

**Request for Selection (RfS) Document  
for  
Selection of RE Power Developers for Supply of 600  
MW Firm and Dispatchable Power from ISTS-  
Connected Renewable Energy (RE) Power Projects  
with Energy Storage System in India under Tariff-  
based Competitive Bidding with “GREENSHOE  
OPTION” of additional capacity upto 600 MW**

**RfS No.: SJVN/CC-Delhi/REIA/2024/FDRE-2**

**Tender Search Code (TSC): SJVN-2024-TN000003**



**ISSUED BY:**

**SJVN Limited**

**(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)**

**Contracts & Procurement Section, REIA**

**6<sup>th</sup> Floor, Tower No. 1, Office Block,**

**NBCC Complex, East Kidwai Nagar, New Delhi-110023**

**Website: [www.sjvn.nic.in](http://www.sjvn.nic.in),**

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**CIN No. L40101HP1988GOI008409**

## **DISCLAIMER**

- 1) Though adequate care has been taken while preparing the RfS document, the bidder(s) shall satisfy themselves that the document is complete in all respect. Intimation regarding any discrepancy shall be given by the prospective bidders to the office of SJVN Ltd immediately.
- 2) If no intimation is received from any bidder within **21 (Twenty-One) days from the date of issuance of RfS documents**, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder(s).
- 3) SJVN Ltd reserves the right to modify, amend or supplement this document.
- 4) This RfS document has been prepared in good faith, and on best endeavour basis. Neither SJVN Ltd nor their employees or advisors make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statements or omissions herein, or the accuracy, completeness or reliability of information, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this document, even if any loss or damage is caused by any act or omission on their part.
- 5) In case of any discrepancy in the documents uploaded on the websites of SJVN Ltd, ISN-ETS and CPPP, the documents uploaded on the ISN-ETS website will prevail.

**Place:** New Delhi

**Date:** 27.03.2024

# **SECTION I: INVITATION FOR BIDS**

## **SECTION-I: INVITATION FOR BIDS**

### **1.1 INTRODUCTION**

- 1.1.1. SJVN Limited (hereinafter referred as “SJVN/Renewable Energy Implementing Agency”) is a Joint Venture of Govt. of India & Govt. of Himachal Pradesh and a Mini Ratna, Category-I and Schedule – ‘A’ CPSE under administrative control of Ministry of Power, Govt. of India.
- 1.1.2. SJVN has been designated as Intermediary Procurer / Renewable Energy Implementing Agency (REIA) vide Office Memorandum F. No. 283/33/2020- GRID SOLAR dated 24<sup>th</sup> April 2023 issued by Ministry of New and Renewable Energy (MNRE), Govt of India.
- 1.1.3. With the intervention of Government of India, the risks associated with solar and wind power sector have been brought down through measures as advanced arrangement of land and evacuation through solar parks, green energy corridors, a secure and standardized PPA for 25 years with elaborate mechanism for risk apportionment and compensations, payment security, etc.
- 1.1.4. Such de-risking of renewable energy (RE) sector, coupled with advancement of technologies and economies of scale has resulted in bringing down the tariffs in solar and wind power sector thereby aiding in rapid deployment of solar and wind capacity in the country.
- 1.1.5. However, the intermittent and variable nature of renewable energy and low- capacity utilization of the transmission system needs to be addressed. The problem will get pronounced with the addition of largescale renewable capacity. In order to manage the infirm nature of power, electricity distribution companies (DISCOMs) are procuring balancing power to provide grid stability and meeting their requirements during hours /periods of non-availability of renewable energy (RE).
- 1.1.6. The developments in renewable energy sector, an increased demand for ‘green power’ and a vision for realizing ‘true’ energy independence for the country, present a case for supply of round-the clock/demand based renewable power to the distribution companies (DISCOMs). Such power shall have elements of ‘firmness’ as well as ‘dispatchability’. The objective is to cater to the off-taker’s requirements based on demand completely from RE sources.
- 1.1.7. With the objective to enable procurement of Firm and Dispatchable RE power by DISCOMs from grid-connected Renewable Energy (RE) power projects, with Energy Storage through tariff based competitive bidding, Ministry of Power has issued “Guidelines for Tariff Based Competitive Bidding Process for Procurement of Firm and Dispatchable Power from Grid Connected Renewable Energy Power Projects with Energy Storage Systems” dated 09.06.2023. These Guidelines have been issued under section 63 of the Electricity Act, 2003 to enable procurement of Firm and Dispatchable RE power by DISCOMs from grid-

connected Renewable Energy (RE) power projects, with Energy Storage through tariff based competitive bidding. This RfS document has been prepared in line with the above Guidelines, including subsequent amendments and clarifications, issued until the last date of bid submission of this RfS.

- 1.1.8. As part of the above scheme, SJVN hereby invites proposals for Selection of RE Power Developers for Supply of 600 MW Firm and Dispatchable Power from ISTS- Connected Renewable Energy (RE) Power Projects with Energy Storage System in India under Tariff-based Competitive Bidding with “GREENSHOE OPTION” of additional capacity upto 600 MW, on Build-Own- Operate (BOO) basis. SJVN shall enter into a Power Purchase Agreement (PPA) with the successful Bidders selected based on this RfS for purchase of Power for a period of 25 years based on the terms, conditions and provisions of the RfS and PPA. The RfS and PPA document is available for download from the ISN- ETS portal <https://www.bharat-electronictender.com> and SJVN’s website [www.sjvn.nic.in](http://www.sjvn.nic.in).
- 1.1.9. Power procured by SJVN from the above Projects has been provisioned to be sold to the different Buying Entities of India. The details of Buying Entities shall be intimated at a later date. SJVN shall at its discretion be entitled to substitute any entity in other states only for selling the power procured from the selected Bidders. SJVN shall be an intermediary nodal agency/procurer for procurement of power supplied by the Renewable Power Developer (RPD)/Renewable Energy Power Generator (REPG) and sale of such power to the Buying Entity(ies) entirely on back-to-back basis, based on due performance by the RPD as well as the Buying Entity(ies).
- 1.1.10. The Bidders will be free to avail fiscal incentives like Accelerated Depreciation, Concessional Customs and Excise Duties, Tax Holidays etc. as available for such Projects. The same will not have any bearing on comparison of bids for selection. As equal opportunity is being provided to all bidders at the time of tendering itself, it is up to the bidders to avail various tax and other benefits. No claim shall arise on SJVN for any liability if bidders are not able to avail fiscal incentives and this will not have any bearing on the applicable tariff. SJVN does not however, give a representation on the availability of fiscal incentive and submission of bid by the bidder shall be independent of such availability or non-availability as the case may be of the fiscal incentives.
- 1.1.11. No separate Central Financial Assistance is envisaged for implementation of the Projects selected under this RfS.

**1.1.12. Capacity Offered:**

The minimum quantum of power that can be offered by the Bidder shall be 50 MW and the maximum quantum of power shall be 600 MW. The total cumulative capacity of power to be awarded under this RfS shall be 600 MW with “GREENSHOE OPTION” of additional capacity upto 600 MW (i.e. total up to 1200 MW)

A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit a single bid offering a minimum quantum of Contracted Capacity of 50 MW and a

maximum quantum of 600 MW, in the prescribed formats. However, for Projects located in North-Eastern States and Special Category, the minimum quantum of Contracted Capacity that can be offered by a Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company, shall be 30 MW. The Contracted Capacity shall be quoted in multiple of 10 MW only.

Note: In case a common Company/Companies directly or indirectly hold(s) more than 10% but less than 26% shareholding in more than one Bidder participating in the RfS, each of such Bidders will be required to submit the Disclosure as per Format 7.8A. In all other cases, Format 7.8 will be applicable.

SJVN may allocate additional capacity upto 600 MW under “GREENSHOE OPTION” in accordance with Clause 1.1.14 below.

### **1.1.13. Capacity Allocation under “GREENSHOE OPTION”:**

The modality for allocation of additional upto 600 MW capacity under “GREENSHOE OPTION” shall be as under:-

- a) Upto 600 MW additional capacity through “GREENSHOE OPTION” shall be offered to the Successful Bidder(s), who are willing to execute PPA(s) with SJVN at lowest tariff (L1 rate) discovered under Competitive Bidding Process (followed by e- reverse auction) to the extent of their respective quoted capacity or higher quantum (in case any of the Successful Bidder does not accept the additional quantum offered under the “GREENSHOE OPTION”) to the extent of total 600 MW for a Bidder. For avoidance of doubt, capacity allocation under “GREENSHOE OPTION” shall only be for the Successful Bidders.
- b) The Successful Bidder(s) intending to execute PPA for the GREENSHOE Capacity shall have to meet the eligibility criteria for the capacity intended to be entered into PPA under “GREENSHOE OPTION”. Successful Bidder(s) shall have to comply with the same by making submissions required in accordance with Section IV: Eligibility Criteria of the RfS within a period of 10 days from the conclusion of the e-reverse auction.
- c) In addition to the foregoing, the Successful Bidder(s) willing to execute PPA with SJVN at the L1 rate under “GREENSHOE OPTION” shall have to give confirmation within the period of 10 days from the conclusion of reverse e-auction.
- d) “GREENSHOE” capacity shall be allocated to the Successful Bidder(s) starting from L1 & so on in the reverse auction and willing to offer additional capacity under “GREENSHOE OPTION”. For avoidance of doubt, the unallocated capacity (if any) under the “GREENSHOE OPTION” shall not be offered to the Unsuccessful Bidders.

The terms & conditions as well as obligations & rights of Successful Bidder(s) as well as

SJVN shall be identical for additional capacity allocated under the “GREENSHOE OPTION” as for the base capacity of 600 MW under this RfS.

1.1.14. Bidders, including its Affiliates, who have already commissioned RE plants/storage plants or in process of constructing such plants and have untied capacity may also participate in the bid. In such case, they will be given the benefit of a longer duration of PPA, commensurate to the duration between the actual date of commencement of supply of power and Scheduled Commencement of Supply Date (SCSD). Bidders, including its Affiliates, who have already set up capacity or who have spare untied capacity (that is unencumbered from any power supply commitments or power purchase agreements and is available for augmenting the proposed RE power under this RfS may also participate in the bid.

For avoidance of any doubt, it is clarified that ESS may be constituted as part of the Project or may be tied-up separately with a third party by the Bidder, for supply of power.

1.1.15. The bidders will be selected by the process of e-bidding (Single Stage Two Envelope Bidding Process. Envelope-I: Technical Bid and Envelope-II: Financial Bid) to be followed by e-reverse auction process for selection of bidders. For conducting electronic tendering, SJVN is using the portal <https://www.bharat-electronictender.com> (i.e. ETS Portal) of M/s ISN Electronic Tender Services Ltd. The portal is also referred to as Electronic Tender System® (ETS).

## 1.2 INVITATION FOR BIDS

On behalf of SJVN Limited (SJVN/Renewable Energy Implementation Agency(REIA)), ONLINE e-Tender Enquiry under Single Stage Two Envelope Bidding Process (Technical Bid & Financial Bid) are hereby invited from the RE Power Developers (RPDs)/ RE Power Generators (REPGs) who are meeting the Qualification Requirements (QR) stipulated at Section IV for Selection of RE Power Developers for Supply of 600 MW Firm and Dispatchable Power from ISTS- Connected Renewable Energy (RE) Power Projects with Energy Storage System in India under Tariff-based Competitive Bidding with “GREENSHOE OPTION” of additional capacity upto 600 MW, on Build-Own-Operate (BOO) basis. SJVN shall enter into a Power Purchase Agreement (PPA) with the successful Bidder(s) selected based on this RfS for purchase of RE Power / FDRE Power for a period of 25 years based on the terms, conditions and provisions of the RfS and PPA. The standard PPA document is available for download from ISN-ETS portal <https://www.bharat-electronictender.com>. and SJVN’s website [www.sjvn.nic.in](http://www.sjvn.nic.in).

### 1.3 BID INFORMATION SHEET:

Sr. No.	Description	
1.	RfS No.	<b>SJVN/CC-Delhi/REIA/2024/FDRE-2</b>
2.	RfS Date	<b>27.03.2024</b>
3.	Name of Work	Selection of RE Power Developers for Supply of 600 MW Firm and Dispatchable Power from ISTS-Connected Renewable Energy (RE) Power Projects with Energy Storage Systems in India under Tariff-based Competitive Bidding, on Build-Own-Operate (BOO) basis with “GREENSHOE OPTION” of additional capacity upto 600 MW.
4.	Mode of Tender	Open e-Tender (Single Stage two Envelope system).
5.	Document Fee/Cost of RfS Document (Non - refundable)	Amount: INR 25000 + 18% GST to be submitted through NEFT/ RTGS transfer in the account of SJVN, along with the response to RfS.
6.	Bid Processing Fee	INR 15 Lakh + 18% GST for each Project, to be submitted through NEFT/RTGS transfer in the account of SJVN, along with the response to RfS.
7.	Earnest Money Deposited (EMD)	Amount as per Clause 3.10.1 of the RfS, to be submitted in the form of Bank Guarantee along with the response to RfS
8.	Performance Bank Guarantee	As per the RfS document.
9.	Document available for downloading	As per NIT on ISN-ETS portal.
10.	Date and Venue of Pre-Bid Meeting	22.04.2024 at 11:00 Hrs Venue: Conference Room, SJVN Ltd., 6th Floor, Tower No.1, Office Block, NBCC Complex, East Kidwai Nagar, New Delhi-110023 (In case of change in venue, the same shall be intimated separately <b>OR</b> through Video Conferencing (Link will be provided on the designated website prior to the Pre-bid meeting.)
11.	Last Date and Time for submission of Online Bids	28.05.2024 till 18:00 Hrs