



EOI for 2000 MW Solar PV Projects on EPC basis (including land)

Ref: SECI/SOLAR/EOI/15-16

Date: 27.04.2015

Introduction:

Solar Energy Corporation of India (SECI) is a Central Public Sector Enterprise under the aegis of Ministry of New and Renewable Energy (MNRE) has been instrumental in proliferation of Solar Power under various schemes like JNNSM of MNRE, like 750 MW Grid connected Solar PV Projects, Roof Top Solar PV across the country and Solar Parks as concentrated zones of Solar Projects. Apart from above promotion of R&D activities on various facets of Solar Power and community service with help of Solar Power are also entrusted to SECI.

SECI in line with the objectives of National Solar Mission is now committed to bring in large sized solar projects and is in search of partners in progress to achieve the national objectives in this historical juncture.

Objective:

Objective of SECI: Solar Energy Corporation of India, in line with national objectives is interested to rapidly scale up solar power generation in the Country. Accordingly it has been envisaged to set up 2000 MW solar PV projects with projects sizes 500 MW / 250 MW on EPC basis, through prospective EPC contracting agencies. Project commissioning is envisaged in a time bound manner with operation and maintenance of one (01) year, prior to handover over of the plant.

Model Partners:

Model Partners in progress expected by SECI would be companies or a consortium of companies, already having experience of building large Solar PV Projects, having the wherewithal and resources to build giant projects and willing to take up assignments for construction and commissioning of even larger size Solar PV Projects, with defined output, in a time bound manner.

Project Procurement Models:

Project is envisaged to be developed through the selected EPC Contractor for carrying out the implementation of the Project including arrangement of land (minimum @4.5Acres/MW). Arrangement of land shall be done on any of these basis i.e. Right to Use/ Lease Hold / Free Hold and free from any encumbrances. Contract will be awarded, with a contracted output in terms of Capacity Utilization Factor (CUF). For procurement of equipment, construction of plant and transmission line, commissioning of plant, payments shall be released as per agreed schedule and percentage components. Upto the period of one year from date of commissioning, any revenue loss on account of shortfall in generation as per agreed contract performance is liable to be recovered from the EPC Contractor.

Scope of Work:

Scope of the work includes:

1. Procurement/ Arrangement of land for the project and Transmission Corridor upto the nearest Central Transmission Utility (CTU) substation in the name of the SECI or designated assignee. Arrangement / procurement of land can be on any of these basis i.e. Right to Use/ Lease Hold / Free Hold. However land should be free from all and any encumbrances.



2. Arranging, obtaining and maintaining all permits, licenses, approvals, no objection certificates, clearances from all authorities concerned in the name of itself or / and SECI or its designated assignee (as the case may be), to enable unhindered smooth progress of all works during construction up-to power generation and injection to CTU Grid including operation of the Plant.
3. Procurement of all equipment required for setting up of the rated capacity of the plant, power evacuation and transmission requirements at specified voltage.
4. Creation of infrastructure requirements inside plant like road network, drainage & sewage systems including culverts, waterline network, station lighting, fire control systems, lightning arrestor systems, fencing / boundary wall and security systems including security gates etc.
5. Providing control room and administrative building inside plant and tele communication network for inside and outside plant communication.
6. Providing SCADA system and solar radiation and weather monitoring system within plant for information and control of required parameters.
7. Providing suitable grid compliant Reactive power management system & metering system.
8. Compliance with all legal requirements of the Country and State where the Project is located.
9. Commissioning the power plant to its full capacity, delivering power to CTU Sub station.
10. Operation and maintenance of plant for a period of one (01) year from the commissioning for demonstration of agreed performance level and handover the entire plant to SECI or its designated assignee.
11. Any other activity deem fit and necessary for execution and operation of the Project as per prudent utility practices.

Time Period:

Total time period envisaged for the above is **thirty (30) months for 500 MW and 24 months for 250 MW**, reckoned from the date of issue of Letter of Award (LOA) **including its one (01) year of operation period.**

Submission of EOI

- 1) Interested parties are required to submit information complete in all respects for attributes specified in the enclosed format (Refer **Annexure-A**). The furnished information shall be well supported with relevant documents. **A discussion meeting shall be held on 08.05.2015 at 11:00 AM at SECI's Office.**
- 2) Prospective parties may submit their 'Expression of Interest' dully signed by the authorized signatory along with relevant details as sought in the data sheets latest by **15th May 2015 till 02:00 PM**, in two (2) hard copies (**1 Original + 1 Photocopy**) in a sealed cover super scribing **"Expression of Interest (EOI) for procurement of 2000 MW Solar PV Projects",**

The General Manager
Solar Energy Corporation of India,
A-Wing, D-3, District Centre, Saket, New Delhi-110017

For any clarification, you are requested to contact Abhinav Kumar, Deputy Manager (011-71989225 /+91 9911645489) or Email: solarpv@seci.gov.in

- 3) While no EMD/ Bid Security is envisaged in the EOI stage, Bidders willing to participate in the Bidding round, will be required to Submit Bid Security as per the requirements of Bid Document. Details regarding Bid Security and CPG will be elaborated in Bid Documents.



Disclaimer :

Prospective Bidder acknowledges and agrees that:

- 1 Solar Energy Corporation of India (SECI) 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.
- 2 It is also agreed that SECI in its sole discretion, may reject any and all proposals made by Bidders, may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- 3 Prospective Bidders acknowledge and agree that response to the EOI is purely voluntary action on their part and for any expenditure on this account by them, SECI will have no obligation or liability to the prospective bidders in the event of cancellation of EOI.

Note: Bidders are requested to keep themselves updated with the website www.seci.gov.in on regular basis for any addition / deletion / modification / clarification or notification in respect of this, at EOI stage and at bidding stage. No separate notification will be issued in any other media.

Information to be submitted by prospective bidders

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

Sl .No.	Parameters	Details
i.	Name of the Company	
ii.	Country where the company is registered	
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 31.03.2015)	
v.	Annual Turnover of the Company (as on 31.03.2015)	
vi.	Shareholding Pattern (as on 31.03.2015)	
vii.	Past Experience as Developer of Solar PV Projects, if any	
viii.	Experience of executing EPC Contracts of Solar PV Projects, if any (<i>State location, contract awarded by, capacity, client, contract value and attach copy of credentials</i>)	
ix.	Experience of executing projects in any other sector under EPC Contract, if any (<i>State location, contract awarded by, capacity, client, contract value and attach copy of credentials</i>)	

- Proposed Project Details against EOI:**

Project Details	
State	
District	
Tehsil	
Village	
Area (acres)	
Capacity Proposed	
Nearest CTU location s/s distance	
Proposed voltage of transmission	
Time period required for Commissioning	

**to be filled for every Project*

- Suggested payment mile stones (not more than 5) and percentage breakup of total contract value for model given in EOI -**

Name of mile stone	% of total Contract value
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1	
2	
3	
4	
5	
Total %	100

**If required further rows may be added*

4. Any reservations / suggestions on the EOI or suggestions on any aspect of the EOI, if any, like Time Period required for 250 MW Project capacity, Time period required for 500 MW project capacity, Qualifying / Eligibility Criteria (i.e. Net Worth/ Turnover/Experience of executing minimum Project capacity, minimum number of such projects executed)?

Signature:

Name:

Designation:

(Authorised Signatory)