

ADDENDUM 5

The following revisions is being made to the RfS issued on 11.03.2024 and subsequent addendums and bearing tender number RfS No. MSEDCL/RE/2024/1000MW/Wind-Solar Hybrid/T-Phase III dated 11.03.2024

Sr. No.	Clause of RfS/PPA	Clause No.	Existing Clause	Addendum
1	RfS	1.1.2	In order to fulfil the Renewable Purchase Obligation (RPO) and to meet the future power requirements, MSEDCL intends to procure Wind-Solar Hybrid Power up to capacity of 1000 MW with green shoe option of additional capacity upto 1000 MW through Competitive Bidding Process (conducted through electronically facilitated online web based portal (https://www.bharat-electronictender.com) followed by e-reverse auction).	In order to fulfil the Renewable Purchase Obligation (RPO) and to meet the future power requirements, MSEDCL intends to procure Wind-Solar Hybrid Power up to capacity of 2000 MW with green shoe option of additional capacity upto 2000 MW through Competitive Bidding Process (conducted through electronically facilitated online web based portal (https://www.bharat-electronictender.com) followed by e-reverse auction).
2	RfS	3.15.1	Criteria for generation Existing Provision:- The HPG will declare the annual CUF of their project at the time of bid submission and will be allowed to revise the same once within first three years after SCSD of the full project capacity. The declared annual CUF shall in no case be less than 30% over a Contract Year. ...	Amended Provision:- The HPG will declare the annual CUF of their project at the time of bid submission and will be allowed to revise the same once within first three years after SCSD of the full project capacity. The declared annual CUF shall in no case be less than 35% over a Contract Year.
3	RfS	4.2 (ii) and 4.4		As per Exhibit
4	PPA		Additional Clause: 3.1 Obligations to HPG: xviii) The HPG shall be required to follow the Detailed Procedure as issued by CERC/CTU under General Network Access under the Central Electricity Regulatory Commission (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022, as well as other Regulations issued by CERC/CEA as amended from time to time. The transmission charges & Losses upto the Delivery Point shall be borne HPG. If the transmission charges are directly billed to MSEDCL in respect of the RE projects connected with CTU, the same shall be recovered from the developers by making necessary adjustments in the monthly invoices	
5	PPA	Schedule 1: 4. Reactive Power Compensation	Reactive Power Compensation a) Power Producer shall comply with the “Central Electricity Authority (Technical Standard for Connectivity to the Grid) amended regulations, 2019 as amended from time to time, Minuets of the Meetings with respect to first time charging and connectivity with grid issued by CEA/CERC/MNRE, procedures stipulated by CERC etc. The RE generating station shall be capable of supplying dynamically varying reactive power support so as to maintain power factor within the limits of 0.95 lagging to 0.95 leading. b) The dynamically varying reactive support is necessary during transient conditions such as Low Voltage Ride Through (LVRT) or High Voltage Ride Through (HVRT). The fixed capacitor banks can provide reactive support only during steady state and also the support is delivered in steps after time delay. Hence, dynamically varying reactive support could be met either by installation of additional or higher capacity Inverters/WTGs or by providing power apparatus like STATCOM, SVC, Synchronous condenser, etc.	
			Remarks: The relevant clauses in the Standard PPA shall be amended to the extent the provisions are amended in the RfS Documents vide above amendments. Further, in case of any discrepancy, ambiguity or contradiction with respect to provision(s) mentioned in the RfS Document and Standard PPA Document, the provisions specified in the RfS Document, read in conjunction with subsequent Amendments shall prevail and Standard PPA Documents shall be amended accordingly.	

Exhibit

4.2 ii. Second Envelope (Financial Bid) Evaluation (Step-2):

In this step evaluations shall be done based on the “Tariff” quoted by the bidders in the Electronic Form of Financial Bid.

- i. The bidders including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit bid (single application) quoting a tariff per kWh for the project. Tariff can be quoted up to two places of decimal only. If it is quoted with more than two digits after decimal, it shall be ignored after first two decimal places. (For e.g. if the quoted tariff is ₹3.337, then it shall be considered as ₹3.33).
- ii. In this step, evaluation will be carried out based on tariff quoted by the Bidders.
- iii. On completion of Techno-commercial bid evaluation, if it is found that the total aggregate capacity of the Solar Power Projects short-listed is lower than or equal to 2000 MW, then further process shall be as follows:

Assuming-

ST=Capacity of the total number of techno-commercially qualified bidders

S-RA= Eligible Capacity for e-Reverse Auction,

S-RA	In Case $ST \leq 2000$ MW, $S-RA=0.5 \times ST$
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All techno-commercially qualified bidders whose financial bids are in accordance with the provisions of the RfS, will be shortlisted for e-RA.

Note:

1. In case of each category, on completion of Techno-commercial bid evaluation, if it is found that only one bidder is eligible, opening of the financial bid of the bidder will be at the discretion of MSEDCL. Thereafter MSEDCL will take appropriate action in consultation with MERC.
2. If more than 5 bidders submitted their bids, then the bidder or bidders with the highest quoted Tariff shall be disqualified from this Tender process.
3. In case more than one bidder is quoted highest tariff i.e., such bidders are at the same tariff, all such bidders will be eliminated.
4. The above elimination will take place subject to the condition that the total bid capacity after such elimination remains more than 2000 MW. In the contradictory scenario, no elimination will take place at this stage.
5. If the first-round tariff quoted is same for two or more bidders, then all the bidders with same tariff shall be considered of equal rank/ standing in the order.
6. Ranking of bidders after Financial Bid Evaluation: In case of financial bids received from all bidders are in the form of tariff, ranking of bidders shall be done accordingly. For example:

BIDDER	SUBMITTED FINANCIAL BID	RANKING
B8	INR 2.30 (TARIFF IN INR/ KWH)	L1
B5	INR 2.70 (TARIFF IN INR/ KWH)	L2
B1	INR 2.80 (TARIFF IN INR/ KWH)	L3
B4	INR 2.80 (TARIFF IN INR/ KWH)	L3
B2	INR 3.00 (TARIFF IN INR/ KWH)	L4
B3	INR 3.30 (TARIFF IN INR/ KWH)	L5
B7	INR 3.50 (TARIFF IN INR/ KWH)	L6
B6	INR 3.60 (TARIFF IN INR/ KWH)	L7
B10	INR 3.90 (TARIFF IN INR/ KWH)	L8
B9	INR 4.00 (TARIFF IN INR/ KWH)	L9
B11	INR 4.00 (TARIFF IN INR/ KWH)	L9

In above illustration both L9 bidders (B9 and B11) shall be disqualified. This is assuming that the total capacity of techno-commercially qualified bidders after elimination of B9 and B11 is > 2000 MW.

Example: If L5 and L6 or above have same highest quoted Tariff, then MSEDCL shall disqualify L6 and above, taking consideration of the bid submission date and time.

4.3 Reverse Auction (Step-3):

4.3.1 The reverse auction shall be conducted on <https://www.bharat-electronictender.com> Reverse Auction shall be carried out as specified in “Bid Information Sheet” of this RfS.

4.3.2 Shortlisted bidders for Reverse Auction will be able to login into <https://www.bharat-electronictender.com> of reverse auction 15 minutes before the start time of reverse auction.

- a) During the 15 minutes prior to start of reverse auction process, the respective tariff along with the total project capacity of the bidder shall be displayed on its window.
- b) The minimum decrement value for tariff shall be ₹ 0.01 per kWh. The bidder can mention its revised tariff which has to be at least 01 (one) paisa less than its current tariff.
- c) Bidders can only quote any value lower than their previous quoted tariff taking into consideration of the minimum decrement value mentioned in the previous section. However, at any stage, increase in tariff will not be permissible. Bidders can improve their ranking by quoting the tariff lower than their last quoted tariff.
- d) During Reverse Auction, the bidder shall not have the option of changing the total project capacity while quoting the tariff.

- e) In the bidder's bidding window, the following information can be viewed by the bidder:
 - i. Its tariff as their initial start price and there after last quoted tariff along with project capacity for which the bidder is qualified;
- f) The initial auction period will be of 30 minutes with a provision of auto extension by Eight minutes from the scheduled/extended closing time if any fresh bid is received in last eight (8) minutes of auction period or extended auction period. If no valid bid is received during last Eight minutes of auction period or extended auction period, then the reverse auction process will get closed.

4.4 Selection of Successful Bidders:

- 4.4.1** The bidders shall be selected in the ascending order with lowest quoted tariff (being L1) till the capacity is exhausted.
- 4.4.2** The lowest quoting bidder will be allotted its qualified project capacity and then, next higher bidder will be allotted its qualified project capacity and so on, till the total capacity (i.e. 2000 MW or 0.5 x ST in Case $ST \leq 2000$ MW, as the case may be) is exhausted.
- 4.4.3** After arranging the bidders in the ascending order of tariff, the Project capacities will be awarded only to those bidders whose final price bids are within a range of "L1+3%" ,in terms of INR/kWh.
- 4.4.4** In case of the last selected bidder, if the balance project capacity is less than the total project capacity mentioned by the bidder, then the balance capacity shall be awarded to the bidder till the total capacity (i.e. 2000 MW or 0.5 x ST in Case $ST \leq 2000$ MW) is exhausted. However, if the allocated capacity is less than the 50% of the offered capacity by the bidder then right to refusal shall be lie with the bidder. In case the last selected bidder opts for right of refusal as stated above, the bidder shall intimate MSEDCL about its refusal within two working days after e- Reverse Auction event in writing. This balance capacity will be offered to next eligible bidders at MSEDCL's discretion.
- 4.4.5** In case of tie, among two or more bidders (i.e. their last quoted tariff being the same) they will be considered in the chronological order of their last bid with preference to that bidder who has quoted his last bid earlier than others.
- 4.4.6** In the above case (as mentioned in previous Section), if the time of quote also become exactly same among the bidders at a tie, then the ranking among these bidders shall be done as follow:

Step – 1: Lowest rank will be given to the bidder who has quoted the lowest in Financial Bid (Electronic Form) and so on. If there is also a tie among any of these bidders, then the following step (Step 2) will be followed.

Step – 2: Ranking will be done based on draw of lots.

- 4.4.7** In case of $ST \leq 2000$ MW, after reverse auction, MSEDCL may at its own discretion allot capacity to the bidders upto the eligible bid capacity received (i.e. techno-commercially qualified).
- 4.4.8** At the end of selection process, a letter of Award (LOA) will be issued to all the successful bidders. In case Consortium being selected as successful bidder, the LOA shall be issued to the Lead Member of the Consortium.

In all cases, MSEDCL's decision regarding selection of bidder through Reverse Auction or other-wise based on tariff or annulment of tender process shall be final and binding on all participating bidders.

Also, MSEDCL shall reserve the right to short close the capacity lower than 2000 MW at its discretion if prices are abruptly high.