

**SOLAR ENERGY CORPORATION OF INDIA LIMITED  
NEW DELHI**

Ref No. SECI/C&P/OP/15/0001/25-26/Amendment-01

Date: 15.09.2025

**Amendment-01 to RfP 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)**

**RfS No. SECI/C&P/OP/15/0001/25-26 dated 04/08/2025**

| <b>S. No.</b> | <b>Clause No.</b> | <b>Existing Clause</b>   | <b>Amended Clause</b>   |
|---------------|-------------------|--|---|
| 1             | General           | Any reference of “15 (fifteen) years of Comprehensive Service and Maintenance” shall be read as “10 (ten) years of Service and Maintenance” and “Comprehensive Service and Maintenance” shall be read as “Service and Maintenance”   |   |
| 2             | 1.4               | ...vide F. No. 26/02/2023-RCM/NRE dated 23.01.2025 issued by Ministry of New & Renewable Energy (MNRE)...  | ...vide F. No. 26/02/2023-RCM/NRE dated 23.01.2025 issued by Ministry of Power (MoP)...   |
| 3             | 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).   | 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 DC Package for a minimum capacity of 300 MW/ 600 MWh and maximum capacity of 600 MW/ 1200 MWh Battery Energy Storage System (BESS). |
| 4             | 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).  | The maximum capacity to be allocated to a Bidder including its Parent, Affiliate, Ultimate Parent or any Group Company shall be limited to DC Package of 600 MW / 1200 MWh Battery Energy Storage System (BESS).  |
| 5             | 4.1               | The Supplier shall supply the 600MW/1200MWh Battery Energy Storage System (BESS) at Kolimigundla, Nandyal District, Andhra Pradesh.  | The Supplier (s) shall supply the 600MW/1200MWh Battery Energy Storage System (BESS) at Kolimigundla, Nandyal District, Andhra Pradesh.   |
| 6             | 5.1               | ....BESS of 600 MW / 1200 MWh capacity and performance demonstration with associated....   | ...BESS of Awarded Capacity and performance demonstration with associated...  |
| 7             | 7.6               | <b>New Clause:</b><br><b>Custom Clearance:</b> The Supplier shall, at its own expense, handle all imported materials and Supplier’s equipment at the point(s) of import and shall handle any formalities for customs clearance, subject to the Employer’s obligations under clause 15 of the RfP, provided that if applicable laws or regulations require any application or act to be made by |   |

|        |                              | or in the name of the Employer, the Employer shall take all necessary steps to comply with such laws or regulations. In the event of delays in customs clearance that are not the fault of the Supplier, the Supplier shall be entitled to an extension in the Time for Supply, pursuant to clause 16 of RfP.  |  |  |        |                    |                 |   |                             |           |   |                              |           |
|--------|------------------------------|--|--|--|--------|--------------------|-----------------|---|-----------------------------|-----------|---|------------------------------|-----------|
| 8      | 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+11months, as brought out at Clause 11.3 below. | <div>The deadline for completion of Supply of the Awarded Capacity of BESS, i.e. the Time of Supply, shall be the date as mentioned below:</div> <table><tr><th>S. No.</th><th>Capacity (MW/MWh)</th><th>Time of Supply*</th></tr><tr><td>1</td><td>50% of the Awarded Capacity</td><td>11 months</td></tr><tr><td>2</td><td>100% of the Awarded Capacity</td><td>13 months</td></tr></table> <div><i>*The timelines mentioned shall start from the Effective Date of the Contract Agreement (CA).</i></div> <div>For example, if the Effective Date of the Contract Agreement is 10.10.2025, the deadline for supply of 50% of Awarded Capacity shall be 10.09.2026 and for 100% of Awarded Capacity shall be 10.11.2026. Under the above-mentioned timelines, BESS including mandatory spares under the award shall be supplied by the Supplier in staggered deliveries during the delivery window, as brought out at clause 11.3 below.</div> |  | S. No. | Capacity (MW/MWh)  | Time of Supply* | 1 | 50% of the Awarded Capacity | 11 months | 2 | 100% of the Awarded Capacity | 13 months |
| S. No. | Capacity (MW/MWh)            | Time of Supply*  |  |  |        |                    |                 |   |                             |           |   |                              |           |
| 1      | 50% of the Awarded Capacity  | 11 months  |  |  |        |                    |                 |   |                             |           |   |                              |           |
| 2      | 100% of the Awarded Capacity | 13 months  |  |  |        |                    |                 |   |                             |           |   |                              |           |
| 9      | 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.  | <div>Subsequent to the Supply, the Supplier shall complete the erection, testing and commissioning of the Awarded Capacity of DC Package along with the Employer or its authorized AC package Contractor to commission the Project within the timeline as mentioned below:</div> <table><tr><th>S. No.</th><th>Capacity (MW/ MWh)</th><th>SCD*</th></tr><tr><td>1</td><td>50% of the Awarded Capacity</td><td>14 months</td></tr><tr><td>2</td><td>100% of the Awarded Capacity</td><td>16 months</td></tr></table>  |  | S. No. | Capacity (MW/ MWh) | SCD*            | 1 | 50% of the Awarded Capacity | 14 months | 2 | 100% of the Awarded Capacity | 16 months |
| S. No. | Capacity (MW/ MWh)           | SCD*   |  |  |        |                    |                 |   |                             |           |   |                              |           |
| 1      | 50% of the Awarded Capacity  | 14 months  |  |  |        |                    |                 |   |                             |           |   |                              |           |
| 2      | 100% of the Awarded Capacity | 16 months  |  |  |        |                    |                 |   |                             |           |   |                              |           |

|        |  |   | <p><i>*The timelines mentioned shall start from the Effective Date of the Contract Agreement (CA).</i></p> <p>For example, if the Effective Date of the Contract Agreement is 10.10.2025, the above deadline for 50% of Awarded Capacity shall be 10.12.2026 and for 100% of Awarded Capacity shall be 10.02.2027.</p> <p>The detailed procedure and scope of Testing and Commissioning is mentioned in the Annexure-B.</p> |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
|--------|--|---|---|--------|-------|-------------------------|---|---|---------------|---|---|---------------------|---|-------------------------|---------------------|---|--|--------------------------------------|---|---|--------------------------------------|---|---|---------------------------------------|---|--|---------------------------------------|---|-------------------------|-------------------------------|
| 10     | 11.3   | <p>The table in clause 11.3 is modified as follows:</p> <table><tr><th>S. No.</th><th>Stage</th><th>Reference from ‘D’ date</th></tr><tr><td>1</td><td>Effective date of Contract Agreement (CA)</td><td>Zero Date ‘D’</td></tr><tr><td>2</td><td>Submission of Drawing and Test Certificates</td><td>Within ‘D+2 months’</td></tr><tr><td>3</td><td>Manufacturing Clearance</td><td>Within ‘D+4 months’</td></tr><tr><td>4</td><td>Supplies at Project Site (50% of Awarded Capacity)</td><td>Within ‘D+4 months’ to ‘D+11 months’</td></tr><tr><td>5</td><td>Supplies at Project Site (100% of Awarded Capacity)</td><td>Within ‘D+4 months’ to ‘D+13 months’</td></tr><tr><td>6</td><td>Testing and Commissioning of 50% of the Awarded Capacity*</td><td>Within ‘D+11 months’ to ‘D+14 months’</td></tr><tr><td>7</td><td>Testing and Commissioning of 100% of the Awarded Capacity*</td><td>Within ‘D+13 months’ to ‘D+16 months’</td></tr><tr><td>8</td><td>Service and Maintenance</td><td>Commissioning date + 10 years</td></tr></table> |   | 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+2 months’ | 3 | Manufacturing Clearance | Within ‘D+4 months’ | 4 | Supplies at Project Site (50% of Awarded Capacity) | Within ‘D+4 months’ to ‘D+11 months’ | 5 | Supplies at Project Site (100% of Awarded Capacity) | Within ‘D+4 months’ to ‘D+13 months’ | 6 | Testing and Commissioning of 50% of the Awarded Capacity* | Within ‘D+11 months’ to ‘D+14 months’ | 7 | Testing and Commissioning of 100% of the Awarded Capacity* | Within ‘D+13 months’ to ‘D+16 months’ | 8 | Service and Maintenance | Commissioning date + 10 years |
| 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+2 months’   |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 3      | Manufacturing Clearance                                    | Within ‘D+4 months’   |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 4      | Supplies at Project Site (50% of Awarded Capacity)         | Within ‘D+4 months’ to ‘D+11 months’  |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 5      | Supplies at Project Site (100% of Awarded Capacity)        | Within ‘D+4 months’ to ‘D+13 months’  |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 6      | Testing and Commissioning of 50% of the Awarded Capacity*  | Within ‘D+11 months’ to ‘D+14 months’   |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 7      | Testing and Commissioning of 100% of the Awarded Capacity* | Within ‘D+13 months’ to ‘D+16 months’   |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 8      | Service and Maintenance                                    | Commissioning date + 10 years   |   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |
| 11     | 12.1   | <p>.....If the level of the specified Functional Guarantee parameters, as demonstrated even during repeat of the Guarantee Test(s), are outside the acceptable shortfall limit, the Employer/SECI may at its option, either,</p> <ul style="list-style-type: none"><li>• Reject the Equipment and advise immediate replacement to suit the provisions of Technical Specification without any additional cost or;</li><li>• Reject the Equipment and recover the payments already made, or;</li><li>• Terminate the Contract and recover the payments already made, or;</li></ul>  | <p>.....If the level of the specified Functional Guarantee parameters, as demonstrated even during repeat of the Guarantee Test(s), are outside the acceptable shortfall limit, then the Liquidated Damages shall be levied as mentioned in the Annexure B of the RfP document.</p>   |        |       |                         |   |   |               |   |   |                     |   |                         |                     |   |  |                                      |   |   |                                      |   |   |                                       |   |  |                                       |   |                         |                               |

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|    |           | <ul style="list-style-type: none"> <li>• Accept the equipment after levy of liquidated damages in accordance with the provisions specified.</li> </ul>   |   |
| 12 | 12.3 (i)  | <p><b><u>Operational Acceptance:</u></b></p> <p>Operational Acceptance shall occur in respect of the Facilities when:</p> <p>a) The Plant Performance Guarantee in accordance with the procedure specified in “Technical Specifications” has been successfully completed and the Functional Guarantees are met.</p> <p>b) Completion of the Facilities have been achieved as per Technical Specifications.</p>   | <p><b><u>Operational Acceptance:</u></b></p> <p>Operational Acceptance shall occur in respect of the Facilities when:</p> <p>a) Completion of supply as per Scope of Works given in Annexure B of this tender.</p> <p>b) The Plant Performance Guarantee in accordance with the procedure specified in “Technical Specifications” has been successfully completed and the Functional Guarantees are met.</p> <p>c) Completion of the Plant Facilities by the AC Contractor</p> <p><i><b>Note:</b> The DC Contractor shall be entitled to raise a request for conducting tests for according Operational Acceptance once the construction of Plant Facilities have been completed.</i></p> |
| 13 | 12.3 (ii) | <p>The milestone payment linked with successful Operation acceptance shall be released subjected to following:</p> <p>a) All “As-Built” Drawings and documents are submitted.</p> <p>b) Detailed Engineering Document with detailed specification, schematic drawing, circuit drawing, cable routing plans and test results, manuals for all deliverable items, Operation, Maintenance &amp; Safety Instruction Manual and other information about the project are submitted.</p> <p>c) Bill of material of the installed Facility is submitted.</p> <p>d) Inventory of recommended and mandatory spares including special tools and tackles at project Site are provided.</p> | <p>The milestone payment linked with successful Operation acceptance shall be released subjected to following:</p> <p>a) Inventory of recommended and mandatory spares including special tools and tackles at project Site are provided.</p> <p>b) List of punch points, duly signed, is provided.</p> <p>c) Settlement of liquidity damages against delay and performance (Liquidity Damages).</p> <p>d) Warranty certificates for each equipment are handed over to SECI’ and ‘Statutory approvals/ permits/ NOC are handed over to SECI’.</p>  |

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|    |        | <p>e) All the required approvals and NOCs as required, are submitted.</p> <p>f) List of deviation from the approved drawings with reason for deviation is submitted.</p> <p>g) List of punch points, duly signed, is provided.</p> <p>h) Settlement of liquidity damages against delay and performance (Liquidity Damages).</p> <p>i) Certificates of final levels as set out for various works.</p> <p>j) Certificates of tests performed for various Works.</p> <p>k) Material appropriation, Statement for the materials issued by the SECI, if applicable for the Work and list of surplus materials returned to the SECI's store duly supported by necessary documents.</p> <p>l) Warranty certificates for each equipment are handed over to SECI' and 'Statutory approvals/ permits/ NOC are handed over to SECI'.</p> <p>m) Supply of all mandatory and recommend spares.</p> |  |
| 14 | 13.11  | Latent defect liability   | Deleted  |
| 15 | 14.1   | ...The SLA shall be valid for a period of 15 years from the date of Effective Date of the SLA. Any extension of the SLA period beyond 15 years shall be through mutual agreement between the Supplier and SECI.   | <p>...The SLA shall be valid for a period upto 10 years from the date of Effective Date of the SLA. Any extension of the SLA period beyond 10 years shall be through mutual agreement between the Supplier and SECI.</p> <p>Further, the SLA shall be signed at the time of commissioning of the Awarded Capacity.</p> |
| 16 | 15.2 B | ...In case of any default, Non-Performance or breach of contractual conditions of the SLA during the Service and Maintenance period, the penalties/deductions, if applicable will be liable to be deducted from the Quarterly payments first & then from the Contract Performance Guarantee.  | ...In case of any default, non-performance or breach of contractual conditions of the SLA during the Service and Maintenance period, the penalties/deductions, if applicable will be liable to be deducted from the Quarterly payments first & then from the Performance Guarantee available with SECI.                |

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| 17 | 15.7  | <p><b>New Clause:</b></p> <p><b><u>Duties:</u></b> Except as otherwise specifically mentioned in the RfP document, the Supplier shall bear and pay all taxes, duties, levies and charges assessed on the Supplier, its sub-suppliers or its employees by all municipal, state or national government authorities in connection with the Facilities in and outside the country where the site is located</p> <p>Notwithstanding the clause mentioned above, the Employer shall bear and promptly pay</p> <ul style="list-style-type: none"> <li>i. All customs and import duties for the DC Package specified in the in the SoRs; and</li> <li>ii. Other domestic taxes such as GST on the plant specified in the SoRs and that is to be incorporated into the facilities, and on the finished goods, imposed by the law of the country where the site is located.</li> </ul> <p>If any tax/duty exemptions, reductions, allowances or privileges become available for the Project, the Employer shall use its best endeavors to enable the Supplier to benefit from any such savings to the maximum allowable extent.</p> |  |
| 18 | 15.8  | <p><b>New Clause:</b></p> <p><b><u>Deemed Export Benefits:</u></b></p> <p>Bidders may like to ascertain availability of deemed export or other benefits. They shall solely be responsible for obtaining such benefits, and in case of failure to receive such benefits for any reasons whatsoever; the Employer will not compensate the Bidder. The Bidder shall furnish along with their bid, a declaration to this effect.</p> <p>In case of multi-lateral funding of the Project results in providing “Deemed Export” benefits to the Project, SECI will convey the same to the Supplier at the earliest possible. In such cases, the Basic Custom Duty (BCD) will be exempted on the imported supply of the goods against “Project Authority Certificate (PAC)”. Further, the necessary documents / certificates as may be required to claim the BCD exemption shall be provided by the Employer to the Supplier.</p>   |  |
| 19 | 21.1  | ...It may be noted that the Successful Bidder shall submit the CPG according to the Format 7.3D with a validity period up to (& including) the date as on 27 months from the date of issuance of NoA....  | ...It may be noted that the Successful Bidder shall submit the CPG according to the Format 7.3D with a validity period up to (& including) the date as on 31 months from the date of issuance of NoA.... |
| 20 | 21.13 | <p><b>Addendum to clause 21.13</b></p> <p>Prior to release of the CPG, the Supplier shall submit a CPG for Service and Maintenance period for an amount equivalent to 10% of the total contract value of Service and Maintenance for 10 years with a validity period up to (&amp; including) the date as on 6 months from the expiry date of Service and Maintenance Period. The CPG for Service and</p>  |  |

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|    |       | <p>Maintenance period shall be released subsequent to completion of Service and Maintenance Contract period subject to the approval and acceptance of the deliverables by the Employer.</p> <p>The successful bidder can submit CPG for Service and Maintenance Contract Period with initial validity of 36 months and the same may be extended for every 36 months till completion of the total validity period up to (&amp; including) the date as on 6 months from the expiry date of Service and Maintenance Period.</p>   |         |
| 21 | 39.14 | The Supplier shall also arrange suitable insurance to cover following during the Service and Maintenance Period: .....   | deleted |
| 22 | 47.1  | <p><b>Addendum to clause 47.1</b></p> <p>It may be noted that the total amount quoted (NPV value) for the 10 years of Service and Maintenance (in SOR 2) should not be less than 7% of the total value (excluding Duties but including GST) quoted for Supply and Service (SoR 1).</p>   |         |
| 23 | 48    | <p><b>Clause modified as follows:</b></p> <p>The Bidder shall submit the response to RfP which shall remain valid up to the date as on 12 months from the last date of submission of response to RfP (“Bid Validity”). SECI reserves the right to reject any response to RfP which does not meet the aforementioned validity requirement. It is clarified that subsequent to issuance of NoA, the discovered Prices shall be deemed to be valid until the signing of Contract Agreement, pursuant to Clause 63.5 of the RfP.</p>   |         |
| 24 | 55.1  | <p><b>Clause modified as follows:</b></p> <p>For each unit, Bidders can participate through <u>any one</u> of the below mentioned qualifying routes. The Bidder shall be considered meeting Technical Eligibility criteria, either from Route I or Route II.</p> <p><b>a. Route I:</b></p> <p>The bidder should have manufactured and supplied or should have an order book for supply of Batteries designed for grid integration, for a minimum cumulative capacity of 60 MWh for grid interactive Battery Energy Storage System(s), prior to the bid submission deadline.</p> <p style="text-align: center;"><b>OR</b></p> <p><b>b. Route II:</b></p> <p>The bidder should have an experience as Integrator/Supplier/Aggregator/ EPC Contractor/Developer of grid interactive Battery Energy Storage System(s) of minimum cumulative capacity of 60 MWh, prior to the bid submission deadline.</p> |         |

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|    |    | <p><b><u>Note:</u></b></p> <ol style="list-style-type: none"> <li>1. Under 'Route I', the entity should be an OEM/ manufacturer of Batteries, having an operational manufacturing line/facility with an annual throughput capacity commensurate to the minimum cumulative capacity demonstrated under Route I.</li> <li>2. Integrator/ Supplier/ Aggregator under 'Route II' means, the agency/ entity which has supplied, installed/ supervised installation, commissioned/supervised commissioning of grid interactive Battery energy Storage system (BESS).</li> <li>3. "Developer" under the above Routes refers to the Companies who own the Projects being demonstrated under the respective Routes, and the EPC work for such Project may have been implemented in-house or through sub-contracting to an EPC Contractor</li> <li>4. Grid interactive Battery Energy Storage System (BESS) shall consists of Battery System (BS), Power Conditioning System (PCS) &amp; Energy Management System (EMS).</li> <li>5. The bidders in Route I or II are required to submit the copies of Purchase Order/Supply order/Work order/Contract Agreement with the Client(s) (Work Order/Contract Agreement not required in case the bidder is owner of the project).</li> <li>6. In case the response to RfS is submitted by a JV/Consortium, then the Lead member of the JV/Consortium shall meet individually not less than 50% of minimum Technical Eligibility Conditions. However, all the JV/Consortium members must meet collectively 100% Technical Eligibility Conditions.<br/>The Bidder, including any Member of a JV/Consortium, may seek qualification on the basis of technical capability of its Parent, Holding, Subsidiary or Affiliate(s) for the purpose of meeting the qualification requirements.</li> </ol> |
| 25 | 56 | <p><b>Clause modified as follows:</b></p> <p>The financial qualification requirements to be specified in the tenders is as follows.</p> <ol style="list-style-type: none"> <li>a. <b>Minimum Average Annual Turnover (MAAT):</b> The MAAT of the bidder in the last three financial years (i.e. FY 2024-25, 2023-24 &amp; 2022-23) should be <b>INR 42 lakhs per MWh</b>. MAAT shall mean Revenue from Operations as incorporated in the profit &amp; loss statement excluding other income, e.g. sale of fixed assets. A summarized sheet of average turnover, certified by a practicing Chartered Accountant/Statutory Auditor should be compulsorily enclosed along with corresponding annual accounts.<br/><b>AND</b></li> <li>b. <b>Net worth:</b> The net worth for the last financial year should be positive. "Net Worth" of the Bidder shall be calculated as per the Companies Act, 2013.<br/><b>AND</b></li> <li>c. <b>Working Capital:</b> The bidder should have a minimum Working Capital (WC) of <b>INR 19.76 Lakhs per MWh</b> as per the last audited annual financial year statement. If the</li> </ol>   |



bidder's working capital is inadequate, the bidder should supplement this with a letter from an Indian branch of a Scheduled Commercial Bank as listed on the website of Reserve Bank of India, as applicable on the date of issuance of letter, confirming availability of the line of credit for more than or equal **INR 19.76 Lakhs per MWh** to meet the working Capital requirement.

**Note:**

1. *In case the response to RfS is submitted by a JV/Consortium, then the lead member of the JV/Consortium shall meet individually not less than 50% of minimum Financial Eligibility Conditions. However, all the JV/Consortium members must meet collectively 100% Financial Eligibility Conditions. Herein, apart from the Lead member, a minimum of 25% financial eligibility should be met individually by all other members of the JV/Consortium.*

*In case of JV/Consortium, all members should have positive Net worth.*

2. *The Bidder, including any Member of a JV/Consortium, may seek qualification on the basis of financial capability of its Parent, Holding, Subsidiary or Affiliate(s) for the purpose of meeting the qualification requirements. However, financial qualification will be determined on aggregate basis by adding the financial capability of the bidder with its Parent/Affiliate(s)/Holding/Subsidiary, whose financials have been submitted by the bidder.*

3. *In case of foreign companies, the Bidders shall be required to submit the annual audited accounts for the last respective financial years as per the general norm in the country where the Bidder or its Affiliate(s) is/ are located.*

4. *The bidder or its affiliates (at least any one of them) must submit annual financial audited statements for previous 3 financial years.*

5. *In case of MAAT, the following illustration may be considered for calculation purpose:*

*Illustration: If a Bidder A uses the credential of an affiliate B, X and Y are the values of Annual Turnover for A and B respectively then the MAAT will be calculated as follows:*

| Scenario | Description  | MAAT calculation   |
|----------|--|--|
| 1        | In case both Bidder A and Affiliate B have annual financial audited statements for previous 3 financial years.   | MAAT of A= $(X_1 + X_2 + X_3)/3$<br>MAAT of B= $(Y_1 + Y_2 + Y_3)/3$<br><br>MAAT of the bidder=<br>(MAAT of A + MAAT of B) |
| 2        | In case Bidder A has annual financial audited statements for previous 2 financial years and Affiliate B has annual financial audited statements for previous 3 financial years | MAAT of A= $(X_1 + X_2)/3$<br>MAAT of B= $(Y_1 + Y_2 + Y_3)/3$<br><br>MAAT of the bidder=<br>(MAAT of A + MAAT of B)       |

| 26     | 60.1             | In this step, evaluations of Techno-Commercially Qualified Bids shall be done based on the “Total Evaluated Bid Value”, quoted by the Bidder in the Electronic Form/SOR of Financial Bid...   | In this step, evaluations of Techno-Commercially Qualified Bids shall be done based on the “Evaluated Bid Value”, quoted by the Bidder in the Electronic Form/SOR of Financial Bid...  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
|--------|------------------|---|--|--------|------------------|---------|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|----|----------------|----|
| 27     | 60.3             | The Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit a single bid (single application) quoting a single “Evaluated Bid Value” in Indian Rupee...  | The Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit a single bid (single application) quoting a single “Total Evaluated Bid Value” in Indian Rupee for the Quoted Capacity... |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| 28     | 60.9             | <p><b>Clause modified as follows:</b></p> <p>The Evaluated Bid Value shall be calculated as per the below mentioned procedure:<br/><b>Evaluated Bid Value (EBV in INR/MWh)</b><br/><b>= <u>SOR 3 in INR (i.e. Total Price of SOR1+SOR2)</u></b><br/><b>Quoted Capacity</b></p> <p>Where,<br/>SOR 1: DC Package of Battery Energy Storage System (BESS) of the Quoted Capacity (including GST)<br/>SOR 2: Yearly Service and Maintenance Charges for the Quoted Capacity (including GST)<br/>SOR 3: Grand Summary of the Quoted Capacity (SOR 1 &amp; 2)<br/>The terms EXW etc., shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, 38, Cours Albert 1er, 75008, Paris, France.</p> <p>The Evaluated Bid Value will be considered up to 2 decimal places only. (For e.g. if the EBV is INR 2,000.337, then it shall be considered as INR 2,000.33)</p> |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| 29     | 60.10            | Total Evaluated Bid Value (TEBV) for all the Bidders shall be compared to determine the lowest Evaluated Bid Value (EBV) as given under SOR 3...  | Evaluated Bid Value for all the Techno-commercially qualified Bidders shall be compared to determine the lowest Evaluated Bid Value (EBV) as given under SOR 3...  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| 30     | 60.13            | <p>Table modified as follows:</p> <table><tr><th>Bidder</th><th>EBV (in INR/MWh)</th><th>Ranking</th></tr><tr><td>B1</td><td>₹ 10,00,00,000</td><td>L1</td></tr><tr><td>B2</td><td>₹ 10,10,00,000</td><td>L2</td></tr><tr><td>B3</td><td>₹ 10,20,00,000</td><td>L3</td></tr><tr><td>B4</td><td>₹ 10,20,00,000</td><td>L3</td></tr><tr><td>B5</td><td>₹ 11,20,00,000</td><td>L4</td></tr><tr><td>B6</td><td>₹ 12,00,00,000</td><td>L5</td></tr></table>  |  | Bidder | EBV (in INR/MWh) | Ranking | B1 | ₹ 10,00,00,000 | L1 | B2 | ₹ 10,10,00,000 | L2 | B3 | ₹ 10,20,00,000 | L3 | B4 | ₹ 10,20,00,000 | L3 | B5 | ₹ 11,20,00,000 | L4 | B6 | ₹ 12,00,00,000 | L5 |
| Bidder | EBV (in INR/MWh) | Ranking   |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B1     | ₹ 10,00,00,000   | L1  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B2     | ₹ 10,10,00,000   | L2  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B3     | ₹ 10,20,00,000   | L3  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B4     | ₹ 10,20,00,000   | L3  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B5     | ₹ 11,20,00,000   | L4  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |
| B6     | ₹ 12,00,00,000   | L5  |  |        |                  |         |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |    |                |    |

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|----|--------------|--|----------------|--|
|    |              | B7   | ₹ 13,40,00,000 | L6   |
|    |              | B8   | ₹ 13,50,00,000 | L7   |
|    |              | B9   | ₹ 13,50,70,000 | L8   |
| 31 | 61.4.ii      | The minimum decrement value for EBV shall be INR 25,00,000/-. The Bidder can mention its revised discounted EBV which has to be at least INR 25,00,000 less than its current EBV.  |                | The minimum decrement value for EBV shall be INR 25,000/-. The Bidder can mention its revised discounted EBV which has to be at least INR 25,000 less than its current EBV.  |
| 32 | 61.4. iv. i  | It's EBV as the initial start EBV and thereafter last quoted EBV.  |                | It's EBV as the initial start EBV and thereafter last quoted EBV along with the Quoted Capacity for which the Bidder is Qualified.   |
| 33 | 61.4. iv. ii | The list of all the Bidders with their following details: Pseudo Identity and last quoted EBV.   |                | The list of all the Bidders with their following details: Pseudo Identity, last quoted EBV and Quoted Capacity.  |
| 34 | 61.4.v.      | <p><b>Clause modified as follows:</b></p> <p>The initial auction period will be of 30 (thirty) minutes with a provision of auto extension by 8 (eight) minutes from the scheduled/extended closing time. Such auto extension shall be effected if by way of reduction in EBV, a bidder causes a change in its zonal placement at that instant. The 'zones' are as defined below:</p> <p>i. <u>Green Zone</u>: This zone consists of the Bidders who may be allocated their full Quoted Capacity, subject to provisions of Clause 62, if the auction is closed at that instant.</p> <p>ii. <u>Orange Zone</u>: This zone consists of the Bidders who may be allocated a part of their full Quoted Capacity, subject to provisions of Clause 62, if the auction is closed at that instant.</p> <p>iii. <u>Red Zone</u>: This zone consists of the Bidders who may not be awarded their Quoted Capacity if the auction is closed at that instant.</p> <p>If no such change as described above is effected during the last 8 minutes of auction period or extended auction period, then the reverse auction process will automatically get closed.</p> |                |  |
| 35 | 61.4.vi      | <p><b>New Clause:</b></p> <p>During reverse auction, the Bidder shall not have the option of changing the total Quoted Capacity offered while quoting EBV.</p>   |                |  |
|    | 62.1         | Subsequent to conclusion of the e-RA process, the lowest quoting Bidder after reverse auction for the Project will be selected as Successful Bidder.   |                | Subsequent to conclusion of the e-RA process, the bidders in the will be arranged in increasing order of the EBV discovered at the end of e-RA and the lowest quoting Bidder after e-RA for the Quoted Capacity will be selected as Successful Bidder (L1 bidder) for the Quoted Capacity. |

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| 36 | 62.4 | <p><b>New Clause</b></p> <ul style="list-style-type: none"> <li>i. In case the capacity quoted by the L1 bidder is 300 MW/ 600 MWh then the remaining bidders will be asked to match the EBV as discovered above (“L1 Matching”).</li> <li>ii. During the L1 Matching round, the L2 bidder as per clause 62.1 shall be offered the remaining capacity of 300 MW/ 600 MWh subject to its consent to match the L1 EBV price. The L2 Bidder shall be provided a period of 3 days from the date of communication sent by SECI, to accept or reject such offer. In case the L2 bidder accepts the remaining capacity of 300 MW/600 MWh at the L1 EBV price, then the L2 bidder shall be selected as Successful Bidder for the remaining 300 MW/600 MWh capacity.</li> <li>iii. In case the L2 bidder rejects the offer, the next bidder, i.e. the L3 bidder will be offered to match the L1 EBV price for the remaining capacity of 300 MW/ 600 MWh and so on, until the entire capacity of 600 MW/ 1200 MWh BESS is awarded or the offer for L1 matching has been extended to all the remaining bidders, as per clause 62.1, whichever is earlier.</li> <li>iv. Each bidder who has been offered to match the L1 EBV, shall be provided a period of 3 days to reply to SECI. Such replies shall be made through email, to the email id specified in SECI’s communication. Further, conditional matching of the L1 EBV shall not be accepted, and in such case, the Bidder will be deemed to have refused the offer to match the L1 EBV. In case where no reply is received from a particular Bidder after the expiry of above 3 days, the offered capacity shall be deemed to have been rejected by such Bidder, and it will be offered to the next Bidder, if applicable.</li> <li>v. It is clarified that this clause 62.4 will be operated only when there is a capacity of 300 MW/ 600 MWh left unallocated subsequent to conclusion of e-RA.</li> <li>vi. It is further clarified that in case L1 bidder has quoted for 300 MW/600 MWh and L2 bidder has quoted for 600 MW/1200 MWh and it chooses to match L1 price, the L2 bidder shall be awarded only 300 MW/600 MWh instead of its quoted capacity of 600 MW/1200 MWh.</li> </ul> |
| 37 | 62.5 | <p><b>New Clause</b></p> <p>At the end of the e-RA and L1 Matching, the final discount offered by the L1 bidder and/or other successful bidder on EBV, in the form of price reduction so offered on the EBV or L1 Matching, shall be applied proportionately to each Line item of SOR 1, SOR 2 and SOR 3 quoted by the bidder (s) initially in the financial bid.</p>   |

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|    |       | <p>While applying the price reduction obtained after e-RA, all the SOR line items of all the sheets of SOR can be straight away reduced by applying the % reduction factor uniformly on all the line items of all the sheets of Schedule of Rates (SOR).</p> <p>Accordingly, the revised reduced price of all of the line items of all the sheets of the SOR will be derived.</p>   |   |
| 38 | 63.9  | <p><b>New Clause</b></p> <p><b><u>Billing Break-up (BBU):</u></b></p> <ul style="list-style-type: none"> <li>For each item of SOR 1 &amp; 2, the BBU shall be prepared in the same SOR format (Item name, UoM, Quantity, unit Ex-Works price, GST, Total price, etc.) and the sum of all billing break-up item prices shall be equivalent to the each respective SORs item price with discounted rate of e-Reverse auction (If applicable). No BBU items can be created at the BBU stage for the SOR line items which have been quoted by the Supplier as Zero during the bidding stage.</li> <li>The Supplier would be required to provide detailed Bill of Quantity (BOQ) at the BBQ stage and HSN code of the respective goods/services. This will be used by the Employer at the time of payment to the Supplier. Accordingly, bidders should diligently quote the GST component in the bid.</li> <li>Employer shall reimburse the amount of GST as per the rates mentioned by Supplier in the detailed BOQ. In case of any statutory variation in GST during the currency of the Contract, same will be reimbursed to the Supplier subject to the treatment provided under clause no. 15 of the RfP document, only in respect of the items/quantity which have been mentioned by the Supplier in the detailed BOQ.</li> <li>In case of imported Equipment/items purchased from third party (Bought-Out Items) are supplied to SECI in execution of the Project, the price of such Goods shall be inclusive of all cost as well as any duties paid/payable in relation to import/purchase of such goods (viz., customs duties, GST &amp; levies etc.) considering and taking into account the ITC as may be available under the applicable laws including GST.</li> </ul> |   |
| 39 | 64.1  | <p><b>Clause modified as follows</b></p> <p>“AC PACKAGE” means the “Request for Proposals for Selection of Contractor for Balance of System along with 5 years of Comprehensive O&amp;M of 600 MW/1200 MWh BESS Project at Nandiyal, Andhra Pradesh (AC Package)” with RfP No. SECI/C&amp;P/OP/15/0002/25-26 dated 20.08.2025 issued by SECI.</p>   |   |
| 40 | 64.23 | <p><b>“DC PACKAGE”</b> means Supply and Work includes Design &amp; Engineering, Manufacturing, Testing at manufacturers works, Inspections, Packing and Forwarding, Supply, Receipt, Unloading and Storage at site, Services, obtaining Permits, Licenses, Installation and</p>   | <p><b>“DC PACKAGE”</b> means Supply and Work includes Design &amp; Engineering, Manufacturing, Testing at manufacturers works, Inspections, Packing and Forwarding, Supply, Receipt, Unloading and Storage at site, Services, obtaining Permits, Licenses, Installation and Incidentals, Insurance at all</p> |

|       |                          |  |  |       |                     |                     |   |                         |  |   |                          |  |
|-------|--------------------------|--|--|-------|---------------------|---------------------|---|-------------------------|--|---|--------------------------|--|
|       |                          | Incidentals, Insurance at all stages, Erection, Testing and Commissioning and Interconnection works till the PCS output terminals of 600 MW/1200 MWh Battery Energy Storage System (BESS) along with 15 years of Comprehensive Service and Maintenance.  | stages, Erection, Testing and Commissioning and Interconnection works till the PCS output terminals Battery Energy Storage System (BESS) of Awarded Capacity along with 10 years of Service and Maintenance. |       |                     |                     |   |                         |  |   |                          |  |
| 41    | 64.24                    | “EFFECTIVE DATE” shall mean the date of issuance of Purchase & Service Order from which the Time for Supply shall be determined or any other specific date as provided in the Notice to Proceed (NTP).   | “EFFECTIVE DATE” shall mean the date of signing of Contract Agreement from which the Time for Supply shall be determined or any other specific date as provided in the Notice to Proceed (NTP).              |       |                     |                     |   |                         |  |   |                          |  |
| 42    | 64.66                    | <b>New Clause:</b><br><br>‘AWARDED CAPACITY’ shall mean the DC package capacity contracted for supply at the project site with SECI based on which the Contract Agreement is executed with SECI.   |  |       |                     |                     |   |                         |  |   |                          |  |
| 43    | 64.67                    | <b>New Clause:</b><br><br>‘QUOTED CAPACITY’ shall mean the DC package capacity quoted by the bidder.   |  |       |                     |                     |   |                         |  |   |                          |  |
| 44    | Format 7.1               | <b>Addendum to clause 2:</b><br><br>We are submitting the proposal for the supply of the following DC Package capacity (choose atleast one): <table><tr><td>S.No.</td><td>DC Package Capacity</td><td>Quoted for (Yes/No)</td></tr><tr><td>1</td><td>300 MW/ 600 MWh of BESS</td><td></td></tr><tr><td>2</td><td>600 MW/ 1200 MWh of BESS</td><td></td></tr></table> |  | S.No. | DC Package Capacity | Quoted for (Yes/No) | 1 | 300 MW/ 600 MWh of BESS |  | 2 | 600 MW/ 1200 MWh of BESS |  |
| S.No. | DC Package Capacity      | Quoted for (Yes/No)  |  |       |                     |                     |   |                         |  |   |                          |  |
| 1     | 300 MW/ 600 MWh of BESS  |  |  |       |                     |                     |   |                         |  |   |                          |  |
| 2     | 600 MW/ 1200 MWh of BESS |  |  |       |                     |                     |   |                         |  |   |                          |  |
| 45    | Format 7.3D              | .....selecting the Supplier and issuing Notification of Award No. _____ to _____ (Insert Name of selected Supplier) as per terms of RfP....  | .....selecting the Supplier and issuing Notification of Award No. _____ to _____ (Insert Name of selected Supplier) for supply of .....(Insert the awarded capacity) as per terms of RfP....                 |       |                     |                     |   |                         |  |   |                          |  |
| 46    | Format 7.3E, clause 3.   | .....and selecting the Supplier and issuing Notification of Award No ----- to (Insert Name of selected Supplier) as per terms of RfP...  | .....and selecting the Supplier and issuing Notification of Award No ----- to (Insert Name of selected Supplier) for supply of .....(Insert the awarded capacity) as per terms of RfP...                     |       |                     |                     |   |                         |  |   |                          |  |

| 47  | Format 7.13      | ...I/We, _____ (Insert Name of the Bidder) enclose herewith the Financial Proposal for selection of my/ our firm for a cumulative capacity of 600MW/1200MWh BESS standalone project in India as Bidder for the above.<br>I/We agree that this offer shall remain valid for a period of 6 months from .... | ...I/We, _____ (Insert Name of the Bidder) enclose herewith the Financial Proposal for selection of my/our firm for supply of DC package of capacity _____ (Inser quoted capacity) for 600MW/1200MWh BESS standalone project as Bidder for the above.<br>I/We agree that this offer shall remain valid for a period of 12 months from....  |            |   |                |   |   |            |   |                 |
|---|------------------|---|--|------------|---|----------------|---|---|------------|---|-----------------|
| 48  | Annexure B A.2   | <table><tr><th colspan="2">Power Evacuation (Not in the Scope of the Bidder)</th></tr><tr><td>Plant End Substation Power Transformer Capacity</td><td>640 MVA</td></tr></table>   | Power Evacuation (Not in the Scope of the Bidder)  |            | Plant End Substation Power Transformer Capacity | 640 MVA        | <table><tr><th colspan="2">Power Evacuation (Not in the Scope of the Bidder)</th></tr><tr><td>Plant End Substation Power Transformer Capacity</td><td>660 MVA Minimum</td></tr></table> | Power Evacuation (Not in the Scope of the Bidder) |            | Plant End Substation Power Transformer Capacity | 660 MVA Minimum |
| Power Evacuation (Not in the Scope of the Bidder) |                  |   |  |            |   |                |   |   |            |   |                 |
| Plant End Substation Power Transformer Capacity   | 640 MVA          |   |  |            |   |                |   |   |            |   |                 |
| Power Evacuation (Not in the Scope of the Bidder) |                  |   |  |            |   |                |   |   |            |   |                 |
| Plant End Substation Power Transformer Capacity   | 660 MVA Minimum  |   |  |            |   |                |   |   |            |   |                 |
| 49  | Annexure B A.2   | <b>Addendum to clause ‘Dispatchable Energy’:</b><br><br>In case a Supplier is awarded 300 MW/ 600 MWh of DC Package capacity, then the dispatchable energy at Point B (at Inverters AC terminal) shall be half of the yearly dispatchable energy mentioned in the table.                                  |  |            |   |                |   |   |            |   |                 |
| 50  | Annexure B A.2   | <b>Performance Guarantees:<br/>For Operational Acceptance</b><br>1. Demonstration of System Round Trip Efficiency at the Point B i.e. PCS’s AC terminal: 86%<br>2. Demonstration of Dispatchable energy at the Point B i.e. PCS’s AC terminal: Dispatchable energy plus downstream losses considered      | <b>Performance Guarantees:<br/>For Operational Acceptance</b><br>1. Demonstration of System Round Trip Efficiency at the Point B i.e. PCS’s AC terminal: 86%<br>2. Demonstration of Dispatchable energy at the Point B i.e. PCS’s AC terminal: Dispatchable energy plus downstream losses considered<br><b><u>The above efficiencies shall be inclusive of Auxiliary Consumption</u></b> |            |   |                |   |   |            |   |                 |
| 51  | Annexure B A.4.1 | 13 Cable Trenches, Trays, and Supports<br><table><tr><td>DC Package</td><td>AC Package</td></tr><tr><td>✓ (up to PCS)</td><td>✓ (beyond PCS)</td></tr></table>  | DC Package   | AC Package | ✓ (up to PCS)                                   | ✓ (beyond PCS) | 13 Cable Trenches, Trays, and Supports<br><table><tr><td>DC Package</td><td>AC Package</td></tr><tr><td></td><td>✓</td></tr></table>  | DC Package  | AC Package |   | ✓               |
| DC Package  | AC Package       |   |  |            |   |                |   |   |            |   |                 |
| ✓ (up to PCS)                                     | ✓ (beyond PCS)   |   |  |            |   |                |   |   |            |   |                 |
| DC Package  | AC Package       |   |  |            |   |                |   |   |            |   |                 |
|   | ✓                |   |  |            |   |                |   |   |            |   |                 |

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| 52 | Annexure B<br>B.11.1 | Rated No of Cycles (Minimum): 8000 cycles at rated energy capacity at minimum 80% Depth of Discharge (DoD) at 25°C and 0.5 C Rate of Discharge   | Rated No of Cycles (Minimum): 8000 cycles at rated energy capacity at minimum 80% Depth of Discharge (DoD) at 25°C and 0.5 C Rate of Discharge   |
| 53 | Annexure B<br>B.11.1 | System ac-dc-ac efficiency*: >85%  | System ac-dc-ac efficiency: 86% at PCS's AC terminals, inclusive of auxiliary consumption  |
| 54 | Annexure B<br>B.11.1 | Charge-discharge cycles: Up to two cycles per day.   | Charge-discharge cycles: Up to two cycles per day, with a maximum no. of 550 cycles per year   |
| 55 | Annexure B<br>B.11.1 | Grid Charging: No  | Grid Charging: Yes   |
| 56 | Annexure B<br>B.14.4 | Provision of monitoring and event data via the communication shall capture at least the following data points: <ul style="list-style-type: none"> <li>• Frequency at the AC bus</li> <li>• AC real power</li> <li>• Power factor</li> <li>• Real energy delivered</li> <li>• Real energy received</li> <li>• Auxiliary power</li> <li>• Auxiliary energy</li> <li>• DC power</li> <li>• DC voltage</li> <li>• DC current</li> <li>• Phase A voltage</li> <li>• Phase A angle</li> <li>• Phase B voltage</li> <li>• Phase B angle</li> <li>• Phase C voltage</li> <li>• Phase C angle</li> <li>• Battery state of charge</li> <li>• Battery string currents</li> <li>• Battery temperature</li> </ul> | Provision of monitoring and event data via the communication shall capture at least the following data points: <ul style="list-style-type: none"> <li>• Frequency at the AC bus</li> <li>• AC real power</li> <li>• Power factor</li> <li>• Real energy delivered</li> <li>• Real energy received</li> <li>• Auxiliary power</li> <li>• Auxiliary energy</li> <li>• DC power</li> <li>• DC voltage</li> <li>• DC current</li> <li>• Phase A voltage</li> <li>• Phase A angle</li> <li>• Phase B voltage</li> <li>• Phase B angle</li> <li>• Phase C voltage</li> <li>• Phase C angle</li> <li>• Battery state of charge</li> <li>• Battery string currents</li> <li>• Battery temperature</li> <li>• Cell Voltages</li> <li>• Cell Temperatures</li> </ul> |
| 57 | Annexure B           | The modified Annexure C (Mandatory Spares) is attached as Annexure 1 to Amendments No. 1   |  |



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| 58 | Annex<br>ure B<br><br>F.3.1.2   | <p>The following equipment shall be used during the commissioning process (Refer Section VII B: Technical Specifications for testing instruments):</p> <ul style="list-style-type: none"> <li>o Earth resistance tester</li> <li>o Insulation tester</li> <li>o Digital multi-meter</li> <li>o Clamp meter</li> <li>o Infrared camera</li> <li>o Digital lux meter</li> <li>o Electroluminescence camera, power supply and accessories</li> </ul> <p>All testing equipment shall possess valid calibration certificate issued from approved laboratories.</p>  | <p>The following equipment shall be used during the commissioning process (Refer Annexure B: Technical Specifications):</p> <ul style="list-style-type: none"> <li>o Earth resistance tester</li> <li>o Insulation tester</li> <li>o Digital multi-meter</li> <li>o Clamp meter</li> <li>o Infrared camera</li> <li>o Digital lux meter</li> </ul> <p>All testing equipment shall possess valid calibration certificate issued from approved laboratories.</p> |
| 59 | Annex<br>ure B<br>F.3.3.2       | Pre-Energizing Tests   | VOID   |
| 60 | Annex<br>ure B<br>F.3.3.3<br>.3 | HT Switchgear  | VOID   |
| 61 | Annex<br>ure B<br>F.3.3.3<br>.4 | LV/MV transformers   | VOID   |
| 62 | Annex<br>ure B<br>F.3.3.3<br>.5 | Substation/Power Transformers  | VOID   |
| 63 | Annex<br>ure B<br><br>F.3.4.1   | <p><b>Clause modified as follows</b></p> <p><b>BESS Inverter Availability Test</b></p> <p><u>Calculation of the Operation Time</u></p> <p>It shall be calculated on inverter level. The operation time starts as soon as the BESS inverter is available for dispatch and capable of charging or discharging based on grid conditions and system commands. Therefore, only the periods when the BESS is operationally available and the grid connection permits power exchange shall be considered. Time periods when the system is intentionally idle due to State of Charge (SOC) limits, scheduled maintenance, or grid disconnect commands shall be distinguished from actual downtime.</p> |  |

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|----|-----------------------------|---|
|    |                             | <p><u>Calculation of the Downtime</u></p> <p>The downtime relevant for the availability calculation is any time in which the BESS inverter is not operational when grid conditions would otherwise permit operation. The outage periods shall be considered on inverter level. Only complete outages shall be taken into consideration. System outages due to the following reasons shall not flow into the calculation (i.e., excluded events):</p> <p>(i) A failure in the distribution grid or the transformer substation, making it impossible to transmit the generated power</p> <p>(ii) Causes of Force Majeure</p> <p>(iii) Battery Management System (BMS) protective actions due to temperature, voltage, or current limits that are outside normal operating parameters</p> <p>(iv) Occurrences of anomalies in the power supply system (frequency differences or voltage surges) that trigger the protective systems of the BESS or the limit settings of the inverter</p> <p>(v) Planned maintenance windows and scheduled testing periods as defined in the operation and maintenance agreement</p> <p>(vi) SOC-based limitations when the battery reaches maximum or minimum state of charge limits as specified by the manufacturer</p> <p>(vii) Any forced disconnection due to grid operator commands or market dispatch instructions</p> <p>(viii) Thermal management system protective shutdowns within manufacturer specifications</p> <p>Any forced disconnection shall be documented and recorded.</p> |
| 64 | Annex<br>ure B<br><br>F.3.5 | <p><b>Clause modified as follows</b></p> <p><b>SCADA Reliability and EMS Integration</b></p> <ul style="list-style-type: none"> <li>• Installation of the communication system architecture diagram according to the specifications</li> <li>• Functional Tests conducted during FAT for Pre-Dispatch Inspection shall be repeated.</li> <li>• SCADA shall be linked to all protection relays, disturbance recorders and other substation equipment using the communications protocol</li> <li>• <b>Demonstration that SCADA and EMS can transmit and receive tags, setpoints, and control commands to and from each other, and the PCS, BMS, and protection systems without loss or excessive delay. End-to-end Availability shall be &gt;99% during testing period.</b></li> <li>• <b>Verification of time synchronization across devices.</b></li> <li>• Visual check on the assembly of all joints and on the as-installed condition of all components, including:</li> </ul>   |

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|----|-------------------------------|--|---|
|    |                               | <ul style="list-style-type: none"> <li>o Ambient temperature sensors are installed properly (Reference IEC 61724)</li> <li>o Mechanical anchorage of the sensors is robust</li> <li>o Complete calibration certificates of all the instruments shall be provided</li> </ul>  |   |
| 65 | Annex<br>ure B<br><br>F.3.7.1 | ...This test shall be conducted <b>3 times for 100% Rated Power, 1 time each for 75%, 50%, 25% of rated power.</b> Data shall be collected from the Plant SCADA and the following data shall be tabulated in Table 1 for each case....   | ...This test shall be conducted <b>3 times for 100% Rated Power.</b> Data shall be collected from the Plant SCADA and the following data shall be tabulated in Table 1 for each case....        |
| 66 | Annex<br>ure B<br><br>F.3.7.1 | <p><b>Clause modified as follows</b></p> <p><b><u>Acceptance Criteria:</u></b><br/>The dispatchable energy at the Point of Interconnection shall be at least equal to the dispatchable capacity for the first year as specified by the Employer at the AC Terminals of Power Conditioning System (PCS).</p> <p><b><i>Capacity Benchmark Adjustment:</i></b> <i>In the event that the Factory Acceptance Test (FAT) date exceeds three (3) months from the actual date of supply for a certain lot for which shipping and storage losses were accounted during system sizing, the DC Contractor shall be entitled to a proportionate reduction in the capacity benchmark for this acceptance test. Such adjustment shall reflect the additional capacity degradation corresponding to the extended duration beyond the baseline three-month period considered in the original design specifications.</i></p> <p><i>The revised capacity benchmark shall be calculated based on the actual time elapsed and the applicable degradation rates as per the battery manufacturer's specifications.</i></p> |   |
| 67 | Annex<br>ure B<br><br>F.3.7.2 | <p><b><u>Acceptance criteria:</u></b><br/>Round-trip efficiency of the BESS shall be more than or equal to, including auxiliary Consumption at 100% rated power:<br/>(i) 86% at the PCS AC Terminals<br/>(ii) 82% at the 220 kV Interconnection Point</p>  | <p><b><u>Acceptance criteria:</u></b><br/>Round-trip efficiency of the BESS shall be more than or equal to 86% at the PCS AC Terminals including auxiliary consumption at 100% rated power.</p> |
| 68 | Annex<br>ure B                | <p><b>New Annexure</b></p> <p>Specific Annexure B (Service Level Agreement) is attached as Annexure 2 to Amendments-01</p>   |   |