant (Developer/ Owner/Operator/ Service Provider)	Explain the Role of Applicant
5	Years of Experience as Developer / Owner / Operator / Service Provider	

**Note:** Applicant shall submit supporting documents/evidence e.g. work order/ completion certificate/ copy of contract agreement/ accreditations/ certifications etc. for size of the project, facilities/ services offered, organization's role in support of relevant experience claimed in the above **Form-3**.

### **Form-4: Brief Note on Your Understanding and Proposed Concept for Undertaking the Projects**

[Please provide short-note (*maximum 2 pages*) about your understanding and proposed concept for undertaking the Projects]