

Request for Selection (RfS) Document

for

**Selection of RE Power Developers for Supply of
1500 MW Firm and Dispatchable Power from
ISTS- Connected Renewable Energy (RE) Power
Projects with Energy Storage System in India
under Tariff-based Competitive Bidding**

RfS No.: SJVN/CC-Delhi/REIA/2023/FDRE-1
Tender Search Code (TSC): SJVN-2023-TN000001



ISSUED BY:

SJVN Limited

(A Joint Venture of Govt. of India & Govt. of Himachal Pradesh)
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Place: New Delhi

Date: 20.06.2023

**SECTION 1:
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 dt 24th April 2023 issued by Ministry of New and Renewable Energy (MNRE), Govt of India.
- 1.1.3** In order to facilitate development of grid connected solar power, the first phase of National Solar Mission provided for a scheme of “bundling” wherein, then relatively expensive solar power was bundled with cheaper power from non-RE sources including thermal power from the unallocated quota of the Government of India (Ministry of Power), generated at NTPC coal-based stations.
- 1.1.4** 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.
- 1.1.5** 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.
- 1.1.6** 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).
- 1.1.7** 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.