



Tender for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning including 5 Years Plant O&M of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh

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 Ltd (ETI), New Delhi directly, as and when required, for which contact details are also mentioned on the Bid Information Sheet. The SECI 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 Section II - ITB of the Bidding Documents.

- 6.0 While submitting/ uploading the bids, the system through portal asks to key in the pass-phrase for encryption of the documents. The pass-phrase is required by SECI for opening the bids (Separate for both First Envelopes as well as Second Envelopes). **The same may be submitted on the portal as per the provisions existing for submission of the pass-phrase and as per the details given in ITB.**

In the event, SECI is unable to open the Bids with the given pass-phrase provided by the bidders, SECI on its discretion may give an option through the portal, to the bidder to open its bid as per provisions available on the portal. However, SECI shall not be responsible if bid could not be opened within reasonable time for whatsoever reason. In such a case, the bid shall be sent unopened to 'Archive' on the portal and shall not be considered at all any further.

- 7.0 A Single Stage Two Envelope Bidding Procedure followed by e-Reverse Auction will be adopted and will be processed as detailed in the Bidding Documents. Bidding will be conducted through the competitive bidding procedures as per the provisions of ITB/ BDS and the contract shall be executed as per the provisions of the Contract. It shall be noted that the respective rights of the SECI and the Bidder/ Contractor shall be governed by this Bidding Documents and Contract signed between the Owner and the Contractor for the package.

- 8.0 Bidders should submit their bid proposal online complete in all aspect on or before last date and time of Bid Submission as mentioned on ETS Portal of ISN-ETS at <https://www.bharat-electronictender.com> and as indicated in the Bid Information Sheet.

- 9.0 Bidder shall submit bid proposal along with non-refundable Tender Processing Fees, Earnest Money Deposit (EMD) if applicable/ Bid Securing Declaration complete in all respect as per the Bid Information Sheet. Techno-Commercial bids will be opened as per the Bid Information Sheet in offline/ online presence of authorised representatives of bidders who wish to be present offline/ online. Bid proposals received without the prescribed Tender Processing Fees and Earnest Money Deposit (EMD, if applicable) or Bid Securing Declaration will be rejected. **In the event of any date indicated is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.**

- 10.0 Tender documents which include Eligibility Criteria, Technical Specifications, various Conditions of Contract, Formats etc. can be downloaded from ETS Portal of ISN-ETS at <https://www.bharat-electronictender.com>. **It is mandatory to download official copy of Tender Document from ISN-ETS Portal to participate in the Tender.** Any amendment(s)/ corrigendum(s)/ clarification(s) with respect to this Tender shall be uploaded on ETI site. The Bidder should regularly check for any Amendment(s)/ Corrigendum(s)/ Clarification(s) on the above mentioned ETI site. The same may

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also be uploaded on SECI website <http://www.seci.co.in> also. **However, in case of any discrepancy, the information available on ETI site shall prevail.**

11.0 The Bidder selected shall be responsible for the performance of the following scope of work (more detailed in this tender document):

- (i) Design, Engineering, Supply, Construction, Erection, Testing, Commissioning of 2MW (AC) Solar PV Power Plant with 01 MW BESS at KAZA, Himachal Pradesh.
- (ii) Comprehensive operation & maintenance of the Solar PV Power Plants for 5 (Five) years as mentioned in detailed scope of work, after successful commissioning and performance demonstration, as detailed in technical specification, including supply and storage of all mandatory spare parts, consumables, repairs/ replacement of any defective equipment, etc.

The above scope of work is indicative and the detailed scope of work is given in the Scope of Work and Technical Specification (Section - VII) of the Tender Documents.

12.0 EMD/Bid Securing Declaration shall be enclosed in a sealed envelope and shall be submitted in the office of SECI (offline) whose mailing address is mentioned in the Bid Information Sheet.

13.0 Performance Securities as per this tender document shall be furnished by the successful bidder after issuance of Notification of Award (NOA)/ Letter of Intent (LOI)/ Letter of Award (LOA) by the Owner.

14.0 The detailed Qualifying Requirements (QR) are given in the section, "Annexure to BDS".

15.0 The SECI shall conduct e-Reverse Auction (e-RA), as per provisions of **Instructions to Bidders (ITB)** of Tender documents.

16.0 **SECI/ Owner reserves the right to cancel/ withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.**

### INTERPRETATIONS

1. Words comprising the singular shall include the plural & vice versa.
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differences between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.

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The table of contents and any headings or sub headings in the contract has been inserted for case of reference only & shall not affect the interpretation of this agreement.

**BID INFORMATION SHEET**

The brief details of the tender are as under:

<b>(A)</b>	<b>NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB</b>	<p>Design &amp; engineering, procurement &amp; supply of equipment and materials, testing at manufacturers works, multi – level inspections, packing and forwarding, supply, receipt, unloading and storage at site, associated civil works, services, permits, licences, installation and incidentals, insurance at all stages, erection, testing and commissioning of 2MW (AC) Solar PV Power Plant with 01 MW BESS and performance demonstration with associated equipment and materials on turnkey basis along with 5 (Five) years comprehensive operation and maintenance from the date of commissioning or Operational Acceptance, whichever is later.</p> <p>1. Design, Procurement &amp; Supply, and erection of the following, in all respect:</p> <p>1.1 Solar panels including module mounting structures and fasteners.</p> <p>1.2 All power conditioning systems including junction boxes, Inverters/ PCU, DC and AC circuit breaker(s).</p> <p>1.3 All associated electrical works and equipment required for interfacing line/ cable (i.e. transformer(s) – power and auxiliary, breakers, isolators, lightning arrestor(s), LT/other panels, protection system, cables, metering etc., but not limited to) as per technical specifications.</p> <p>1.4 Design, supply, erection, testing &amp; commissioning defined in scope of work/ TS as per project requirement and associated switchgear equipment and metering equipment as per technical specification and state regulations.</p> <p>1.5 All associated civil works, including design and Engineering, for: Earthwork for Site grading, cutting, filling, levelling &amp; compacting, internal Roads, Storm water drainage in the requisite project land as required for development of this Solar PV Power Plant</p> <p>1.6 Construction of Passage for Cleaning of Solar PV Project</p> <p>1.7 Construction of rainwater drainage, if required</p>
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		<p>1.8 Setting up of a comprehensive Fire Protection system as per the Hazardous area classification for the site</p> <p>1.9 Supply of mandatory spares &amp; special tools and tackles</p> <p>1.10 Demonstration of performance of the plant as per the requirement specified in the bidding documents.</p> <p>1.11 Comprehensive operation &amp; maintenance of the SPV plant for 5 (Five) years as mentioned in detailed scope of work from the date of commissioning or Operational Acceptance, whichever is later, as detailed in technical specification, including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc.</p> <p>1.12 Obtaining all associated statutory and regulatory compliances and approvals for successful construction, commissioning and operation of plant</p> <p>1.13 The detailed scope of work is given in Section VII: Scope of Work, specifications and Drawings of this bidding documents.</p>
<b>(B)</b>	<b>TENDER NO. &amp; DATE</b>	<b>SECI/C&amp;P/MI/00/0011/2022-23</b> dated 17/02/2023
<b>(C)</b>	<b>SOURCE OF FUNDS</b>	Owner as defined in the Bid Data Sheets (BDS) intends to finance the package through domestic funding and own resources.
<b>(D)</b>	<b>TYPE OF TENDER</b>	"Single Stage Two Envelope "online Bidding system followed by e-Reverse Auction.
<b>(E)</b>	<b>BIDDERS ELIGIBLE FOR BIDDING</b>	This bid is open to bidders from within the Owner's/SECI's country only.
<b>(F)</b>	<b>COMPLETION/ CONTRACT PERIOD</b>	As mentioned in Special Conditions of Contract (SCC).
<b>(G)</b>	<b>COST OF BIDDING DOCUMENTS</b>	Free of cost

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(H)	<b>TENDER PROCESSING FEE</b>	<table border="1" data-bbox="619 309 1173 459"> <tr> <td>APPLICABLE</td> <td>Yes</td> </tr> <tr> <td>NOT APPLICABLE</td> <td></td> </tr> </table> <p><b>Amount: INR 25000/- (Indian Rupees Twenty-Five Thousand only) inclusive of GST @ 18%</b></p>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(I)	<b>EARNEST MONEY DEPOSIT (EMD)</b>	<table border="1" data-bbox="593 672 1145 840"> <tr> <td>APPLICABLE</td> <td>Yes</td> </tr> <tr> <td>NOT APPLICABLE</td> <td></td> </tr> </table> <p><b>Amount: INR 34,00,000 (Indian Rupees Thirty-Four Lakhs only).</b></p>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(J)	<b>CONTRACT PERFORMANCE SECURITY</b>	<table border="1" data-bbox="593 1025 1145 1193"> <tr> <td>APPLICABLE</td> <td>Yes</td> </tr> <tr> <td>NOT APPLICABLE</td> <td></td> </tr> </table>	APPLICABLE	Yes	NOT APPLICABLE	
APPLICABLE	Yes					
NOT APPLICABLE						
(K)	<b>DATE, TIME &amp; VENUE OF PRE-BID MEETING &amp; SITE VISIT</b>	<p><b>Date and Venue will be intimated subsequent to the release of tender document.</b></p> <p><b>Site Visit:</b></p> <p>Prospective Bidders are advised to visit the proposed site to study the actual conditions and go through the plans/ drawings connected to the present scope of work etc including power evacuation system and ground mounted Project capacities and get acquainted with the same before attending Pre-bid meeting.</p>				
(L)	<b>OFFLINE &amp; ONLINE BID-SUBMISSION DEADLINE</b>	<p><b><u>03.04.2023 up to 1400 HRS</u></b></p>				



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(M)	<b>OFFLINE &amp; ONLINE BID OPENING</b>	<b><u>03.04.2023, 1600 HRS onwards</u></b>
(N)	<b>FINANCIAL BID OPENING</b>	To be intimated subsequent to the shortlisting of Techno Commercial Bids
(O)	<b>TECHNICAL QUERIES CONTACT DETAILS</b>	<b>Sh. AK Sinha</b> Additional General Manager (C&P)  Solar Energy Corporation of India Limited (A Government of India Enterprise)  6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India  E mail: <a href="mailto:ajay.k.sinha@seci.co.in">ajay.k.sinha@seci.co.in</a> Phone: 011-24666200/ 24666220
(P)	<b>TECHNICAL QUERIES CONTACT DETAILS</b>	<b>Sh. YBK Reddy</b> Additional General Manager (PS)  Solar Energy Corporation of India Limited (A Government of India Enterprise)  6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi-110023, India  E mail: <a href="mailto:ybkreddy@seci.co.in">ybkreddy@seci.co.in</a> Phone: 011-24666200/ 24666218
(Q)	<b>CONTACT DETAILS OF ETI</b>	M/s Electronic Tender.com (India) Pvt Ltd Registered Office: 6, Jain Mandir Road, New Delhi-110001 Corporate Office: 1001, City Court, M. G. Road, Gurugram - 122002, Haryana Contact Person: ETS Support Team Contact No.: +91-124-4229071, 4229072 Email: <a href="mailto:support@isn-ets.com">support@isn-ets.com</a>

- 1.0 Bids must be submitted strictly in accordance with Clause no. 11 of ITB depending upon Type of Tender as mentioned at Clause no. (D) of Bid Information Sheet. The IFB is an integral and inseparable part of the Tender document.

**2 MW (AC) Solar PV with 1 MW BESS**

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- 2.0 Bidder(s) are advised to bid strictly as per terms and conditions of the tender documents and not to stipulate any deviations/ exceptions.
- 3.0 Any bidder, who meets the Qualifying Requirement and wishes to quote against this tender, may download the complete bidding document along with its amendment(s) if any from ETS Portal of ISN-ETS (<https://www.bharat-electronictender.com>) and submit their Bid complete in all respect as per terms & conditions of Tender Document on or before the due date of bid submission.
- 4.0 No Manual / Hard Copy of the Bid shall be acceptable.
- 5.0 Clarification(s)/ Corrigendum(s) if any shall also be available on above referred websites.
- 6.0 Owner will release NOA/ LOI/ LOA / CA for LSTK (Lump Sum Turn Key)/ EPC (Engineering, Procurement & Commissioning) to the successful bidder. The NOA/ LOI/ LOA/CA for LSTK/ EPC job shall be awarded in following respective parts as mentioned briefly below: -
- (i) **First Contract (Supply & Service Part):** For providing the Ex Works Supply, materials including mandatory spares and any other supplies specified in the Tender Documents under the scope of Supply comprising of all services i.e., including Transportation and Insurance of all Equipment's till site, Unloading, Storage, Handling at Site, Civil Works, Design, engineering, Erection, Installation, Testing and Commissioning including Performance Testing in respect of all the Equipment's supplied under the scope of Supply and any other services specified in the Contract Documents.
- (ii) **Second Contract (O&M Part):** For providing Comprehensive operation & maintenance of the Solar PV plant for 5 (Five) years from the date of Operational Acceptance, as detailed in technical specification including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc.
- 7.0 However, the above-mentioned contract award methodology may be modified/ changed based on specific project requirements and upon sole discretion of Owner.

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