

INVITATION FOR BIDS

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

CONTRACTS SERVICES

Invitation for Bids (IFB)
for
Land and Power Evacuation Package
for
DEVELOPMENT OF 300MW ISTS CONNECTED SOLAR PV PROJECTS
with
BATTERY ENERGY STORAGE NEAR 300MW NOKHRA SOLAR PROJECT OF NGEL, RAJASTHAN

(Domestic Competitive Bidding)

IFB No.: NRE-CS-5826-004(L)-9

Date: 13.03.2025

ETS Portal Tender Search Code: NTPCREL-2025-TN000006

Bidding Document No: NRE-CS-5826-004(L)-9

1.0 NTPC Renewable Energy Limited (NTPC REL) invites online bids from eligible bidders on Single Stage Two Envelope, viz. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid for LAND AND POWER EVACUATION PACKAGE FOR DEVELOPMENT OF 300MW ISTS CONNECTED SOLAR PV PROJECTS WITH BATTERY ENERGY STORAGE NEAR 300MW NOKHRA SOLAR PROJECT OF NGEL, RAJASTHAN.

2.0 BRIEF SCOPE OF WORK

A. Land Related Works

- 1. Arrangement of Government/private Land (5Acres/MW) on freehold/leasehold basis near 300MW Nokhra Solar Project of NGEL, Rajasthan for development of additional 300MW Solar with BESS projects. The lease period shall be a minimum of 29 years 11 months. Government land shall be a maximum of 10% of the total land.**
- 2. Necessary approach road till pooling substation** including any interconnection between plots (if not readily available) by self or through State machinery.
- 3. Topography Survey for Land Parcels and any cutting / Filling with compaction**, to maintain an average slope of 10% for Solar Project Land for installation of tracker-based MMS. (Tracker system is not included in bidder's scope). The slope of land would preferably be in one direction for at least 100m length in N-S Direction.
- 4. Geo-tech Investigation for Pooling Substation and Transmission System** only as required.
- 5. Fencing** of the offered Land including entry / exit gates (minimum 2 per plot) including security cabins (as per Tender Drawing) for Solar Project except Tr. Line related Land.
- 6. Lease management for private land:** Payment of lease charges to bonafide landowners on behalf of NTPC REL and getting the same reimbursed from NTPC REL periodically after submission of payment proof. The period of lease management in the scope of the bidder shall be from the date of signing of lease agreement up to completion of the O&M period of the contract. All changes in lease agreement on account of land ownership/inheritance changes during the said period shall also be in the scope of the bidder.

B. Power Evacuation Related Works

1. Design, Engineering, Supply, Erection, Testing & Commissioning of:

LAND AND POWER EVACUATION PACKAGE FOR DEVELOPMENT OF 300MW ISTS CONNECTED SOLAR PV PROJECTS WITH BATTERY ENERGY STORAGE NEAR 300MW NOKHRA SOLAR PROJECT OF NGEL, RAJASTHAN

BIDDING DOCUMENT NO.: NRE-CS-5826-004(L)-9

SECTION-I
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- a) **AIS Pooling Substation(s)** (220kV) with Tie Transformers (220kV/33kV- suitable quantity and rating in line with CEA standard specifications) and associated SAS and Protection.
- b) **33 kV Pooling Switchgear** for interconnection of 300MW Solar and 300MW BESS Capacity.
- c) Associated Civil works for substation(s) including Control Room Building and Pooling switchgear building.

2. **Design and Construction of Single circuit EHV Transmission Line (on double circuit towers)** from Project Pooling substation till 220kV Switchyard of NGEL Nokhra Solar project as per technical specifications and relevant standards including arranging for the "Right of Way" of transmission line(s).
3. Design and construction of terminal bay at 220kV Switchyard of NGEL Nokhra Solar project.
4. Telemetry system for data communication as per specifications.
5. Installation of Common Power Plant Controller (Main and Sub-PPCs) and Grid Compliance Study for Solar plant and BESS.
6. Supply and Installation of various Monitoring associated with Tie Transformers.
7. Supply of mandatory spares.
8. O&M of Pooling substation and associated equipment, EHV Transmission Line(s) and terminal bay(s) at NGEL Nokhra Solar project for a period of 3 years from the date of Project Commissioning.

The detailed scope of work is as defined in the bidding document No: **NRE-CS-5826-004(L)-9**.

3.0 NTPC REL intends to finance the subject package through Own Resources/Borrowings.

4.0 Detailed specification, Scope of work and Terms & Conditions are given in the bidding documents, 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-2025-TN000006		
IFB Date	13.03.2025		
Period of Downloading of Bidding Documents	From 18.03.2025 to 01.04.2025 upto 17:00 Hrs (IST)		
Pre-Bid Conference and Last Date for receipt of queries from prospective Bidders	04.04.2025		
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	18.04.2025	15:00:00	Hrs (IST)
Date & Time of opening of Techno-Commercial Bid	18.04.2025	15:30:00	Hrs (IST)
Cost of Bidding Documents	INR 22,500/- (Indian Rupees Twenty-Two Thousand Five Hundred only)		

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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.

- 5.0** All bids must be accompanied by Bid Security amount of **INR 2,00,00,000/- (INR Two Crore only)** in the form as stipulated in the Bidding 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. IN CASE, THE BID SECURITY IS SUBMITTED THROUGH ELECTRONIC FUND TRANSFER (EFT), BIDDER SHALL SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY IN SEPARATE SEALED ENVELOPE.

6.0 QUALIFYING REQUIREMENTS FOR BIDDERS

In addition to the requirements stipulated under section Instruction to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in Clause 1.0 and Clause 2.0

1.0 TECHNICAL CRITERIA

- 1.1. The bidder should have executed arrangement of land for grid connected Solar PV Projects/Solar Parks or Wind Projects/Wind Parks or combination thereof, of cumulative capacity of 100MW or higher, out of which at least one project/ Park should be of 50 MW or higher capacity.

The work(s) referred above can be in projects/works which are commissioned or yet to be commissioned.

OR

- 1.2. (a) The Bidder should have executed in the last ten (10) years an industrial project either as developer or as EPC Contractor in the area of power/ steel/ oil and gas/ petro-chemical/ fertilizer/cement/coal mining including coal handling plant and/ or any other process industry, of a value of **Rs. 22 Crores (Indian Rupees Twenty-Two Crores Only)** or more, in a single project or single work and the same should be in **successful operation for at least one (1) year/ six (6) months*** prior to the date of techno-commercial bid opening.

* **Successful operation:**

At least **One (1) year** for industrial projects other than RE sector i.e., Solar/Wind.

At least **Six (6) months** for projects in RE sector (i.e., Solar/Wind).

AND

- (b) The Bidder should have executed at least one (1) Electrical Sub-station of 33 kV or above voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in **successful operation for at least one (1) year/ six (6) months[#]** prior to the date of techno-commercial bid opening.

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Successful operation:

At least One (1) year for Electrical Sub-station in Projects other than RE sector i.e., Solar/Wind.

At least Six (6) months for Electrical Sub-station in RE Projects (i.e., Solar/Wind).

The works referred at clause 1.2 (a) & 1.2 (b) can be in same or different projects.

OR

- 1.3. The bidder should be an Indian company registered in India and should be Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.1 or 1.2 above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.1 or 1.2 and the Bidder along with its bid for complete performance of the contract jointly and severally as per format enclosed in the bid document failing which the Bidder's bid is liable to be rejected.

Notes for Clause 1.0

- a. The reference Project/ Park of 50MW or above capacity in clause 1.1 should be at a single location.
- b. The type of land for meeting QR of clause 1.1 can be either leasehold or freehold type.
- c. For clause 1.1, bidder has to submit LoA along with client certificate or any other relevant document in support of executed works.
- d. For cases where final clearance as per policy of the State is awaited from respective state Government, notarized agreement along with supporting documents establishing right to use of land shall be considered. Bidder shall provide the application submitted to State Government to establish that final clearance/approval is under process.
- e. For works related to Solar/Wind Park, bidder shall also submit certificate issued from Government Renewable Nodal Agency/ Government Enterprise/ Discom/ Electricity Board etc. for evidence in support of park registration/approval.
- f. For clause 1.2, bidder shall submit certificate of successful completion and operation from the Owner. However, if bidder in clause 1.2 is a developer, certificate of successful commissioning of the project issued from Government Renewable Nodal Agency/Government Enterprise/ Discom/ Electricity Board etc. and evidence of successful operation from intermediary procurer/ procurer/Discom/ Electricity Board etc. shall be submitted. Bidder shall submit documentary evidence for the value of the project certified by a Chartered Accountant.
- g. Direct/Indirect Order
The bidder shall also be considered qualified, in case the award for executing the reference work has been received by the bidder either directly from the owner of the plant or any other intermediary organization. In such a case, a certificate from such owner of plant or any other intermediary organization shall be required to be furnished by the bidder along with its techno-commercial bid in support of bidder's claim of meeting the qualification requirement as per clause 1.2. Bidder shall also submit a certificate of successful completion and operation from the Owner.
- h. Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.

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- i. The execution of industrial project as EPC Contractor under Clause No. 1.2 means, such EPC Contractor is responsible for all the activities i.e., Design/Engineering, Procurement, Construction (with/without civil works) and Commissioning of a project/work.
- j. The portion of work related to power transformer such as supply and or installation mentioned at cl. no. 1.2 (b) can either be done by EPC contractor by themselves or by the owner.
- k. For the value of industrial project in clause 1.2(a) indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-commercial Bid opening shall be used.

2.0 FINANCIAL CRITERIA

- 2.1 The average annual turnover of the bidder should not be less than **Rs. 22 Crores (Indian Rupees Twenty-Two Crores Only)**, during the preceding three (3) financial years as on date of techno commercial bid opening.

In case a Bidder does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid- up share capital of the Holding Company. In such an event, the Bidder would be required to furnish along with its techno-commercial bid, a Letter of Undertaking from the Holding Company, supported by the Holding Company's Board Resolution, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

- 2.2 Bidder should have Positive Net Worth as on the last day of the preceding financial year.
- 2.3 In case the Bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents on substantiation of its qualification:

(a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.

(b) Certificate from the CEO/ CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statement of the Holding Company.

In case where audited results for the last financial year as on date of techno commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of **three consecutive financial years preceding the last financial year** shall be considered for evaluating financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that the financial results of the company are under audit as on techno-commercial bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

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Notes for Clause 2.0

- a. Net worth means the sum total of the paid-up share capital and free reserves. Free reserves means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further, any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
- b. Other income shall not be considered for arriving at annual turnover.
- c. For Turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-commercial Bid opening shall be used.
- d. For the companies formed in the current or immediate preceding financial year and whose financial results as on the last date of preceding financial year are not available, the net worth certified by the Chartered Accountant as on the day not earlier than 7 days prior to the initially notified last date of techno-commercial bid submission shall be considered.
- e. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
- f. 'Group Company' means two or more enterprises which, directly or indirectly, are in a position to:
 - (a) exercise twenty-six percent or more of voting rights in other enterprise; or
 - (b) appoint more than fifty percent of members of Board of Directors in the other enterprise.

The meaning of Holding/Subsidiary/Group Company mentioned above shall be applicable for Clause 1.3 also.

7.0 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.

8.0 Interested parties are required to get registered with M/s ISN Electronic Tender Services (ETS) website <https://www.bharat-electronictender.com>(if not already registered).

The cost of the bidding documents as mentioned above is required to be submitted in the form of a crossed account Payee Demand Draft in favour of "**NTPC Renewable Energy Limited**", Payable at **Noida** at the address mentioned at para no.13.0 below along with GSTIN and Organization ID registered with ETS.

Interested Bidders can also pay for the cost of documents as mentioned above in the form of Electronic transfer/ NEFT Payments in the following account details of NTPC:

Account Number	921020013636047
IFSC Code	UTIB0000022
Name of Bank	Axis Bank
Branch Code	000022
Address	Axis Bank Ltd B2-B-3, Sector 16, Noida Gautam Buddha Nagar, UP 201301

In case of electronic fund transfer, the bidder shall be required to forward the copy of transfer receipt/ electronic transfer receipt from their registered E-mail ID to the concerned nodal officers of NTPC REL as mentioned below requesting for access for download of the bidding documents in working hours between Monday to Friday.

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While carrying out online transfer, Bidders shall ensure to enter "Tender No. - Bidder Name" in the Text / Remarks / Reason field. Bidder shall intimate the details of same through email to Employer and also upload the details on ETS portal (Technical Bid Part) in the following format:

Declaration for Payment of Cost of Bidding Document

Tender Search Code:
Bidder Name:
ETS Portal Organization ID:
UTR Reference:
Amount:
Date of Transfer:
Transferor Bank:

(Signature of Bidder with Seal)

- 8.1** Issuance of Bid Documents to any Bidder shall not construe that such Bidder is considered to be qualified. The bids shall be submitted online. Bidder shall furnish hard copy of Bid Security, Pass Phrases, Power of Attorney and other documents separately as detailed in Bidding Documents before the stipulated bid submission closing date and time at the address given at 13.0 below.
- 8.2** 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 along with the 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.
- 8.3** After registration with ETS and payment of the cost of bidding documents 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-2025-TN000006.
Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- NTPCREL-2025-TN000006 from website of ETS before closure of Bid Sale Period.
For technical assistance, interested parties may call ETS Helpdesk at 0124-4229071, 0124-4229072.
Note: No hard copy of Bidding Documents shall be issued.
- 9.0** Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.
- 10.0** 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.
- 11.0** 'Class-I local suppliers' only are eligible to participate in this tender, as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent

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amendments/ revisions issued by DPIIT. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.

- 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.

Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India, will be eligible to bid only if the bidder is registered with the same competent authority.

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.

13.0 ADDRESS FOR COMMUNICATION

AGM (CS) / DGM (CS)
Contracts Services
NTPC Renewable Energy Limited
4thFloor, Renewables Building
E-3, Ecotech-II, Udyog Vihar, Greater Noida
Gautam Budh Nagar, Uttar Pradesh, India, Pin – 201306

Contact Persons

Name & Designation	Telephone No	Mobile No	E-Mail ID
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