

Bid Document

For

Selection of Solar Power Developers

For

**Setting up of 1352 MW Solar Projects (102 Nos.)
Under MSKVY 2.0 (PM Kusum Component C) in
the State of Maharashtra**

Bid Document No.: SGEL/CHQ/Contracts/KUSUM 1352MW/2024
Tender Search Code (TSC): SJVN-2024-TN000018



ISSUED BY:

SJVN Green Energy Limited (SGEL)

(A Wholly Owned Subsidiary of SJVN Limited)

Corporate Headquarter,
Shakti Sadan, Shanan
P.O. Malyana, Shimla –171006 (H.P.)
Website: www.sjvn.nic.in
Email Id: contracts.sgel@sjvn.nic.in

CIN: U40100HP2022GOI009237

DISCLAIMER

1. Though adequate care has been taken while preparing the Bid 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 SGEL Ltd immediately.
2. If no intimation is received from any bidder within 21 (Twenty-one) days from the date of issuance of Bid Document, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder(s).
3. SGEL reserves the right to modify, amend or supplement this document.
4. This Bid Document has been prepared in good faith and on best endeavor basis. Neither SGEL 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 SGEL, ISN-ETS and CPPP, the documents uploaded on the ISN-ETS website will prevail.

Place: Shimla

Date: 20.12.2024

SECTION 1: INVITATION FOR BIDS

SECTION-I: INVITATION FOR BIDS

1.1 INTRODUCTION:

Government of India has taken various policy measures to fulfil its commitment made in Paris Climate Agreement in 2015 to have 40% of installed power generation capacity from non-fossil fuel sources by 2030. To provide energy and water security to farmers and enhance their income, de-dieselise the farm sector, and reduce environmental pollution, the Government of India approved PM-KUSUM Scheme on 19.02.2019. The approved scheme comprised of three components:

- Component-A: Addition of 10,000 MW of solar capacity through installation of small solar power plants of capacity up to 2 MW.
- Component-B: Installation of 20 lakh standalone solar powered agricultural pumps.
- Component-C: Solarisation of 15 lakh existing Grid-connected Agriculture Pumps PM-KUSUM scheme is one of largest initiatives of the world to provide clean energy to more than 35 lakhs farmers by solarising their agriculture pump under component B and C.

1.1.1 PM-KUSUM (Component-C)

The Government of India vide O.M dated July 22, 2019, has issued guidelines for implementation of “Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahabhiyan” (“PM-KUSUM”). Under PM KUSUM Scheme, agriculture feeders already segregated or, feeders having major load for agriculture may be solarized using installation of grid connected solar power plant. Subsequently, the MNRE introduced and amended guidelines for implementation of feeder level solarization under Component-C of PM-KUSUM vide OM dated December 4, 2020, and July 12, 2023. The MNRE has, on January 17, 2024, issued comprehensive guidelines for implementation of PM KUSUM, with components, including, inter alia, Component C (Feeder Level Solarization).

In furtherance of the implementation of Component C of PM KUSUM-MSKVY 2.0 has been launched for procurement of power from decentralized Solar PV ground mounted power plants in Maharashtra through RESCO mode. Government of Maharashtra GoM intends to develop decentralized solar projects with a cumulative capacity of 7000 MW in the State of Maharashtra. Further in COP-26 Glasgow Summit, Govt. of India has committed for the following:

- India will achieve a target of net zero emissions by the year 2070.
- By 2030, India will meet 50 percent of its energy requirements from renewable sources.
- India will decrease the total projected carbon emissions by one billion tonnes by 2030.
- India will take its non-fossil energy capacity to 500 GW by the end of 2030.

1.1.2 Incentives Under PM-KUSUM Scheme & Other Incentives

Bid Document for selection of SPD for Setting up of 1352 MW Solar Projects (102 Nos.) Under MSKVY 2.0 (PM Kusun Component C) in the State of Maharashtra (Bid Document No.: SGEL/CHQ/Contracts/KUSUM 1352MW/2024 TSC: SJVN-2024-TN000018

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PM Kusum Scheme Component C provides Central Financial Assistance (CFA) to the successful bidders. The provision is of CFA up to 100% of the total eligible CFA i.e. 30% of the estimated cost of installation of solar power plant for capacity corresponding to CFA eligible units of the Project i.e. up to Rs 1.05 Crores/MW. The CFA will be released after successful operation and performance of the Project for 02 months within a period of 06 months after the COD, with at least 1 (one) month CUF as per minimum CUF agreed in PPA.

The Project developer shall be eligible to claim an incentive of INR 0.25/ kWh for Units injecting energy at 11 kV / 22 kV bus bar for the power sold to MSEDCL for a period commencing from the date of commercial operation of each Unit till the date that falls on the expiry of 3 (three) years from COD of such Unit. Provided however that, such incentive (along with arrears if applicable) shall be payable by MSAPL only upon 75% of the Contracted Capacity achieving COD by SCOD. Such incentive shall be payable in respect of generation from all such Units that achieve COD on or before SCOD. This incentive shall be provided subject to approval by MSEDCL.

1.1.3 INITIATIVE OF SGEL UNDER PM KUSUM SCHEME

SJVN Green Energy Limited (SGEL) is a wholly owned subsidiary of SJVN Ltd, a Navratna, CPSU under Ministry of Power, Govt. of India. SJVN is having a total portfolio of more than 58 GW having Hydro, Solar, Wind, Floating Solar and Thermal Projects under various stages of development viz. Survey & Investigation, pre-construction, construction and O&M Stage. SGEL looks after the renewable energy business of SJVN, having a total portfolio of about 7.3 GW under various stages of project development. SGEL is aggressively moving ahead in Indian RE sector and keen to develop RE Projects around the country.

SGEL has bagged 1352 MW capacity of Solar power projects through tariff based competitive bidding under Request for Selection (RFS) for Procurement of Solar Power under Mukhya Mantri Saur Krushi Vahini Yojana 2.0 Scheme launched for implementation of feeder level solarisation under Component C of PM-KUSUM Scheme. The 1352 MW capacity will be installed through 102 Nos. Solar power projects in four districts of the State of Maharashtra.

Sr. No.	District	No. of Locations	Cumulative Capacity (in MW)
1	Pune	9	154
2	Nashik	22	304
3	Ahmednagar	19	315
4	Solapur	52	579
Total		102 Locations	1352 MW

The implementation of 1352 MW solar power projects under MSKVY 2.0 (PM KUSUM Component C) represents a significant step towards achieving the state's renewable energy targets and supporting sustainable agriculture practices.

1.2 INVITATION FOR BIDS:

1.2.1 On behalf of SGEL, ONLINE e-Tender Enquiry under Single Stage Two Envelope Bidding Process (Technical Bid & Financial Bid) are hereby invited from the Solar Power Developers (SPDs) who are meeting the Qualification Requirements (QR) stipulated at Section IV to develop above mentioned 102 ground mounted solar projects in the state of Maharashtra. These projects will be installed in 04 Districts of Maharashtra with grid connectivity at specific-sub stations allotted to SGEL. For tendering, these 102 nos. projects have been divided into number of groups. The bidder has to quote the prices for the group(s) only within the ceiling limit. The group details indicating projects, ceiling limit and the list of substations are attached as **Annexure-I** of this section.

1.2.2 The minimum contracted capacity that can be offered by the Bidder shall be capacity of a single group mentioned in the **Annexure-I of this section**. The maximum project capacity shall be 200 MW (adjusted to capacity of groups opted). The bid shall be quoted in multiple of group(s) only. The total cumulative capacity to be awarded to all the successful bidders under this bid document shall be 1352 MW.

A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit a single bid in the prescribed formats.

1.2.3 SGEL shall enter into a Power Purchase Agreement (PPA) with the successful Bidders selected based on this bid document for purchase of Power for a period of 25 years based on the terms, conditions and provisions of the bid document and PPA. The standard PPA document is available for download from the ISN-ETS portal <https://www.bharat-electronictender.com> and SJVN's website www.sjvn.nic.in.

1.2.4 SGEL intends to commission all the projects by 05.09.2025. Successful Bidder shall plan and execute all the activities in scope of work accordingly.

1.2.5 The Successful Bidder(s) shall be responsible for Financing, Development, Designing, Engineering, Procurement, Construction, Commissioning, Operation and Maintenance of the Project for 25 years including development of complete Evacuation Infrastructure up to the Delivery Point, at its own cost. The Successful Bidder shall be responsible to arrange / procure right of way required for Construction, Operation and Maintenance of the evacuation infrastructure at its own cost. SGEL may facilitate the successful bidder in coordinating with the MSEDCL, local administration, govt. offices on no liability basis.

1.2.6 The successful bidder(s) shall also arrange land for development of Solar Project (s). However, if sub lease for any revenue land available with MSEDCL has been signed by SGEL then same revenue land shall be further transferred to successful bidder on as is where is basis for development of Solar Project. Suitability of these leased land parcels for development of Solar Project of required capacity shall be ascertained by the bidder. The land parcels for development of Solar Projects shall be within 10 km

range of the corresponding substation. The solar power capacity of each Project will be connected at 11 kV voltage level of MSEDCL/MSETCL sub-station(s).

- 1.2.7** Power procured by SGEL from the above Projects has been provisioned to be sold to the MSEDCL. SGEL shall be an intermediary nodal agency/procurer for procurement of power supplied by the Solar Power Developer (SPD)/Solar Power Generator (SPG) and sale of such power to the MSEDCL entirely on back-to-back basis, based on due performance by the Solar Power Developer (SPD) as well as the Buying Entity i.e. MSEDCL.
- 1.2.8** 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 SGEL for any liability if bidders are not able to avail fiscal incentives and this will not have any bearing on the applicable tariff. SGEL 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.
- 1.2.9** Central Financial Assistance is envisaged for implementation of the Projects selected under this bid document. The incentives under PM KUSUM Scheme (MSKVY 2.0) i.e. CFA or any other incentive as per PPA signed between SGEL &
- 1.2.10** shall be passed on to the successful bidder.
- 1.2.11** The Contracted Capacity in MW is the Maximum Power Output (AC) from the Solar Power Project which can be scheduled at the Delivery Point / Inter-Connection point during any time block of the day. A bidder can offer projects at multiple locations subject to each project has minimum capacity as defined in this document.
- 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 Bid Document, 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.
- 1.2.12** 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, SGEL 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).

1.3 BID INFORMATION SHEET:

Sr. No.	Description									
1.	Bid Document No.	SGEL/CHQ/Contracts/KUSUM 1352MW/2024								
2.	Bid Document Date	20.12.2024								
3.	Name of Work	Selection of SPD for Setting up of 1352 MW Solar Projects (102 Nos.) Under MSKVY 2.0 (PM Kusum Component C) in the State of Maharashtra								
4.	Mode of Tender	Open e-Tender (Single Stage two Envelope system).								
5.	Document Fee/Cost of Bid Document (Non-refundable)	<p>Rs. 5,000.00 (Rs. Five Thousand only) +18% GST. 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 border="1"> <tr> <td>Name of Bank</td> <td>State Bank of India</td> </tr> <tr> <td>Account No.</td> <td>40946180057</td> </tr> <tr> <td>IFSC</td> <td>SBIN0003219</td> </tr> <tr> <td>Address</td> <td>M-2, South Extension, Part -II New Delhi, Delhi 110049</td> </tr> </table> <p>After submission of cost of bid document, the bidder has to submit its request for providing access to download the bid document to SGEL Email ID – contracts.sgel@sjvn.nic.in in working day (before the last date of downloading of bid documents) with following details :</p> <ol style="list-style-type: none"> 1. Company Name 2. Organization ID (OID) of ETS portal 3. Copy GST registration certificate and PAN card 4. UTR Number along with receipt 	Name of Bank	State Bank of India	Account No.	40946180057	IFSC	SBIN0003219	Address	M-2, South Extension, Part -II New Delhi, Delhi 110049
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Address	M-2, South Extension, Part -II New Delhi, Delhi 110049									
6.	Bid Processing Fee	Rs. 15 Lakh + 18% GST for each bid, to be submitted through NEFT/RTGS transfer in the account of SGEL(as mentioned at sr. no								

		5 above), along with the response to Bid Document.								
7.	Earnest Money Deposit(EMD)	<p>Amount: INR 12,70,000/- (Indian Rupees Twelve Lakhs and Seventy Thousand only) per MW per Project subject to a maximum of INR 20 Crore to be submitted in the form of Bank Guarantee along with the response to Bid Document.</p> <p>In case bidder submit its Bid Security in the form of Bank Guarantee, the same shall be transmitted through SFMS Gateway by the issuing Bank to the designated Bank of SJVN Green Energy Limited, details of which is as below:</p> <table border="1"> <tr> <td>Name of Bank</td> <td>State Bank of India</td> </tr> <tr> <td>Account No.</td> <td>40946180057</td> </tr> <tr> <td>IFSC</td> <td>SBIN0013913</td> </tr> <tr> <td>Address</td> <td>M-2, South Extension, Part -II New Delhi, Delhi 110049</td> </tr> </table>	Name of Bank	State Bank of India	Account No.	40946180057	IFSC	SBIN0013913	Address	M-2, South Extension, Part -II New Delhi, Delhi 110049
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IFSC	SBIN0013913									
Address	M-2, South Extension, Part -II New Delhi, Delhi 110049									
8.	Performance Bank Guarantee	As per the Bid Document.								
9.	Document available for downloading.	20.12.2025 (19:00 Hrs) to 15.01.2025 (12:00 Hrs).								
10.	Date and Venue of Pre-Bid Meeting	<p>02.01.2025 at 11:00 Hrs</p> <p>Venue: SJVN Green Energy Limited, Corporate Head Quarter, Shakti Sadan, Shanan, Malyana, Shimla through Video Conferencing (Link to the Pre-bid meeting shall be uploaded in ETS portal as well as SJVN website later).</p>								
11.	Last Date and Time for submission of Online Bids	16.01.2025 till 14:00 Hrs								
12.	Last Date and Time for submission of Hard Copy of Documents	24.01.2025 by 18:00 Hrs								

13.	Date & Time of Opening of Technical Bid.	16.01.2025 at 15:00 Hrs
14.	Date & Time of Opening of Price Bids.	Shall be intimated to technically qualified bidders.
15.	e-Reverse Auction	Will be informed to eligible bidders. Date and time of e-RA shall be intimated through email.
16.	Period of Bid Validity	120 days from the last date of submission of bids prescribed by SGEL and any extension thereof.
17	Address for submission of queries regarding NIT, if any	Dy General Manager (Contracts), SJVN Green Energy Limited, Corporate Headquarter, Shakti Sadan, Shanan, P.O. Malyana, Shimla –171006 (H.P.) Email ID- contracts.sgel@sjvn.nic.in
18	CONTACT DETAILS OF ISN- ETS PORTAL	M/s ISN Electronic-Tender Services Pvt. Ltd., Gurugram Contact Person: ISN-ETS Support Team Customer Support: +91-124- 4229071, 4229072 (From 10:00 Hrs to 18:00 Hrs on all working Days i.e. Monday to Friday except Govt. Holidays) Email: support@isn-ets.com

1.4 AVAILABILITY OF BID DOCUMENT:

1.4.1 The detailed Bid Document shall be available on the ISN-ETS Portal (<https://www.bharat-electronictender.com>) and on SJVN's website www.sjvn.nic.in (Home Page Tender Management (under Quick Links at the Bottom of Home Page) Unit: Contracts SGEL).The Notice Inviting tender shall also be available on CPP portal i.e. <http://eprocure.gov.in/cppp/>.

1.4.2 It is mandatory to download official copy of the Bid Document from Electronic Tender System(ISN-ETS) Portal to participate in the Bid Document.

1.4.3 In case of any Clarification (s)/ Amendment(s)/Addendum (s)/Corrigendum (s) to this Bid Document, the same shall be issued on the websites www.sjvn.nic.in and ISN-ETS Portal (<https://www.bharat-electronictender.com>). However, in case of any discrepancy, the information available on ISN-ETS website shall prevail.

1.4.4 Bidders are requested to remain updated for any notices/ amendments/ clarifications

Bid Document for selection of SPD for **Setting up of 1352 MW Solar Projects (102 Nos.) Under MSKVY 2.0 (PM Kusum Component C) in the State of Maharashtra (Bid Document No.: SGEL/CHQ/Contracts/KUSUM 1352MW/2024 TSC: SJVN-2024-TN000018**

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etc. to the Bid Document through the above referred websites <https://www.bharat-electronictender.com> and www.sjvn.nic.in. No separate notifications shall be issued for such notices/ amendments/ clarifications etc. in the print media or any other media individually. Intimation regarding notification on the above shall be updated on www.sjvn.nic.in and the details will be available only from <https://www.bharat-electronictender.com>.

1.5 BID SUBMISSION:

- 1.5.1** A Single Stage, Two-Envelope Bidding Procedure will be adopted and will proceed as detailed in the Bid Document. Bidding will be conducted through the competitive bidding procedures as per the provisions of this Bid Document. The respective rights of SGEL and the Bidder/SPD shall be governed by the Bid Document /Agreement signed between SGEL and the SPD for the package.
- 1.5.2** Interested bidders have to necessarily register themselves on the e-tendering portal <https://www.bharat-electronictender.com> (“ETS portal”) through M/s Electronic Tender.com (India) Pvt Ltd to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal for which they are ~~required~~ to contact M/s Electronic Tender.com (India) Pvt. Limited, New Delhi to complete the registration formalities. Contact details of ISN-ETS is mentioned on the Bid Information Sheet. All required documents and formalities for registering on ISN-ETS are mentioned in the subsequent Bid Document .
- 1.5.3** Any bidder, who meets the Qualification Requirements stipulated in Section-IV and wishes to submit bid against this Bid Document, may download the complete Bid Document along with its amendment(s) and clarifications if any, from ISN-ETS Portal (<https://www.bharat-electronictender.com>) and submit their Bid complete in all respect as per terms & conditions of Bid Document on or before the due date of bid submission.
- 1.5.4** For proper uploading of the bids on the ETS portal, it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed in the portal as well as by contacting M/s Electronic Tender.com (India) Pvt. Limited (ETI) directly, as and when required, for which contact details are also mentioned on the Bid Information Sheet. SGEL in no case shall be responsible for any issues related to timely or properly uploading/ submission of the bid in accordance with the relevant provisions of the Bidding Documents.
- 1.5.5** Bidders are required to submit their bids strictly as per terms and conditions of the Bid Document and not to stipulate any deviations/ exceptions.
- 1.5.6** Bidders should submit their bid proposal complete in all respect on or before last date

and time of Bid Submission as mentioned on ISN-ETS Portal (<https://www.bharat-electronictender.com>), SGEL website <http://www.sjvn.nic.in> and as indicated in the Bid Information Sheet.

- 1.5.7** Bidder shall submit its bid/proposal along with non-refundable Bid Document Fees & Bid Processing Fees and Earnest Money Deposit (EMD) complete in all respect as per the Bid Information Sheet. Bid proposals received without the prescribed Document Fees, Bid Processing Fees and EMD will be rejected. In the event of any date indicated being declared a holiday, the next working day shall become operative for the respective purpose mentioned herein.
- 1.5.8** SGEL shall conduct e-Reverse Auction (e-RA), if required or as per provisions of Bid Document.
- 1.5.9** SGEL reserves the right to cancel/ withdraw/ defer this invitation for bids/Bid Document process at any stage without assigning any reason whatsoever and shall bear no liability whatsoever consequent upon such a decision. No bidder/indenting bidder shall have any claim arising out of such action.
- 1.5.10** SGEL has issued this Bid Document in the capacity of “Intermediary Procurer” as defined in the aforementioned Guidelines. SGEL may develop a suitable monitoring mechanism, to analyze the performance of the project and carry out random checks to verify compliance of quality standards and SPDs shall provide all necessary support in this respect.

1.6 FOR ANY ENQUIRY/ CLARIFICATION REGARDING THIS TENDER ENQUIRY, THE BIDDER MAY CONTACT:

Dy General Manager (Contracts),
SJVN Green Energy Limited,
Corporate Headquarter, Shakti Sadan,
Shanan, P.O. Malyana, Shimla –171006 (H.P.)
Ph. No.: +91-177-2660132,
E-mail : contracts.sgel@sjvn.nic.in

1.7 CONTACT DETAILS OF ISN- ETS PORTAL

M/s Electronic Tender.com (India) Pvt. Ltd. Gurugram
Contact Person: ISN-ETS
Support Team, Customer Support: +91-124- 4229071, 4229072

(From 10:00 Hrs to 18:00 Hrs on all working Days i.e. Monday to Friday except Govt. Holidays) Email: support@isn-ets.com

1.8 BID DOCUMENT INVITING AUTHORITY

Dy General Manager (Contracts),
SJVN Green Energy Limited,
Corporate Headquarter, Shakti Sadan,

Shanan, P.O. Malyana, Shimla –171006 (H.P.)
Ph. No.: +91-177-2660132,
E-mail : contracts.sgcl@sjvn.nic.in

**Registered Office: SJVN Green Energy Limited CHQ, Shakti Sadan, Shanan,
Shimla -171006 (H.P.)**

Corporate Identification Number : U40100HP2022GOI009237