

## **SPECIAL GENERAL PROCUREMENT NOTICE**

### **India**

#### **Innovation in Solar Power and Hybrid Technologies (P160379)**

1. The Solar Energy Corporation of India (SECI) Ltd., under Ministry of New and Renewable Energy, Government of India has applied for a funding from the International Bank for Reconstruction and Development (IBRD) and Clean Technology Fund (CTF) in the amount of US\$ 200 million towards the cost of Innovation in Solar Power and Hybrid Technologies Project and it intends to apply the proceeds of this funding to payments for goods, works and services to be procured under this project.
2. The project will include procurement of (i) solar assets, (ii) wind generation assets, and (iii) battery solutions to be procured through open international competitive procurement process of the World Bank.
3. Procurement of contracts financed by the World Bank will be conducted through the procedures as specified in the World Bank's Procurement Regulations for IPF Borrowers (July 2016) (Procurement Regulations), and is open to all eligible firms and individuals as defined in the Procurement Regulations.
4. Specific Procurement Notice for the contracts to be bid under the World Bank's International Competitive Bidding procedure will be announced as they become available in UNDB/dg Market online, national newspapers, SECI website ([www.seci.co.in](http://www.seci.co.in)).
5. The Solar Energy Corporation of India (SECI) Ltd. now invites eligible interested bidders to indicate their interest who wish to participate in the tendering process for the large-scale Solar-Wind Hybrid Power Plant(s) project, with energy storage solution, with a cumulative capacity of about 160 MW. The project site is tentatively identified in Ramagiri district of the State of Andhra Pradesh. Common facilities/shared infrastructure for the project will be provided by New and Renewable Energy Development Corporation of Andhra Pradesh (NREDCAP) while transmission evacuation facilities will be provided by Andhra Pradesh Transmission Company Limited (AP Transco). SECI will own the project and power generated from the project will be sold by SECI to the potential off-takers including Andhra Pradesh distribution companies by way of execution of a long term power purchase agreement (PPA).
6. The bidders should provide information as below:
  - a. Demonstrating that they have the required financial strength and relevant experience to perform a contract of similar nature [refer Annexure 1 for broad scope of work].
  - b. Proposed optimization model of generation from solar and wind with appropriate use case for storage solution. It is intended that the proposed storage solution may serve the following cases: (i) Smoothing of the generation profile (ramp rate control) for dispatch, and (ii) optionally, peak shifting (number of hours may vary, say between 1 hour and 4 hour, and to be decided based on the state's demand profile, amongst other factors). Use cases beyond those indicated above for storage solution could also be proposed. Based on the use case, appropriate sizing of storage solution to be proposed.
  - c. Proposed performance guarantee parameters viz. CUF, Availability Factor, Performance Ratio etc.
7. Eligible interested bidders can form consortium/joint ventures to strengthen their credentials. Eligible interested bidders shall express their interest in a written form along with information

required in template provided in Annexure 2. The proposal shall not exceed more than 40 pages to the address below (in person, or by mail, or by fax, or by e-mail) by February 5, 2018.

Solar Energy Corporation of India Limited  
Attn: General Manager (C&P)  
1st Floor, D-3, A Wing, Prius Platinum Building, District Centre, Saket  
New Delhi-110017, India  
Tel: 011-71989200/290/256  
E-mail: [contracts@seci.co.in](mailto:contracts@seci.co.in)

8. This will be followed by scheduling presentations with the prospective bidders submitting their proposals and considered eligible by SECI on February 15, 2018 at its office either face to face or through webex or video-conferencing. Link for webex or video-conferencing will be provided for national and international bidders. In case, additional information or clarification is required, the same will be sought through email by January 29, 2018.
9. Interested bidders are also informed that through this Special GPN, SECI intends to only learn about the market scenario of Solar and Wind hybrid project along with suitable deployment of energy storage solutions, eligible interested national and international bidders, their financial and technical capacities, relevant experience in the sector and their capacity and interest to participate in Solar Wind Hybrid model; and not to carry out the initial selection process or to finalize the contract award. This Special GPN doesn't guarantee conversion into any contractual obligations. The participation in this Special GPN is purely voluntary and non-participation will not prohibit any bidder from participating in the subsequent tendering process in future.

## **Annexure 1**

### **Broad Scope of Work for Solar-Wind Hybrid Power Plant(s), potentially with energy storage, with a cumulative capacity of about 160 MW**

Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning, associated transmission System for 160 MW grid connected Hybrid power plant with a mix of Solar PV and Wind along with Energy Storage System including Comprehensive Operation & Maintenance for 5 (five) years at Ramagiri, District – Ananthapuramu in the state of Andhra Pradesh.

**Annexure 2****1. Details of the Respondent** *(In case of Consortium name the companies constituting the consortium and each member company to furnish separate information sheet)*

<b>Sl .No.</b>	<b>Parameters</b>	<b>Details</b>
i.	<b>Name of the Company</b>	
ii.	<b>Country of Incorporation</b>	
iii.	<b>Status of the Company:</b> a) Whether registered under the Companies Act 1956 / the Companies Act 2013 b) If not, Country of Incorporation	
iv.	<b>Net Worth of the Company (as on 31.03.2017 or closure of FY 17)</b>	
v.	<b>Annual Turnover of the Company as on 31.03.2017 or of FY 17)</b>	
vi.	<b>Past Experience as an EPC:</b>  a) Total cumulative grid connected solar project PV capacity with Scope of Work including Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning along with associated transmission System (MW)  b) Total cumulative grid connected Wind Power capacity with Scope of Work including Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning along with associated transmission System (MW)  c) Total cumulative grid connected Battery Energy Storage System with Scope of Work including Design, Engineering, Procurement & Supply, Construction & Erection, Testing, Commissioning (MW)  Details of the past experience of the Projects to be enclosed as per Format-A1	

**Annexure-3: Suggestions**

Any suggestions regarding Project / Bidding Parameters (you are requested to enclose separate sheets):

### Format – A1- Past Experience Details

S. No.	Project Type (Solar/Wind/Hybrid/BESS)	Project Capacity (MW)	Location (District, State, Country)	Status of Construction (Commissioned / under construction)	Operational / Commissioned since (year)

We hereby declare that above information are 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)