



# **SJVN Green Energy Limited (SGEL)**

**(A Wholly Owned Subsidiary of SJVN Limited)**

**BID DOCUMENT**

**FOR**

**EPC PACKAGE WITH LAND FOR DEVELOPMENT OF AC GRID CONNECTED SOLAR PHOTOVOLTAIC POWER PROJECTS UP TO CAPACITY OF 500 MW IN THE STATE OF RAJASTHAN NEAR 220 kV BIKANER-IV SUBSTATION AT AMBARAN, INCLUDING TRANSMISSION LINE AND COMPREHENSIVE O&M FOR THREE (03) YEARS (UNDER PSPCL ET-3).**

**(DOMESTIC COMPETITIVE BIDDING)**



**Bid Document No: SGEL/CHQ/Contracts/EPC-Bikaner-IV/2025**

**August , 2025**

**Tender Search Code: SGEL-2025-TN000004**

**Regd. & Corporate Office**

Corporate Headquarter,

Shakti Sadan, Shanan

P.O. Malyana, Shimla –171006(H.P.)

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

CIN No: **CIN: U40100HP2022GOI009237**

**Bid Document No: SGEL/CHQ/Contracts/EPC-Bikaner-IV/2025**

**Page 1 of 228**

## INDEX

SECTION	DESCRIPTION
I	Notice Inviting Tender (NIT)
II	Instructions to Bidders (ITB)
III	Conditions of Contract (CC)
IV	Technical Specifications (TS)
V	Bid Response Sheets (BRS) & Annexures
VI	RfS issued by Punjab State Power Corporation Limited (PSPCL)



# **SECTION-I**

## **NOTICE INVITING TENDER (NIT)**



# SJVN Green Energy Limited

(A Wholly Owned Subsidiary of SJVN Limited)

## NOTICE INVITING TENDER

Bid Document No: SGEL/CHQ/Contracts/EPC-Bikaner-IV/2025

August 2025

**SUBJECT: EPC package with Land for Development of AC Grid Connected Solar Photovoltaic Power Projects up to capacity of 500 MW in the state of Rajasthan near 220 kV Bikaner-IV substation at Ambaran, including transmission line and Comprehensive O&M for three (03) years (under PSPCL ET-3).**

- 1.1** SGEL has entered into Power Purchase Agreement with Punjab State Power Corporation Limited for procurement of 1000 MW Solar Power from Grid connected Solar PV Power Projects.

Out of 1000 MW capacity, SJVN Green Energy Limited (a wholly owned subsidiary of SJVN Limited), invites online bids through open tender basis on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) with Reverse Auction for EPC Tender "EPC package with Land for Development of AC Grid Connected Solar Photovoltaic Power Projects up to capacity of 500 MW in the state of Rajasthan near 220 kV Bikaner-IV substation at Ambaran including Transmission Line and Comprehensive O&M for three (03) years (under PSPCL ET-3)".

Selection of Solar PV Power Projects upto the full capacity will be carried out through e-bidding followed by e-Reverse Auction process. The minimum capacity allocation to the bidder shall be 250 MW or higher in multiples of 250 MW and maximum allocation to a single bidder shall be 500 MW.

The Solar Modules to be used for this project shall be sourced only from the Model and Manufactures included in the latest "Approved List of Models and Manufactures (ALMM)" issued by MNRE.

**1.2 BRIEF DETAIL/KEY DATES**

Sl. No.	Description of Item	Particulars
1.	Brief Scope of Work	EPC package with Land for Development of AC Grid Connected Solar Photovoltaic Power Projects up to capacity of 500 MW in the state of Rajasthan near 220 kV Bikaner-IV substation at Ambaran, including transmission line and Comprehensive O&M for three (03) years (under PSPCL ET-3).



Sl. No.	Description of Item	Particulars								
2.	Sale of Power & PPA	SGEL has entered into Power Purchase Agreement with Punjab State Power Corporation Limited on 14.08.2023 in response to "Request for Selection (RfS) Issued vide RfS No. 33/ PSPCL/IPC/SOLAR/1000MW/2022/ET-3 Dated 19.04.2022 along with its amendments.								
3.	(a) Duration of Engineering, Procurement and Construction (EPC).	(a) As per clause 3.17 of bid document.								
	(b) Duration of Comprehensive Operation & Maintenance.	(b) Three (03) years from the Commercial Operation Date (COD).								
4.	Cost of bid document (non-refundable)	<p>Rs. 5,000.00 (Rs. Five Thousand only) +18% GST.</p> <p>Bidders can pay for the cost of documents in the form of electronic transfer/ NEFT Payments in the following account details of SGEL:</p> <table><tr><td><b>Name of Bank</b></td><td>State Bank of India</td></tr><tr><td><b>Account No.</b></td><td><b>40946180057</b></td></tr><tr><td><b>IFSC</b></td><td>SBIN0003219</td></tr><tr><td><b>Address</b></td><td>M-2, South Extension, Part New Delhi, Delhi 110049</td></tr></table> <p><b>Access for downloading the Bid Document:</b></p> <p>After submission of cost of Bid Document, the bidder has to submit its Request for providing access to download the Bid Document' in the format provided at <b>Annexure-1</b> to the NIT to SGEL Email <a href="mailto:ID-contracts.sgcl@sjvn.nic.in">ID-contracts.sgcl@sjvn.nic.in</a> in working day (before the last date of downloading of bid documents)</p> <p><b>The Bids without cost of bid document shall not be considered for the bidding and such bids shall not be opened by SGEL.</b></p>	<b>Name of Bank</b>	State Bank of India	<b>Account No.</b>	<b>40946180057</b>	<b>IFSC</b>	SBIN0003219	<b>Address</b>	M-2, South Extension, Part New Delhi, Delhi 110049
<b>Name of Bank</b>	State Bank of India									
<b>Account No.</b>	<b>40946180057</b>									
<b>IFSC</b>	SBIN0003219									
<b>Address</b>	M-2, South Extension, Part New Delhi, Delhi 110049									
5.	Bid Security/Earnest Money Deposit (EMD)	Bid security/Earnest Money Deposit requirement as per Clause 2.8 & <b>Attachment-3</b> is required to be submitted as <b>per following:</b>								