



Request for Proposals for Selection of BESS Supplier for 600 MW/1200 MWh Battery Energy Storage System (BESS) along with 15 years of Comprehensive Service and Maintenance (DC Package)

RfP No. SECI/C&P/OP/15/0001/25-26 dated 04.08.2025

Tender Search Code on ISN-ETS: SECI-2025-TN000015

***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
Tel: 011 - 24666200, e-mail : contracts@seci.co.in***

DISCLAIMER

- I. Though adequate care has been taken while preparing the RfP 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 SECI immediately. If no intimation is received from any bidder within **20 (Twenty) days from the date of issuance of RfP documents**, it shall be considered that the document is complete in all respect and has been received/ acknowledged by the bidder(s).
- II. Solar Energy Corporation of India Ltd (SECI) reserves the right to modify, amend or supplement this document.
- III. This RfP document has been prepared in good faith, and on best endeavour basis. Neither SECI 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.
- IV. The specifications mentioned for all the equipment which include PCS, DC cables, inverter duty and power transformers, Instrument Transformers, LT/ HT cables, interfacing panels, switchgear & other associated equipment etc., to complete the power generation and evacuation to the designated substation, in the present bidding documents are for **reference** only. It is subject to revise/ alter as per the design/ planning/ good engineering practices etc., to be carried out by the selected bidder, to the satisfaction of the Employer or its authorized representatives. It is advised that the bidders must satisfy himself with the prevailing site conditions before design/ plan. The design must be optimized as per the site conditions and directed to achieve the maximum output from the installed capacity at all times. Moreover, the components not separately mentioned, but are required to complete the plant for operation is also included in the scope of bidder and shall be vetted by the Employer or its authorized representatives.
- V. All rights reserved. No part of this document may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of SECI, except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law.
- VI. In case of any discrepancy in the documents uploaded on the websites of SECI, ISN-ETS and CPPP, the documents uploaded on the ISN-ETS website will prevail.

Place: New Delhi

Date: 04.08.2025

BID INFORMATION SHEET

The brief details of the RfP are as under:

| | | | | | | |
|-------------------|--|---|-------------------|--|----------------|--|
| (A) | NAME OF WORK/ BRIEF SCOPE OF WORK/ JOB | Scope of Supply & Work includes Design & Engineering, Manufacturing, Testing at manufacturers works, Inspections, Packing and Forwarding, Supply, Receipt, Unloading and Storage at site, Services, obtaining Permits, Licences, Installation and Incidentals, Insurance at all stages, Erection, Testing and Commissioning and Interconnection works till the PCS output terminals of the BESS for “ 600 MW / 1200 MWh Battery Energy Storage System (BESS) ”, and Performance demonstration with associated equipment and materials on turnkey basis along with 15 (Fifteen) years of Comprehensive Maintenance from the date of Commissioning of the Project. | | | | |
| (B) | RfP NO. & DATE | SECI/C&P/OP/15/0001/25-26 dated 04.08.2025 | | | | |
| (C) | TYPE OF BIDDING SYSTEM | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: center; padding: 5px;">SINGLE BID SYSTEM</td><td style="width: 40%; text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%;"></div></td></tr> <tr> <td style="text-align: center; padding: 5px;">TWO BID SYSTEM</td><td style="text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div></td></tr> </table> | SINGLE BID SYSTEM | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> | TWO BID SYSTEM | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> |
| SINGLE BID SYSTEM | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> | | | | | |
| TWO BID SYSTEM | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> | | | | | |
| (D) | TYPE OF RfP/ TENDER | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: center; padding: 5px;">E-TENDER</td><td style="width: 40%; text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div></td></tr> <tr> <td style="text-align: center; padding: 5px;">MANUAL</td><td style="text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%;"></div></td></tr> </table> | E-TENDER | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> | MANUAL | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> |
| E-TENDER | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> | | | | | |
| MANUAL | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> | | | | | |
| (E) | COMPLETION/ CONTRACT PERIOD | As mentioned in RfP Document | | | | |
| (F) | DOCUMENT FEE/ COST OF RfP DOCUMENT (NON- REFUNDABLE) | Free of Cost | | | | |
| (G) | BID PROCESSING FEE | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: center; padding: 5px;">APPLICABLE</td><td style="width: 40%; text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div></td></tr> <tr> <td style="text-align: center; padding: 5px;">NOT APPLICABLE</td><td style="text-align: center; padding: 5px;"><div style="border: 1px solid black; height: 20px; width: 100%;"></div></td></tr> </table> <p style="margin-top: 5px;">Rs. 25,000 + GST for the response to RfP, to be submitted through NEFT/RTGS transfer in the account of SECI, along</p> | APPLICABLE | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> | NOT APPLICABLE | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> |
| APPLICABLE | <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">Yes</div> | | | | | |
| NOT APPLICABLE | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> | | | | | |

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|----------------|---|--|------------|----------------------------------|----------------|----------------------|--|
| | | with the response to RfP. | | | | | |
| (H) | EARNEST MONEY DEPOSIT (EMD) | <table border="1"> <tr> <td>APPLICABLE</td> <td><input type="text" value="Yes"/></td> </tr> <tr> <td>NOT APPLICABLE</td> <td><input type="text"/></td> </tr> </table> | APPLICABLE | <input type="text" value="Yes"/> | NOT APPLICABLE | <input type="text"/> | <p>Amount: INR 4,21,600/- per MW (Indian Rupees Four Lakhs Twenty-One Thousand and Six Hundred only per MW) to be submitted in the form of Bank Guarantee/PoI/Surety Bond along with the response to RfP</p> |
| APPLICABLE | <input type="text" value="Yes"/> | | | | | | |
| NOT APPLICABLE | <input type="text"/> | | | | | | |
| (I) | CONTRACT PERFORMANCE SECURITY | <table border="1"> <tr> <td>APPLICABLE</td> <td><input type="text" value="Yes"/></td> </tr> <tr> <td>NOT APPLICABLE</td> <td><input type="text"/></td> </tr> </table> | APPLICABLE | <input type="text" value="Yes"/> | NOT APPLICABLE | <input type="text"/> | |
| APPLICABLE | <input type="text" value="Yes"/> | | | | | | |
| NOT APPLICABLE | <input type="text"/> | | | | | | |
| (J) | DATE, TIME & VENUE OF PRE-BID MEETING | Scheduled as per NIT on ISN-ETS portal and/or SECI website. | | | | | |
| (K) | OFFLINE & ONLINE BID-SUBMISSION DEADLINE | As per NIT on ISN-ETS portal | | | | | |
| (L) | TECHNO-COMMERCIAL BID OPENING | As per NIT on ISN-ETS portal | | | | | |
| (M) | e-REVERSE AUCTION (e-RA) | <p>Will be informed to eligible bidders.</p> <p>Date and time of e-RA shall be intimated through email.</p> | | | | | |
| (N) | CONTACT DETAILS OF ISN-ETS PORTAL | <p>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</p> | | | | | |
| (O) | NAME, DESIGNATION, ADDRESS AND OTHER DETAILS (FOR SUBMISSION OF RESPONSE TO RfP) | <p>Sh. Atulya Kumar Naik Executive Director (Contracts & Procurement) Solar Energy Corporation of India Limited 6th Floor, Plate-B, NBCC Office Block Tower-2, East Kidwai Nagar, New Delhi - 110 023 Email: contracts@seci.co.in</p> | | | | | |

| | | |
|-----|--|---|
| (P) | DETAILS OF PERSONS TO BE CONTACTED IN CASE OF ANY ASSISTANCE REQUIRED | 1) Sh. Pratik Prasun Sr. Manager (C&P) Contact No.: 011-24666237 pratikpr@seci.co.in 2) Sh. Abhisekh Srivastav Manager (C&P) Contact No.: 011-24666260 abhisekhsri@seci.co.in 3) Sh. Swapnil Gandhi Sr. Engineer (C&P) Contact No.: 011-24666359 swapnil.gandhi@seci.co.in |
|-----|--|---|

- Bids must be submitted strictly in accordance with Section-2 and 3 of the RfP, depending upon Type of Tender as mentioned at Clause no. (D) of Bid Information Sheet.
- Bidders are required to quote strictly as per terms and conditions of the RfP documents and not to stipulate any deviations/ exceptions.
- Any bidder, who meets the Qualifying Requirement and wishes to quote against this RfP, may download the complete RfP document along with its amendment(s) and clarifications if any, from ISN-ETS Portal (<https://www.bharat-electronictender.com>) and/or SECI website (www.seci.co.in) and submit their Bid complete in all respect as per terms & conditions of RfP Document on or before the due date of bid submission.
- Clarification(s)/ Corrigendum(s), if any, shall also be available on the above referred websites.

Bidders are requested to remain updated for any notices/ amendments/ clarifications etc. to the RfP document through the websites <https://www.bharat-electronictender.com> and www.seci.co.in. No separate notifications will be issued for such notices/ amendments/ clarifications etc. in the print media or individually. Intimation regarding notification on the above shall be updated on www.seci.co.in and the details will be available only from <https://www.bharat-electronictender.com>.

SECTION 1. INTRODUCTION & INVITATION FOR BIDS

1 *Background & Introduction*

- 1.1 Solar Energy Corporation of India Limited (hereinafter called “SECI”) is a “Navratna” Government of India Enterprise under the administrative control of the Ministry of New & Renewable Energy (MNRE). One of the main objectives of the Company is to assist the Ministry and function as the implementing and facilitating arm of the National Solar Mission (NSM) for development, promotion and commercialization of solar energy technologies in the country.
- 1.2 As reliance on RE increases, the grid experiences stress during evening and morning peaks when sufficient RE is not available, necessitating additional power dispatch. Energy Storage Systems (ESS) plays a vital role in successfully integrating RE into the grid and assisting grid operators in managing these fluctuations in demand and RE supply. ESS connected to solar pooling stations also help in maximizing the capacity utilization of RE transmission systems.
- 1.3 The Central Government has sanctioned the Central Sector Scheme for Viability Gap Funding for development of Battery Energy Storage Systems (BESS) in India. Launched in 2023, the Scheme currently targets installation of 30 GWh Standalone BESS capacity in India by 2028. SECI has been allocated a total capacity of 600 MW/1200 MWh under the Tranche-2 of Market Component of the above Scheme. The BESS capacity shall be discharged through power exchange(s) during the hours specified by SECI.
- 1.4 SECI intends to setup the 600MW/1200MWh Battery Energy Storage System (BESS) interconnected with Kurnool-3 Substation of the ISTS Network for implementing a Market based Operation of BESS at Kolimigundla, Nandyal District, Andhra Pradesh under the “*Operational Guidelines for Tranche-2 of Market Component of Scheme for Viability Gap Funding for development of Battery Energy Storage Systems*” vide F. No. 26/02/2023-RCM/NRE dated 23.01.2025 issued by Ministry of New & Renewable Energy (MNRE), along with subsequent amendments and clarifications thereof.
- 1.5 In line with the above, SECI hereby invites proposals to participate in the tender for “Design, Engineering, Manufacturing, Testing, Packaging and Forwarding, Supply and Transportation, Erection, Testing and Commissioning of **600 MW / 1200 MWh Battery Energy Storage System (BESS)** along with 15 (Fifteen) years of Comprehensive Service and Maintenance”.
- 1.6 For the purpose of all procurement activities related to the said works, SECI shall be referred to as ‘SECI’ or ‘Employer’ and the Selected Bidder shall be referred to as “BESS Supplier” or “Supplier”.
- 1.7 SECI will release NoA on LSTK (Lump Sum Turn Key) basis for the DC Package to the Successful Bidder selected based on the terms, conditions and provisions of the RfP document. Subsequent to the issuance of the NoA, the DC Package shall be awarded in following respective parts as mentioned below: -

- (i) **Contract Agreement (CA):** For providing the Ex Works-Supply, materials including mandatory spares and any other supplies specified in the RfP documents under the scope of Supply including all related services i.e., including transportation and insurance of all Supplies, unloading at site, storage, handling at site, erection, installation, testing and commissioning of BESS including performance demonstration in respect of all the equipment supplied under the scope of Supply and any other services specified in the RfP.
- (ii) **Service Level Agreement (SLA):** For providing comprehensive service & maintenance of the DC Package for 15 (Fifteen) years from the date of Commissioning of the Project, as detailed in Technical Specification, including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc.

2 *Invitation for Bids*

- 2.1 A Single Stage, Two-Envelope bidding procedure will be adopted and will proceed as detailed in the RfP Documents. Bidding will be conducted through the competitive bidding procedures as per the provisions of this RfP. The respective rights of SECI and the Bidder/Supplier shall be governed by the RfP Documents/Contract Agreement/SLA signed between SECI and Supplier.
- 2.2 Interested Bidders have to necessarily register themselves on the portal <https://www.bharat-electronictender.com> (“ETS portal”) through M/s Electronic Tender.com (India) Pvt. Limited 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 RfP documents.

They may obtain further information regarding this RfP from the registered office of SECI at the address given on the Bid Information Sheet from 10:00 hours to 17:00 hours on all working days.

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. 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 the bidding documents.

- 2.3 Bidders should submit their bid proposal complete in all aspect on or before last date and time of Bid Submission as mentioned on ISN-ETS Portal (<https://www.bharat-electronictender.com>), SECI website <http://www.seci.co.in> and as indicated in the Bid

Information Sheet.

- 2.4 Bidder shall submit bid proposal along with non-refundable RfP 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.**
- 2.5 RfP documents can be downloaded from the ISN-ETS Portal or from SECI's website. It is mandatory to download official copy of the RfP Document from Electronic Tender System (ISN-ETS) Portal to participate in the RfP. Any amendment(s)/corrigendum(s)/clarification(s) with respect to this RfP shall be uploaded on ISN-ETS website. The Bidder should regularly check for any Amendment(s)/Corrigendum(s)/Clarification(s) on the above mentioned ISN-ETS website. The same may also be uploaded on SECI website also. However, in case of any discrepancy, the information available on ISN-ETS website shall prevail.
- 2.6 SECI reserves the right to cancel/ withdraw/ defer this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.
- 2.7 **INTERPRETATIONS**
- Words comprising the singular shall include the plural & vice versa.
 - An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
 - A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
 - Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.
 - 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.

SECTION 2. SPECIAL CONDITIONS OF CONTRACT

3 *Maximum Eligibility for Contracted Capacity Allocation for a Bidder*

Following conditions shall be applicable to the Bidders for submission of bids against this RfP:

- 3.1 A Bidder, including its Parent, Affiliate or Ultimate Parent or any Group Company shall submit a single bid for supply, installation and commissioning of the complete DC Package **comprising 600 MW / 1200 MWh Battery Energy Storage System (BESS)**.

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 RfP, each of such Bidders will be required to submit the Disclosure as per Format 7.9A. In all other cases, Format 7.9 will be applicable.

- 3.2 The entire contract shall be awarded to a single Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company for the DC Package of 600 MW / 1200 MWh Battery Energy Storage System (BESS).
- 3.3 The evaluation of bids shall be carried out as described in Section-5 of the RfP. The methodology for allocation of Projects is elaborated in Section-5 of the RfP.
- 3.4 Subject to the exception as per Clause 3.1 above, multiple bids from same company including its Parent/ Ultimate Parent/Affiliates/Group Companies shall make all the bids submitted by the group invalid.

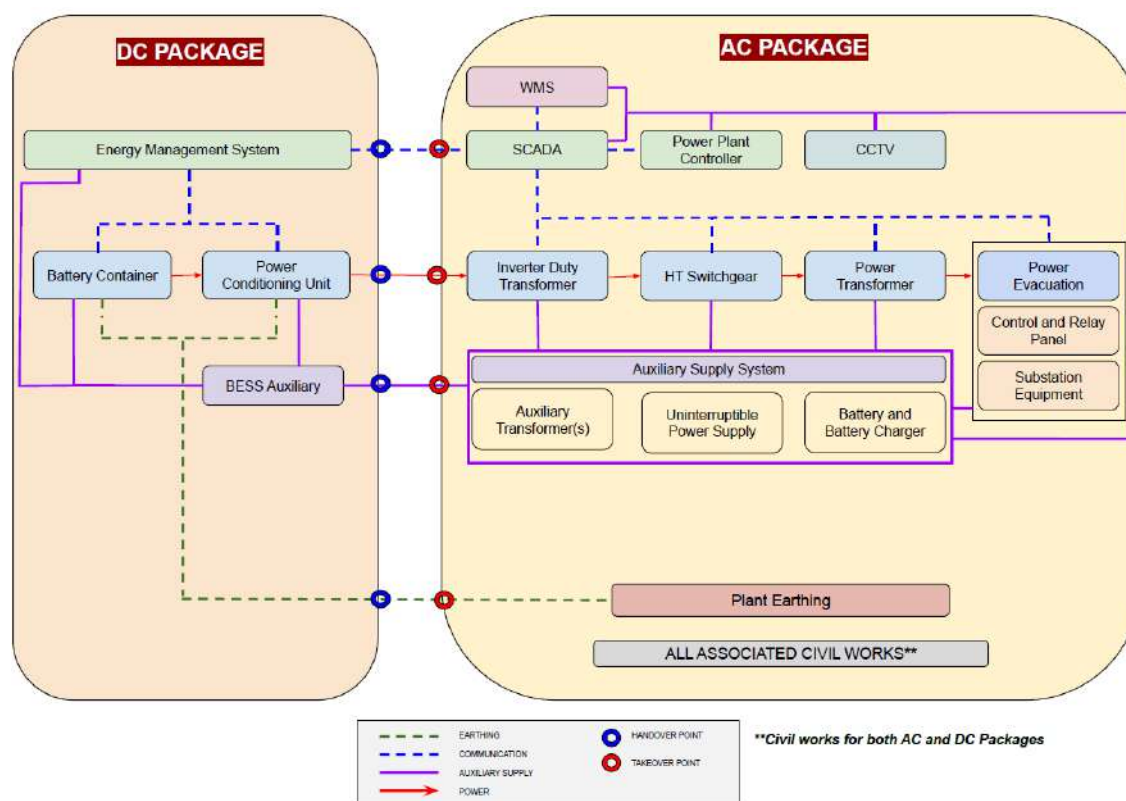
4 *Project Location*

- 4.1 The Supplier shall supply the 600MW/1200MWh Battery Energy Storage System (BESS) at Kolimigundla, Nandyal District, Andhra Pradesh.
- 4.2 The Bidder at its own responsibility, cost and risk shall identify and examine the route and location of delivery, and shall satisfy themselves fully before submitting bids. In general, the Bidders shall themselves obtain all necessary information as to risks, contingencies, and other circumstances susceptible to influence or affect their bids.

5 *Scope of Work*

- 5.1 Scope of Supply & Work includes Design & Engineering, Manufacturing, Testing at manufacturers works, Inspections, Packing and Forwarding, Supply of Equipment and Materials on FOR-Site basis, Receipt, Unloading and Storage at site, obtaining Permits, Licences, Installation and Incidentals, Insurance at all stages, Erection, Testing and Commissioning and Interconnection works till the PCS output terminals of the BESS of 600 MW / 1200 MWh capacity and performance demonstration with associated equipment and materials on turnkey basis along with 15 (Fifteen) years of Comprehensive Service and Maintenance from the date of Commissioning of the Project.
- 5.2 The detailed Scope of Work and Technical Specification is attached as **Annexure-B**. For illustrative purpose, the demarcation of the two packages identified in the Project, i.e. the

DC Package (covered under this RfP), and the AC Package (covered under a separate RfP), is brought out in the figure below. It may be noted that the figure below is indicative, and the Bidder shall refer to the Scope of Work enclosed as Annexure, to obtain information regarding the detailed Scope of Work for the respective Packages. In case of any difference between the scope/details indicated in the figure below and the Scope of Work detailed at Annexure-B, the provisions contained in Annexure-B shall prevail.



6 Packing and Forwarding

- 6.1 The Supplier shall be responsible for securely protecting and packing the Supplies as per prescribed standards in force to withstand the journey and ensuring safety of Supplies and arrival of Supplies at destination in original condition and for contemplated use. Packing case size & weight shall take into consideration the remoteness of the Supplies' destination and absence of heavy material handling facilities at all points in transit.
- 6.2 Packing lists of Supplies shall be provided in each package to facilitate checking up of the contents at the destination.
- 6.3 To import any items (if applicable), from any other state in India, Supplier shall have to arrange any clearance, permission, if required at his own risk, from any Government (Government of State & Government of India) or any Government (Government of State & Government of India) controlled organization for transportation of materials from manufacturing shop to delivery at Site. Supplier shall take necessary insurances to ensure safe transit & consequential risks. All packing material is the property of the Supplier and shall have to be removed immediately from the Site.

7 *Transportation*

- 7.1 The Supplier shall manufacture, test and transport all the Supplies as per the Scope of Supply in an expeditious and orderly manner to the Site to achieve completion of activities.
- 7.2 The Supplier, shall at its own risk and expense, transport all the Supplies and the Supplier's Equipment to the Site by the mode of transport that the Supplier judges most suitable under all circumstances. Supplier shall be responsible to assess in advance suitability of access roads, bridges, culverts, etc. for transportation of Over Dimensional Cargo (ODC) shipments, if any and arrange to transport them accordingly.
- 7.3 In case, the Supplier decides to transport the goods by road within Employer's country, then such Goods must necessarily be transported through a Registered Common Carrier as per Carriage by Road Rules, 2011 of Government of India.
- 7.4 **Road Permit:** Supplier shall comply with the provisions of e-way bill notified by appropriate authorities from time to time. The Supplier shall be responsible for issuance of e-way bill and other compliances relating to e-way bill as per GST Law.
- 7.5 The execution of the Supply may entail supplying in the monsoon also. The Supplier must maintain a minimum work force as may be required for the job and plan and execute the Supply according to the prescribed schedule. No extra rate will be considered for such Supply in the monsoon season. During monsoon and other periods, it shall be the responsibility of the Supplier to bear all the extra cost incurred for completing the supply as per the Schedule.

8 *Site Inspection and Storage of Supplies*

- 8.1 All Supplies shall be inspected as per the provisions of Technical Specifications (Annexure B). No Supplies shall be accepted without site inspection unless specific waiver/exemption is communicated by SECI to the Supplier.
- 8.2 The Supplier shall submit the necessary test certificates, inspection reports, guarantee certificates, etc. in respect to the Supplies' Performance along with the Despatch documents.
- 8.3 The storage of the Supplies at site is in the scope of the Supplier. The Supplier shall make all necessary arrangements required to store the Supplies at the site.
- 8.4 The Supplier shall ensure the proper storage, handling, and protection of all materials brought to the Site at its own risk and cost, to prevent damages due to rain, wind, direct exposure to sun, etc. as also from theft, pilferage, etc. for proper and speedy execution of works. The Supplier shall maintain sufficient stocks of all materials required for work including commissioning spares at its own risk and cost.

9 *Execution of Work*

- 9.1 All the Works shall be executed in strict conformity with the provisions of the RfP, Contract Agreement and SLA and with such explanatory detailed drawings, specification and instructions as may be furnished from time to time by the Supplier whether mentioned in the Contract or not. The Supplier shall be responsible for ensuring that works throughout are executed in the most substantial, proper and workman-like manner with the quality of material and workmanship in strict accordance with the Technical Specifications. The Supplier shall provide all necessary materials, equipment, labour etc. for execution and maintenance of Work till completion unless otherwise mentioned in the Contract.
- 9.2 All materials shall be brand new & of the best quality and workmanship capable of satisfactory operation under the operating and climatic conditions as has been specified. Unless otherwise specified, they shall conform in all respect to the latest edition of the relevant IS codes specification wherever Indian specifications apply or IEC codes or equivalent internationally accepted standard.
- 9.3 The Supplier shall supply & deliver all equipment and materials for installation at site. The Supplier shall arrange for transportation, loading & unloading, local shifting, insurance and safe storage of materials at Project site at his own risk and cost.
- 9.4 If the Supplier offers equipment manufactured in accordance with other internationally well recognized standards (mentioned above), it shall, in that case, supply a copy in English of the Standard Specification adopted and shall clearly mention in what respect such standard specification differs from Indian Standard Specifications. The plant, equipment, and materials as applicable, offered by the Supplier should comply with one consistent set of Standards only to make the system compatible and work in harmony as far as possible, except if mentioned otherwise.

10 *Pre-Commissioning & Commissioning*

- 10.1 Upon completion of the installation of the DC Package, excluding such minor items that do not materially affect the safe operation or performance of the Project, the Supplier shall notify the Engineer-in-Charge (EIC)/Project Manager in writing that the Facilities are ready for Pre-Commissioning inspection.
- 10.2 Upon receipt of the Supplier's notice, and if the Project Manager/EIC is satisfied that the DC Package is ready, the Project Manager/EIC shall arrange to witness the Pre-Commissioning activities within seven (7) days.
- 10.3 If any defects or deficiencies are identified during Pre-Commissioning, the Project Manager/EIC shall notify the Supplier in writing. The Supplier shall promptly rectify the same and reinitiate the Pre-Commissioning notification procedure as per Clause 10.1.
- 10.4 If the Project Manager/EIC continues to find deficiencies upon re-inspection, a further written notice shall be issued within seven (7) days of receipt of the Supplier's repeat notice. The process outlined above shall be repeated until all such defects are

satisfactorily addressed.

- 10.5 Upon completion of all Pre-Commissioning activities and rectification of identified defects, and when the Facilities are, in the opinion of the Supplier, ready for Commissioning, the Supplier shall notify the Project Manager/EIC in writing.
- 10.6 Commissioning of the Facilities shall then be carried out by the Supplier in strict accordance with the procedures specified in the Annexure B, in the presence of the Employer or its authorized representatives.
- 10.7 If the Project Manager/EIC fails to notify the Supplier of any outstanding deficiencies within fourteen (14) days after the Supplier's initial notice under Clause 10.1, or within seven (7) days after the Supplier's repeated notice under Clause 10.3, then the DC Package shall be deemed accepted for Commissioning as of the date of such notice.
- 10.8 Following successful Commissioning, the Supplier shall complete all remaining minor punch-list items as soon as possible. If the Supplier fails to do so in a reasonable time, the SECI shall have the right to execute such works at the risk and cost of the Supplier, and deduct the expenses from any amount due to the Supplier.
- 10.9 Upon successful completion of Commissioning, the Supplier shall prepare the Facilities for the Performance Test and notify the Project Manager/EIC at least seven (7) days in advance of the scheduled test date. The Performance Test shall be conducted as per the methodology defined in the Annexure B.
- 10.10 Following the successful Performance Test, as outlined under Clause 10.9, the Supplier shall assume full responsibility for the care, custody, risk of loss, or damage to the DC package. The Supplier shall continue to Service and Maintain the DC Package as per the comprehensive Service & Maintenance terms mutually agreed and stipulated in the Contract.

11 Time Schedule

- 11.1 The deadline for completion of Supply of the entire 600 MW/ 1200 MWh BESS capacity, i.e. the Time of Supply, shall be the date as on 11 (Eleven) Months from the Effective Date of the Contract Agreement (CA). For example, if the Effective Date of the Agreement is 10.10.2025, the above deadline shall be 10.09.2026. Under the above-mentioned timeline of 11 months, BESS including Mandatory Spares under the award shall be supplied by the Supplier in staggered deliveries during the delivery window of 8 months i.e. D+3 months to D+11 months, as brought out at Clause 11.3 below.
- 11.2 Subsequent to the Supply, the Supplier shall complete the erection, testing and commissioning of the DC Package along with the Employer or its authorized AC package Contractor to commission the Project within 14 months from the Effective Date of the Contract Agreement (CA). For example, if the Effective Date of the Agreement is 10.10.2025, the above deadline shall be 10.12.2026. The detailed procedure and scope of Testing and Commissioning is mentioned in the Annexure-B.
- 11.3 The Supplier shall strictly adhere to the Time Schedule given in the table below:

| S. No. | Stage | Reference from 'D' date |
|--------|---|---------------------------------------|
| 1 | Effective date of Contract Agreement (CA) | Zero Date 'D' |
| 2 | Submission of Drawing and Test Certificates | Within 'D+1.5 months' |
| 3 | Manufacturing Clearance | Within 'D+3 months' |
| 4 | Supplies at Project Site | Within 'D+3 months' to 'D+11 months' |
| 5 | Testing and Commissioning of DC Package* | Within 'D+11 months' to 'D+14 months' |
| 6 | Service and Maintenance | Operational Acceptance + 15 years |

**Note: The period of Testing and Commissioning given in Time Schedule above includes the time required for team mobilization as well as testing, rectifications if any, retesting and completion of works in all respects to the entire satisfaction of the Engineer-in-Charge.*

- 11.4 A Supply Schedule of execution of the Supply will be prepared by the Supplier based on priority requirement of the Project & submitted to the Engineer in charge. A detailed Bar chart in MS Projects consisting of adequate number of activities covering various key phases of the Supply such as Design, Procurement, Manufacturing and Shipment shall be part of the Supply Schedule. This Schedule shall also indicate the intermediate milestones and interface facilities to be provided by the Employer, if any and the dates by which such facilities are needed. This Schedule will take into account the time of completion mentioned above and the time allowed for the priority works by the Engineer-in- Charge
- 11.5 Monthly/ Weekly Supply Schedule will be drawn up by the Supplier jointly with Engineer-in- Charge, based on availability of Supply fronts and the Supply Schedule as mentioned in clause 11.3 above. The Supplier shall scrupulously adhere to these targets/ Schedule by deploying adequate personnel, tools and tackles and also supply all materials of its scope of supply in good time to achieve the targets/ programs. In all matters concerning the extent of targets set out in the weekly and monthly Schedule and the degree of achievements, the decision of the Engineer-in-Charge will be final and binding on the Supplier at its own risk and cost.
- 11.6 The Supplier shall monitor progress of all the activities specified in the Supply Schedule mentioned above and submit the progress report to the Engineer-in-Charge (EIC).
- 11.7 If at any time the Supplier's actual progress falls behind the scheduled Supply Schedule, or it becomes apparent that it will so fall behind, the Supplier shall, at the request of the Employer, prepare and submit to the EIC, a revised Schedule, taking into account the prevailing circumstances, and shall notify the EIC, of the steps being taken to expedite progress so as to attain Completion of the Supply within the time for Completion.
- 11.8 The time for Supply, as specified in clause 11.1 above, is firm & binding on the Supplier till the final Supply. The time for Supply may be extended if the Supplier is delayed or impeded in the Performance of any of its obligations under the Contract due to delay in