

Amendment No-6 dated 08/09/2025 to the Bidding Documents of BESS Package BESS-01 for Setting up of Battery Energy Storage System of 5MW/ 20MWh capacity co-located with 85 MW Solar PV Power Plant at Nagda, Ujjain, Madhya Pradesh. Spec. No. CC/NT/W-MISC/DOM/A00/25/06104.

Sl. No.	Clause No.	Existing Clause in the Bidding Documents	Amended as
1.	Cl. No 2.13.7.1, Page 19 of 29, Volume -II, Part 1 of 6 Liquidated Damages Calculation	<p>The Liquidated Damage (LD) calculation shall be for Project individually corresponding to Operation Performance.</p> <p>2.13.7.1 LD Calculation w.r.t. Guaranteed System Availability Liquidated damages on account of shortfall in meeting the Guaranteed System Availability mentioned in Clause 2.13.2 shall be calculated with following formula.</p> <p>Liquidated damages for Shortfall in meeting Annual System Availability (Rs) $SA = (A - B) \times Ck \times 146000000$</p> <p>Where, k is kth year of system availability calculation. A is Guaranteed Annual Availability, i.e., 95% B is Actual Annual System Availability, in % C is Minimum Dispatchable Capacity at the end of Year in % (as a % of Capacity at the Beginning of Life/COD) If, SA negative then there is no penalty.</p>	<p>The Liquidated Damage (LD) calculation shall be for Project individually corresponding to Operation Performance.</p> <p>2.13.7.1 LD Calculation w.r.t. Guaranteed System Availability Liquidated damages on account of shortfall in meeting the Guaranteed System Availability mentioned in Clause 2.13.2 shall be calculated with following formula.</p> <p>Liquidated damages for Shortfall in meeting Annual System Availability (Rs) $SA = (A - B) \times Ck \times 5500$</p> <p>Where, k is kth year of system availability calculation. A is Guaranteed Annual Availability, i.e., 95% B is Actual Annual System Availability, in % C is Minimum Dispatchable Capacity at the end of Year in KWH If, SA negative then there is no penalty. Ex. B=92%,K=2, C=19500 KWh SA= (0.95-0.92)x19500x5500=Rs. 32,17,500</p>

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2	Cl. No 2.13.7.2, Page 19 of 29, Volume -II, Part 1 of 6 Liquidated Damages Calculation	<p>2.13.7.2 Liquidated Damages Calculation w.r.t. Guaranteed System Efficiency</p> <p>Liquidated damages on account of shortfall in meeting the monthly Guaranteed System Efficiency mentioned in 2.13.4. The BESS shall guarantee DC to AC System efficiency (RtE) of system on monthly basis. The BESS shall be liable for Liquidated Damages on account of excess conversion losses, based on the following conditions:</p> <p>For RtE < 86%, there shall be a liquidated damage @ Rs.20 Per KWH for excess conversion losses considering system RtE = 86%.</p>	<p>2.13.7.2 Liquidated Damages Calculation w.r.t. Guaranteed System Efficiency</p> <p>Liquidated damages on account of shortfall in meeting the monthly Guaranteed System Efficiency mentioned in 2.13.4. The BESS shall guarantee DC to AC System efficiency (RtE) of system on monthly basis. The BESS shall be liable for Liquidated Damages on account of excess conversion losses, based on the following conditions:</p> <p>For RtE < 86%, there shall be a liquidated damage @ Rs.10 Per KWH for excess conversion losses considering system RtE = 86%.</p>
3.	New Clause		<p>2.13.7.3 The total aggregate liability of the [Contractor/Vendor/Party] for payment of liquidated damages on account of plant's non - performance as per above cl.no. 2.13.7.1 & 2.13.7.2 (i.e., LD for guaranteed system availability + LD for shortfall of guaranteed system efficiency (RtE) during the entire contractual obligation the LD shall not exceed Ten percent (10%) of the Total Contract Value.</p>

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4.	<p>Existing Cl. No 2.13.7.3 to be renumbered as Cl. No 2.13.7.4</p> <p>(Page 19 of 29, Volume -II, Part 1 of 6 Liquidated Damages Calculation)</p>	<p>2.13.7.3 Liquidated Damages Calculation w.r.t. excess Auxiliary Consumption Contractor shall provide (in the bid) following Auxiliary consumption details:</p> <p>a) Maximum Auxiliary Consumption (in MW) of BESS during Charging/Discharging operation at rated load of the BESS and at ambient temperature of 50°C.</p> <p>b) Maximum Auxiliary Consumption of BESS during idle state (in MW) and at ambient temperature of 50°C.</p> <p>The actual Auxiliary Consumption of BESS during Charging/Discharging operation and idle state shall be measured during commissioning stage, and if the actual consumption is found to be more than that declared consumption then the applicable LD amount shall be calculated with following formula.</p> <p>LD for higher Auxiliary consumption (in ₹) = {Actual Loss - Quoted Loss} x Corresponding Differential loading price specified in Bids</p>	<p>2.13.7.4 Liquidated Damages Calculation w.r.t. excess Auxiliary Consumption Contractor shall provide (in the bid) following Auxiliary consumption details:</p> <p>a) Maximum Auxiliary Consumption (in MW) of BESS during Charging/Discharging operation at rated load of the BESS and at ambient temperature of 50°C.</p> <p>b) Maximum Auxiliary Consumption of BESS during idle state (in MW) and at ambient temperature of 50°C.</p> <p>The actual Auxiliary Consumption of BESS during Charging / Discharging operation and idle state shall be measured during commissioning stage, and if the actual consumption is found to be more than that declared consumption then the applicable LD amount shall be calculated with following formula.</p> <p>LD for higher Auxiliary consumption (in ₹) = {Actual Loss - Quoted Loss} x Corresponding Differential loading price specified in Bids</p>
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