

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 2000MW ISTS
CONNECTED SOLAR PV PROJECTS IN BARMER, RAJASTHAN**

(Domestic Competitive Bidding)

IFB No.: NRE-CS-5806-004(L)-9

Date: 22.02.2024

ETS Portal Tender Search Code: NTPCREL-2024-TN000003

Bidding Document No: NRE-CS-5806-004(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 2000MW ISTS Connected Solar PV Projects in Barmer, Rajasthan.

2.0 BRIEF SCOPE OF WORK

A. Land Related Works

- 1. Arrangement of Government/Private Land (5Acres/MW) on freehold/leasehold basis near Barmer ISTS substation, Rajasthan. 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 95% compaction as per standard Proctor density test, 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. Geotech Investigation for Pooling Substation and Transmission System only as required for Design of Foundations.**
- 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.**

B. Power Evacuation Related Works

- 1. Arrangement of grid connectivity with ISTS substation in Barmer, Rajasthan.**

**LAND AND POWER EVACUATION PACKAGE FOR
DEVELOPMENT OF 2000MW ISTS CONNECTED SOLAR PV
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**SECTION-I
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2. Design, Engineering, Supply, Erection, Testing & Commissioning of:
 - a) **AIS Pooling Substation(s)** (400kV or 220kV as per quoted capacity) with Tie Transformers (400kV/33kV or 220kV/33kV- suitable quantity and rating in line with CEA standard specifications) and associated SAS and Protection.
 - b) **33 kV Pooling Switchgear** for quoted capacity.
 - c) Associated Civil work for substation(s) including Control Room Building and Pooling switchgear building.
3. **Design and Construction of EHV Transmission Line(s)** from Pooling substation till ISTS Sub-Station as per technical specifications and relevant standards including arranging for the "Right of Way" of transmission line(s).
4. Design and construction of terminal bay(s) at ISTS end.
5. Telemetry system for data communication as per specifications.
6. Installation of Common Power Plant Controller (Main and Sub-PPCs) and Grid Compliance Study for solar plants associated with each Pooling Substation.
7. Supply and Installation of various Monitoring associated with Tie Transformers.
8. Supply of mandatory spares
9. O&M of Pooling substation and associated equipment, EHV Transmission Line(s) and terminal bay(s) at ISTS end 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-5806-004(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:

| | | |
|--|---|----------------|
| IFB Date | 22.02.2024 | |
| Period of Downloading of Bidding Documents | From 29.02.2024 to 11.03.2024 upto 17:00 Hrs (IST) | |
| Pre-Bid Conference and Last Date for receipt of queries from prospective Bidders | 12.03.2024 | |
| Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid | 28.03.2024 | 15:00:00 (IST) |
| Date & Time of opening of Techno-Commercial Bid | 28.03.2024 | 15:30:00 (IST) |
| Cost of Bidding Documents | INR 22,500/- (Indian Rupees Twenty-Two Thousand Five Hundred only) | |

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.

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- 5.0** All bids must be accompanied by “Bid Security Declaration” in lieu of Bid Security in the form as stipulated in the Bidding Documents.

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

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 at least the following works 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.

(a) Arrangement of land for the Project/Park.

And

(b) Obtain technical feasibility approval for power evacuation through STU/ISTS substation.

The works referred at clause 1.1 (a) & 1.1 (b) can be in same or different projects/works which are commissioned or yet to be commissioned.

OR

1.2. 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 above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.1 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 (a) can be either leasehold or freehold type.
- c. For clause 1.1 (a) and 1.1 (b), 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 shall be considered. Bidder shall provide the application submitted to State

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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 1.1 (b), document in support of technical feasibility approval for power evacuation issued by CTU/STU/DISCOM etc to be submitted. In-principle grant of connectivity or stage-I connectivity with ISTS substation issued by Central Transmission Utility (CTU) shall also be considered eligible for meeting QR. In case of solar-wind hybrid project connected to a single grid substation, the total installed capacity of projects mentioned in the technical feasibility approval/connectivity approval by CTU/STU for power evacuation shall be considered as project capacity for meeting the requirements mentioned at 1.1 (b) of QR.

2.0. FINANCIAL CRITERIA

- 2.1 The average annual turnover of the bidder should not be less than the financial figure as mentioned in Table below, **for any three (03) financial years out of the preceding five (05) financial years** as on date of techno commercial bid opening.

| Total Quoted Capacity | Minimum financial Figure |
|-----------------------|--|
| 50MW to 300MW | Rs 13.25 Crores (Indian Rupees Thirteen Crores Twenty-Five Lakhs Only) |
| > 300 MW | Rs 4.42 Lakhs per MW* Total Quoted Capacity in MW (Indian Rupees Four Lakhs Forty-Two Thousand per MW) |

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

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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 **any three out of five 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.

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 1.2 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).

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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. 12.0 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.

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: **NTPCREL-2024-TN000003**
Bidder Name:
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 Bid Security Declaration, Pass Phrases and Power of Attorney separately as detailed in Bidding Documents before the stipulated bid submission closing date and time at the address given 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-2024-TN000003.

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Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- NTPCREL-2024-TN000003 from website of ETS before closure of Bid Sale Period. If only free copy of Bidding Documents is 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 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** 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.

12.0 ADDRESS FOR COMMUNICATION

Addl. General Manager (CS) / Sr. Manager (CS)

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