

INVITATION FOR BIDS

NTPC RENEWABLE ENERGY LIMITED
(A WHOLLY OWNED SUBSIDIARY OF NTPC LIMITED)

CONTRACTS SERVICES

INVITATION FOR BIDS (IFB) FOR

**SELECTION OF DEVELOPERS FOR ISTS CONNECTED ENERGY STORAGE SOLUTIONS OF
9000MWH WITH 1500MW (min) CAPACITY (Anywhere in India)
(International Competitive Bidding)**

IFB No.: NRE-CS-0000-BOO-2

Date: 19-04-2023

ETS Portal Tender Search Code: NTPCREL-2023-TN000010

Bidding Document No: NRE-CS-0000-SER-2

1.0 NTPC Renewable Energy Limited (NTPC REL) invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) for **Selection of Developers for ISTS Connected Energy Storage Solutions of 9000 MWh with 1500 MW (Min) Capacity (anywhere in India). The bidding process shall be followed by e-Reverse Auction.**

2.0 PROJECT SYNOPSIS
NTPC Renewable Energy Limited (hereinafter called NTPC REL) intends to avail Energy Storage facility to meet its RE RTC (Round the Clock)/Peak Power Requirements complementing with Wind/solar generation profile under Service Model from ISTS connected energy storage solutions with capacity of **9000 MWh with 1500 MW (min) capacity** at any location in India, through Global Competitive Bidding Process (conducted online followed by reverse auction). After conclusion of bidding process NTPC REL shall enter into energy storage service agreement on annual fixed charge basis with the selected Bidders for a period of 25 years based on the terms, conditions and provisions of the RfS.

The project shall be set up by the developer on Build Own Operate (BOO) basis.

The power generated by any of the **RE projects of NTPC REL shall be used for the charging of the ESS project** and NTPC REL shall utilize above energy storage facility, on a "On-Demand" basis, suited to its requirements during the peak and off-peak hours to meets its RE-RTC and/or Peak Power Requirements power requirement.

The project size will be of minimum 600 MWhr with 100 MW(min) capacity. Bidders can quote capacities in the following manner:

1. 600 MWh with 100 MW (min) capacity.
2. 1200 MWh with 200 MW (min) capacity.
3. 1800 MWh with 300 MW (min) capacity.
4. 2400 MWh with 400 MW (min) capacity.
5. 3000 MWh with 500 MW (min) capacity.
6. 3600 MWh with 600 MW (min) capacity.
7. 4200 MWh with 700 MW (min) capacity.
8. 4800 MWh with 800 MW (min) capacity
9. 5400 MWh with 900 MW (min) capacity
10. 6000 MWh with 1000 MW (min) capacity.

**SELECTION OF DEVELOPERS FOR ISTS CONNECTED ENERGY
STORAGE SOLUTIONS OF 9000 MWH WITH 1500 MW (Min)
CAPACITY (Anywhere in India)
BIDDING DOCUMENT NO. NRE-CS-0000-BOO-2**

**SECTION-I
INVITATION FOR BIDS (IFB)**

Page 1 of 3

INVITATION FOR BIDS

11. 6600 MWh with 1100 MW (min) capacity.
12. 7200 MWh with 1200 MW (min) capacity.
13. 7800 MWh with 1300 MW (min) capacity.
14. 8400 MWh with 1400 MW (min) capacity.
15. 9000 MWh with 1500 MW (min) capacity.

Already commissioned projects cannot be considered under this RfS. Projects under construction or projects which are not yet commissioned will however be considered in case these projects are not already accepted under any other Central or State Schemes. Enhancement and augmentation of already commissioned Projects, irrespective of their capacities will not be considered as eligible Project under this scheme.

- 3.0** Detailed Terms and Conditions are given in the Request for Selection (RFS) documents No. RE-CS-0000-BOO-2, which are available for examination and downloading at e-tender portal (as specified in this notice) and as per the following schedule:

ETS Portal Tender Search Code (TSC)	NTPCREL-2023-TN000010	
IFB No.	NRE-CS-0000-BOO-2	
IFB Date	19.04.2023	
Period of Downloading of RFS Documents	From 27.04.2023 to 25.05.2023	
Pre-Bid Conference and Last Date for receipt of queries from prospective Bidders	28.05.2023	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	16.06.2023	15:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	16.06.2023	15:30:00 (IST)
Date and Time of Start of Reverse Auction	Shall be intimated separately	
Cost of Bidding Documents in INR	NIL	

No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries/ Pre-Bid Conference as specified above.

- 4.0** All bids must be accompanied by Earnest Money Deposit for an amount calculated at the rate of **INR 12,00,000 per MW** (Indian Rupees Twelve Lakh per MW) and in the form as stipulated in the RfS Documents

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND SHALL NOT BE OPENED.

5.0 QUALIFYING REQUIREMENTS FOR BIDDERS

In addition to satisfactory fulfilment of the requirements stipulated under ITB (Instructions to Bidders) the following shall also apply.

- 6.0** NTPC REL reserves the right to reject any or all bids or cancel/ withdraw the Invitation for Bids without assigning any reason whatsoever and in such case no bidder/ intending bidder shall have any claim arising out of such action.

INVITATION FOR BIDS

7.0 The bidder shall be mandatorily required to submit a copy of “Non-Disclosure Agreement” duly signed by the authorized signatory as per the format enclosed (as Annexure – I) alongwith this IFB to enable the Employer to authorize the Bidder for procurement of the Bidding Documents. In case of any non-compliance in submission of Non-Disclosure Agreement, authorization shall not be provided to the bidders for procurement of bidding documents even after the payment of bidding document.

8.0 After registration with ETS and submission of Non Disclosure Agreement as above, a complete set of Bidding Documents may be downloaded by any interested Bidder from ETS Portal <https://www.bharat-electronictender.com> with Tender Search Code **NTPCREL-2023-TN000010**.

*Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- **NTPCREL-2023-TN000010** from website of ETS before closure of Bid Sale Period. If only free copy of Bidding Documents are downloaded from ETS portal or Bidding Documents are downloaded without confirmation or without generating official copy serial number, then the bidders will not be able to submit the bids.*

For technical assistance, interested parties may call ETS Helpdesk at 0124-4229071, 0124-4229072.

Note: No hard copy of RfS Documents shall be issued.

9.0 Issuance of RFS Documents to any Bidder shall not construe that such Bidder is considered to be qualified. The bids shall be submitted online. Bidder shall furnish Earnest Money Deposit, Integrity Pact, Pass Phrase and Board Resolution separately offline as detailed in RfS Documents before the stipulated bid submission closing date and time at the address given below.

10.0 Transfer of RFS Documents purchased by one intending Bidder to another is not permissible.

11.0 No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries/ Pre-Bid Conference (if applicable) as specified above.

12.0 *Any ‘Bidder from a country which shares a land border with India’, as specified in the Bidding Documents, will be eligible to bid in this tender only if bidder is registered with the Competent Authority as mentioned in the Bidding Documents.*

However, the said requirement of registration will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects.

12.0 ADDRESS FOR COMMUNICATION

**Addl. General Manager/ Deputy General Manager
Strategic Procurements**

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