

# NTPC Limited

## SALIENT TECHNICAL FEATURES FOR

**“SELECTION OF SOLAR POWER GENERATORS FOR SETTING UP OF 1200 MW ISTS-CONNECTED SOLAR PV POWER PROJECTS WITH 600 MW / 2400 MWh (600 MW x 4 HOURS) ENERGY STORAGE SYSTEMS (ESS) ANYWHERE IN INDIA (SOLAR-ESS-01)”.**

**(IFB No: NTPC/RE-CS/2024-25/ SOLAR-ESS-01)**

## SALIENT TECHNICAL FEATURES

“Salient Technical Features of the IFB are mentioned below. These Salient Technical Features are mentioned only to facilitate the prospective bidders to prima-facie understand the requirements under the IFB/RfS and shall not in any way limit or alter the scope of work/technical features/specifications/equipment/systems/services/provisions etc. covered in the RfS Documents. Detailed provisions contained in the RfS Document shall be final and binding.”

Salient technical features of the proposed project are as follows:

|                        |  |
|------------------------|--|
| <b>Name of the IFB</b> | SELECTION OF SOLAR POWER GENERATORS FOR SETTING UP OF 1200 MW ISTS-CONNECTED SOLAR PV POWER PROJECTS WITH 600 MW / 2400 MWh (600 MW x 4 HOURS) ENERGY STORAGE SYSTEMS (ESS) ANYWHERE IN INDIA (SOLAR-ESS-01)   |
| <b>Type of Project</b> | ISTS-CONNECTED SOLAR PV POWER PROJECTS WITH ENERGY STORAGE SYSTEM (ESS)  |
| <b>Location</b>        | Anywhere in India  |
| <b>Project size</b>    | The minimum project size shall be 50 MW and in multiple of 10 MW thereafter.<br>The maximum capacity to be allotted to a single bidder shall be 600 MW with 300 MW/1200 MWh Energy Storage System.<br>Further, ESS of at least 0.5 MW/2 MWh capacity for 1 MW Project Capacity shall mandatorily be installed as part of the Project |
| <b>CUF</b>             | Minimum declared CUF: As detailed in RfS.  |