

Addendum 7

Date: 17.10.2025

In respect of RfS issued on July 25, 2025 for tender number RfS No. MSEDCL/BESS/Phase-2/25-26/001/dated. 25.07.2025 the Bidders to note the following changes:

- The condition mandating DC-coupled BESS for co-located existing solar projects (Annexure H) is withdrawn. Bidders can set up an AC-coupled BESS with these co-located solar projects. Please refer attached Annexure-3 for relevant clauses.
- Billing methodology for existing project where co-located BESS will be installed
 1. For billing of the existing project having PPA with MSEDCL where co-located BESS will be installed, the MSEDCL will compute the technical loss based on the meter readings available at the Generation Meter (project site) and the Delivery/Injection Meter (substation)
 2. Subsequently billing of said solar project under existing PPA will be done as per generation meter (project site) by adjusting the technical loss determined in setp-1.

The Bidders are requested to review the websites of the Bharat E-Portal (<https://www.bharatelectrontender.com>) and the Maharashtra State Electricity Distribution Company Limited (www.mahadiscom.in) for the revised RfS details as referred to above and for any further updates thereto.

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Annexure - 3

Date : 17.10.2025

In respect of RfS issued on July 25, 2025 for tender number RfS No. MSEDCL/BESS/Phase-2/25-26/001/dated. 25.07.2025

Sr.No.	Reference Clause No. of RfS/	Existing Clause	Amended Clause
1	RfS Clause No. 3.1	Under this RfS, the Battery Energy Storage System Developer (BESSD) shall be required to set up Battery Energy Storage Systems (BESS) with a total aggregate storage capacity of 2,000 MW / 4,000 MWh, to be implemented across multiple locations at MSEDCL / MSETCL substations. The primary objective of the BESS is to provide energy storage capacity on an "on- demand" basis to MSEDCL, for charging and discharging in accordance with dispatch instructions issued by MSEDCL. In addition to BESS installations at MSEDCL / MSETCL substations, BESS Developers (BESSDs), have an option to install BESS co-located with Solar projects mentioned at Annexure H. The developer opting for co-located projects shall set up DC-coupled Battery Energy Storage Systems (BESS). In case of Co-located BESS Projects, BESS charging should be strictly by way of DC-to-DC charging from Co-located Solar Project. Such Co-located projects will be connected to transmission system through existing evacuation arrangement of Solar project. The BESS shall be configured for a 2-hour discharge duration and capable of 1 charge- discharge cycles per day, in compliance with the performance requirements and technical criteria specified in clause 9 of this RfS.	Under this RfS, the Battery Energy Storage System Developer (BESSD) shall be required to set up Battery Energy Storage Systems (BESS) with a total aggregate storage capacity of 2,000 MW / 4,000 MWh, to be implemented across multiple locations at MSEDCL / MSETCL substations. The primary objective of the BESS is to provide energy storage capacity on an "on- demand" basis to MSEDCL, for charging and discharging in accordance with dispatch instructions issued by MSEDCL. In addition to BESS installations at MSEDCL / MSETCL substations, BESS Developers (BESSDs), have an option to install BESS co-located with Solar projects mentioned at Annexure H. The developer opting for co-located projects shall set up DC coupled Battery Energy Storage Systems (BESS). In case of Co-located BESS Projects, BESS charging should be strictly by way of DC to DC charging from Co-located Solar Project. Such Co-located projects will be connected to transmission system through existing evacuation arrangement of Solar project. The BESS shall be configured for a 2-hour discharge duration and capable of 1 charge- discharge cycles per day, in compliance with the performance requirements and technical criteria specified in clause 9 of this RfS.
2	RfS Clause No. 3.4	The energy for charging shall be provided by MSEDCL for both the BESS under Part A & B.. In case of BESS projects under Part A, AC input will be provided for charging, whereas for co-located DC-coupled BESS projects, charging shall be strictly provided through DC-to-DC coupling from the associated solar renewable energy plant. Power shall be delivered to the MSEDCL network in accordance with the dispatch instructions issued by MSEDCL. As the projects are connected to MSEDCL/MSETCL substations, dispatch instructions shall be issued on a day-ahead basis. MSEDCL may revise the schedule by providing advance notice to the BESSD, provided that such revision shall be effective from the 4th time block following the time block in which the request for revision is received. MSEDCL shall account for Round Trip Efficiency while providing charging energy—AC to AC for non-co-located projects and DC to AC for co-located DC-coupled BESS—under the applicable agreement with the BESSD.	The energy for charging shall be provided by MSEDCL for both the BESS under Part A & B. In case of BESS projects under Part A & B, AC input will be provided for charging. Power shall be delivered to the MSEDCL network in accordance with the dispatch instructions issued by MSEDCL. As the projects are connected to MSEDCL/MSETCL substations, dispatch instructions shall be issued on a day-ahead basis. MSEDCL may revise the schedule by providing advance notice to the BESSD, provided that such revision shall be effective from the 4th time block following the time block in which the request for revision is received. MSEDCL shall account for Round Trip Efficiency while providing charging energy—AC to AC for non-co-located projects and co-located BESS—under the applicable agreement with the BESSD.
3	RfS Clause No. 3.5	The arrangement required for DC-to-DC charging from existing commissioned Solar Energy Project will be in the scope of Bidder.	Deleted
4	RfS Clause No. 7.1.(ii)	Co-located BESS Projects (Intra-State Transmission Connectivity): Bidders may opt for installing BESS as co-located projects with Solar projects mentioned at Annexure H. The maximum contracted BESS capacity at any such location shall be limited to the equivalent of the maximum solar capacity contracted by MSEDCL at that location. The total capacity under this category shall be 500 MW / 1000 MWh.	Co-located BESS Projects (Intra-State Transmission Connectivity): Bidders may opt for installing BESS as co-located projects with Solar projects mentioned at Annexure H. The maximum contracted BESS capacity at any such location shall be limited to the equivalent of the maximum solar capacity contracted by MSEDCL at that location. The total capacity under this category shall be 500 MW / 1000 MWh. In case of a co-located BESS, the interconnection point shall be at the point of tapping to the existing evacuation line of the solar project having PPA with MSEDCL.
5	RfS Clause No. 9.1.g.3.	The BESSD shall guarantee a minimum AC to AC roundtrip efficiency (RtE) of 85% for the system on monthly basis. The BESSD shall be liable for Liquidated Damages to the off- taker, if any, on account of excess conversion losses, based on the following conditions: (a) For RtE <70%, there shall be a liquidated damage @APPC tariff of previous financial year applicable to the Buying Entity, levied upon the excess conversion losses, considering system RtE = 85% and tariff payment for the corresponding month shall not be made to the BESSD; (c) For RtE between 70% & 85%, there shall be a liquidated damage levied @ APPC tariff of last financial year applicable to the Buying Entity, levied upon excess conversion losses considering system RtE = 85%. (d) If RtE is less than 70% for six months in a year will be considered as material breach/ default of the BESSD.	The non co-located and Co-located BESSD shall guarantee a minimum AC to AC roundtrip efficiency (RtE) of 85% for the system on monthly basis. The BESSD shall be liable for Liquidated Damages to the off- taker, if any, on account of excess conversion losses, based on the following conditions: (a) For RtE <70%, there shall be a liquidated damage @APPC tariff of previous financial year applicable to the Buying Entity, levied upon the excess conversion losses, considering system RtE = 85% and tariff payment for the corresponding month shall not be made to the BESSD; (b) For RtE between 70% & 85%, there shall be a liquidated damage levied @ APPC tariff of last financial year applicable to the Buying Entity, levied upon excess conversion losses considering system RtE = 85%. (c) If RtE is less than 70% for six months in a year will be considered as material breach/ default of the BESSD.

Sr.No.	Reference Clause No. of RfS/	Existing Clause	Amended Clause
6	RfS Clause No. 9.1.g.4.	Further, DC coupled co- located BESSD shall guarantee a minimum round trip efficiency of 90%. The BESSD shall be liable for Liquidated Damages to the off- taker, if any, on account of excess conversion losses, based on the following conditions: (a) For Rte <75%, there shall be a liquidated damage @APPC tariff of previous financial year applicable to the Buying Entity, levied upon the excess conversion losses, considering system Rte = 90% and tariff payment for the corresponding month shall not be made to the BESSD. (b) For Rte between 75% & 90%, there shall be a liquidated damage levied @ APPC tariff of last financial year applicable to the Buying Entity, levied upon excess conversion losses considering system Rte = 90%. (e) If Rte is less than 75% for six months in a year will be considered as material breach/ default of the BESSD.If Rte is less than 75% for six months in a year will be considered as material breach/ default of the BESSD.	Further, DC coupled co- located BESSD shall guarantee a minimum round trip efficiency of 90%. The BESSD shall be liable for Liquidated Damages to the off- taker, if any, on account of excess conversion losses, based on the following conditions:- (a) For Rte <75%, there shall be a liquidated damage @APPC tariff of previous financial year applicable to the Buying Entity, levied upon the excess conversion losses, considering system Rte = 90% and tariff payment for the corresponding month shall not be made to the BESSD. (b) For Rte between 75% & 90%, there shall be a liquidated damage levied @ APPC tariff of last financial year applicable to the Buying Entity, levied upon excess conversion losses considering system Rte = 90%. (e) If Rte is less than 75% for six months in a year will be considered as material breach/ default of the BESSD.If Rte is less than 75% for six months in a year will be considered as material breach/ default of the BESSD.
7	RfS Clause No. 27.I.iv	Certified copies of annual audited accounts for the last financial year, i.e. FY 2022- 23, and provisional audited accounts, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank statements as on the date at least 7 days prior to the due date of bid submission (if applicable), shall be required to be submitted.	Certified copies of annual audited accounts for the last financial year, i.e. FY 2024- 25 , and provisional audited accounts, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank statements as on the date at least 7 days prior to the due date of bid submission (if applicable), shall be required to be submitted.
8	RfS Clause No. 45.28	“INTER-CONNECTION POINT/ DELIVERY/ METERING POINT” shall Mean a single point at the 33 kV/EHV Substation of the MSEDC/MSSETCL network, at the voltage level of 33 Kv or above, where the power from the Project(s) is injected into the grid (including the dedicated transmission line connecting the Projects with the substation system) as specified in the RfS. Metering shall be done at this interconnection point where the power is injected into. For interconnection with grid and metering, the BESSDs shall abide by the relevant CERC/ MERC Regulations, Grid Code and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2014 as amended and revised from time to time.	“INTER-CONNECTION POINT/ DELIVERY/ METERING POINT” shall Mean a single point at the 33 kV/EHV Substation of the MSEDC/MSSETCL network, at the voltage level of 33 Kv or above, where the power from the Project(s) is injected into the grid (including the dedicated transmission line connecting the Projects with the substation system) as specified in the RfS. Metering shall be done at this interconnection point where the power is injected into grid. For interconnection with grid and metering, the BESSDs shall abide by the relevant CERC/ MERC Regulations, Grid Code and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2014 as amended and revised from time to time. In case of a co-located BESS, the interconnection/Delivery/Metering point shall be at the point of tapping to the existing evacuation line of the solar project having PPA with MSEDC.
9	RfS Clause No. 27.I.iv	Certified copies of annual audited accounts for the last financial year, i.e. FY 2022- 23, and provisional audited accounts, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank statements as on the date at least 7 days prior to the due date of bid submission (if applicable), shall be required to be submitted.	Certified copies of annual audited accounts for the last financial year, i.e. FY 2024- 25 , and provisional audited accounts, along with certified copies of Balance Sheet, Profit & Loss Account, Schedules and Cash Flow Statement supported with bank statements as on the date at least 7 days prior to the due date of bid submission (if applicable), shall be required to be submitted.