

## INVITATION FOR BIDS



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

#### **CONTRACTS SERVICES**

#### **INVITATION FOR BIDS (IFB) FOR**

#### **DEVELOPMENT PACKAGE (BOS WITH LAND) OF ISTS CONNECTED WIND ENERGY PROJECT(S) UP TO CAPACITY OF 720 MW ANYWHERE IN INDIA**

**(Domestic Competitive Bidding)**

**IFB No.: NRE-CS-5918-003(D)-9**

**Date: 24.01.2022**

**ETS Portal Tender Search Code: NTPCREL-2022-TN000002**

**Bidding Document No: NRE-CS-5918-003(D)-9**

**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) basis for **Development Package (BOS with Land) of ISTS Connected Wind Energy Project(s) up to Capacity of 720 MW Anywhere in India.**

#### **2.0 BRIEF SCOPE OF WORK**

1. Detailed design, engineering, micro-siting, manufacturing, supply, erection, testing, commissioning, and proving the guaranteed performance parameters for installation of the offered wind farm starting from 33kV internal evacuation lines from unit substation, pooling substation, Central monitoring and control station (CMCS), reactive power compensating devices Wind monitoring mast(s), external EHV transmission line till ISTS substation etc. **Supply, civil works and installation of Wind Turbine Generators (WTGs), unit substation & SCADA are not in the scope of Development package.**
2. Acquisition of the required land for the offered wind farm project, roads, storage area, pooling sub-station etc as per prevailing govt. rules and transfer of title/ lease deed to NTPC REL including infra-structure development.
3. All associated civil engineering works like internal roads, office cum control room building, pooling substation, storage sheds, permanent water supply arrangements, approach road etc.
4. All associated electrical works required for grid interfacing (i.e. internal HT overhead lines, common group control and metering station, common EHV sub-station(s) with necessary switch gear) and grid extension (i.e. external overhead line up to ISTS grid sub-station, bay extension or creation of additional facilities at grid sub stations)
5. The offered Project by the bidder shall be compatible for installation of any WTG of size ranging from 2.7MW to 3.6MW.

# INVITATION FOR BIDS



6. All agreements, statutory approvals and clearances such as power evacuation/ISTS grid connectivity, environmental, central / state nodal renewable energy agency, electrical, forest, etc. as required / applicable.
7. 3 years Comprehensive operation & maintenance of the complete system under Development package scope including pooling substation, and external transmission system along with supply of all spare parts, consumables, repairs / replacement of any defective equipment, payment of reactive power penalty and other charges levied by the respective state govt. etc.
8. Supply of Mandatory Spares

The detailed scope of work is as defined in the bidding document No.: **NRE-CS-5918-003(D)-9.**

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

**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)	<b>NTPCREL-2022-TN000002</b>	
IFB Date	24.01.2022	
Period of Downloading of Bidding Documents	From 31.01.2022 to 14.02.2022	
Pre Bid Conference and Last Date for receipt of queries from prospective Bidders	17.02.2022	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	04.03.2022	15:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	04.03.2022	15:30:00 (IST)
Cost of Bidding Documents in INR	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.***

**5.0** All bids must be accompanied by Bid Security for an amount as per below table in the form as stipulated in the Bidding Documents:

No. of Footprints (WTG Locations) offered by Bidder	Bid Security Amount
<b>20-37</b>	<b>INR 1,00,00,000/- (Indian Rupees One Crore only)</b>
<b>38-93</b>	<b>INR 2,00,00,000/- (Indian Rupees Two Crore only)</b>
<b>94-186</b>	<b>INR 5,00,00,000/- (Indian Rupees Five Crore only)</b>
<b>187-200</b>	<b>INR 10,00,00,000/- (Indian Rupees Ten Crore only)</b>

## INVITATION FOR BIDS



In case the Bidder has submitted Bid Security less than the required Bid Security for offered no. of footprints (WTG Locations) as per above table, Bidder's eligible no. of footprints shall be reduced to maximum no. of footprints as per the value of submitted Bid Security as per above table.

**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 RETURNED TO THE BIDDER WITHOUT BEING OPENED.**

### 6.0 QUALIFYING REQUIREMENTS FOR BIDDERS

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

#### 1.0 TECHNICAL CRITERIA

1.1 The Bidder should have designed/got designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of **Balance of System** of Wind Power Plant(s) of cumulative installed capacity of **40 MW** or higher, out of which at least one plant should have been of **10 MW** or higher capacity at a single location with associated civil & electrical works. The reference plant of **10 MW** or higher capacity must have been in successful operation for at least One (1) year prior to the date of techno-commercial bid opening.

**OR**

1.2 The Bidder should be a developer of grid connected Wind Power Plant(s) of cumulative installed capacity of 40 MW or higher, out of which at least one plant should have been of **10 MW** or higher capacity at a single location. The reference plant of **10 MW** or higher capacity must have been in successful operation for at least One (1) year prior to the date of techno-commercial bid opening.

**OR**

1.3 (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 or any other process industry, of minimum financial figure as mentioned in Table below, in a single project or single work and the same should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

Total Quoted Capacity	Minimum Financial Figure
50 MW to 300 MW	<b>Rs 40 Crores</b> (Indian Rupees Forty Crores Only)
More than 300 MW	<b>Rs 80 Crores</b> (Indian Rupees Eighty Crores Only)

**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 **33 kV** or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor

## INVITATION FOR BIDS



which should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

The works referred to at clause 1.3 (a) & 1.3 (b) can be in same or different projects.

**OR**

- 1.4 The bidder should be an Indian company registered in India and should be Subsidiary company/ Holding Company/Subsidiary of its holding company of a firm meeting the requirement (s) of Clause 1.1 or 1.2 or 1.3 above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 1.1 or 1.2 or 1.3 and the Bidder along with its bid for complete performance of the contract jointly or 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) **“Balance of System”** in Clause 1.1 means the bidder should have executed minimum three of the following sub-system in a single wind energy project.
  - i. 33V or above bay with Circuit Breaker and associated systems
  - ii. Energy Estimation from Wind Energy Project
  - iii. 33 kV internal transmission line
  - iv. Interconnecting roads of Wind power plant
- b) The reference Wind farm of **10 MW** or above capacity should be at a single location developed by Bidder for itself or any other client.
- c) For clause 1.1 & 1.3, Bidder shall submit certificate of successful completion and operation from the Owner.
- d) For Clause 1.2, Bidder shall submit certificate of successful commissioning of the project issued from Govt. Renewable Nodal Agency/Govt. Enterprise/ Discom/ Electricity Board.
- e) For Clause 1.2, Bidder shall submit evidence of successful operation from intermediary procurer/ procurer/Discom/ Electricity Board.
- f) In case of developer as Bidder in clause 1.3, a documentary evidence (certified by a Chartered Accountant) for value and successful operation of executed reference work must be submitted by the Bidder.
- 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. However, 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 the support of Bidder's claim of meeting the qualification requirement as per clause 1.1, 1.3 above.
- h) Developer means an entity who has either executed or got executed the work/project as owner of wind power project(s).
- i) The execution of industrial project as EPC Contractor under Clause No. 1.3 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. 1.3 (b) can either be done by EPC contractor by themselves or by the owner.

# INVITATION FOR BIDS



## 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 during the preceding three (3) completed financial years as on the date of techno-commercial bid opening.

Total Quoted Capacity	Minimum Financial Figure
50 MW to 300 MW	<b>Rs 40 Crores</b> (Indian Rupees Forty Crores Only)
More than 300 MW	<b>Rs 80 Crores</b> (Indian Rupees Eighty Crores Only)

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 date and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

### Notes for Clause 2.0:

- i. 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

# INVITATION FOR BIDS



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.

- ii. Other income shall not be considered for arriving at annual turnover.
- iii. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
- iv. For the value of industrial project in clause 1.3(a) and/or the annual turnover indicated in foreign currency, the exchange rates as on seven (7) days prior to the date of Techno-commercial bid opening shall be used.

**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.11.0 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 Renewable Energy Limited:

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

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:  
Bidder Name:  
UTR Reference:  
Amount:  
Date of Transfer:



# INVITATION FOR BIDS



Transferor Bank:

(Signature of Bidder with Seal)

**8.2** 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, Integrity Pact, 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.

**8.1** 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-2022-TN000002**.

*Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- **NTPCREL-2022-TN000002** 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 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.

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)/ Senior Manager (CS)**

Contracts Services

NTPC Renewable Energy Limited

4<sup>th</sup> Floor, NETRA Building

E-3, Ecotech-II, Udyog Vihar, Greater Noida

Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306

Telephone No. +91-120-2356640, +91-120-2356602, +91-9403690748

E-Mail: [shailendra@ntpc.co.in](mailto:shailendra@ntpc.co.in) / [ishanakhouri@ntpc.co.in](mailto:ishanakhouri@ntpc.co.in)

Corporate Identification Number: U40107DL2020GOI371032, Website: [www.ntpcREL.co.in](http://www.ntpcREL.co.in)