

INVITATION FOR BID

**NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
RENEWABLE ENERGY – CONTRACTS SERVICES, NOIDA.**

**INVITATION FOR BIDS (IFB)
FOR
EPC WITH LAND FOR DEVELOPMENT OF SOLAR PV PROJECTS(Up to 1070 MW) IN
RAJASTHAN**

(Domestic Competitive Bidding)

IFB No.: RE-CS-5764-004-9

Date: 15.08.2020

Tender Search Code :

Bidding Document No: RE-CS-5764-004-9

1.0 NTPC Ltd. invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) with **Reverse Auction** for **EPC WITH LAND FOR DEVELOPMENT OF SOLAR PV PROJECTS(Up to 1070 MW) IN RAJASTHAN**

2.0 BRIEF SCOPE OF WORK

Design, Engineering, Manufacturing, Supply, Packing and Forwarding, Transportation, Unloading, Storage, Installation and Commissioning of grid connected Solar PV projects located anywhere in India on turnkey basis.

Project capacity: Individual Project shall be of minimum 50 MW or higher in multiples of 10 MW.

Project Location: Within Rajasthan

PV Cells & Modules: Open Category

Grid Connectivity: With STU substations of 132kV and above

The scope includes the following:

(i) Scope of Work for Solar Plant up to interconnecting Sub-Station:

1. Complete transfer of ownership/lease of encumbrance free land in favor of NTPC Ltd
2. Identifying and arranging Grid Connectivity at STU substation.

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3. All EPC works required for Development of Solar PV Project along with power evacuation system and telemetry up to interconnecting STU substation as per detailed technical Specifications and applicable Technical standards.
 4. Performance testing for demonstration of Guaranteed Generation at STU interconnection point
- (ii) Operation & maintenance of complete Solar PV plant including Switchyard and power evacuation system till STU substation along with consumables and spare parts for a period of Three (03) years from the date of successful completion of trial run.

The detailed scope of work is as defined in the bidding document No.: **RE-CS-5764-004-9**.

3.0 NTPC 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:

IFB No.	RE-CS-5764-004-9	
IFB Date	15.08.2020	
Period of Downloading of Bidding Documents	From 17.08.2020 to 31.08.2020	
Pre Bid Conference and Last Date for receipt of queries from prospective Bidders	03.09[.2020	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	17.09.2020	14:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	17.09.2020	14:30:00 (IST)
Date and Time of start of Reverse Auction	Shall be Intimated separately by NTPC	
Cost of Bidding Documents in INR	INR 22,500/-(Indian Rupees Twenty Two Thousand Five Hundred only)	

4.1 No Queries from Bidders, whatsoever, shall be entertained by NTPC Ltd 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 for an amount indicated as per table below and in the form as stipulated in the Bidding Documents:

Sl. no.	Capacity quoted by Bidder	Amount of Bid Security
1	50 MW	Rs. 2 Crore
2	60 MW to 110 MW	Rs. 5 crore
3	120 MW to 220 MW	Rs. 10 crore
4	230 MW to 550 MW	Rs. 20 Crore
5	560 MW to 600 MW	Rs. 50 Crore

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:**

PROJECT CONFIGURATION: BLOCK CAPACITY OF 50 MW AND ABOVE

In addition to the requirements stipulated under section Instruction to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in Clause 6.1.0 and Clause 6.2.0 below:

6.1.0 TECHNICAL CRITERIA

- 6.1.1 The Bidder should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

- 6.1.2 The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

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6.1.3 (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/coal mining including coal handling plant and/ or any other process industry, of a value of **Rs. 210 Crore** (Indian Rupees **Two Hundred and Ten Crore** only) or more in a single project or single work respectively and the same should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

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 prior to the date of techno-commercial bid opening.

The works referred at clause 6.1.3 (a) & 6.1.3 (b) can be in same or different projects.

OR

6.1.4 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 6.1.1 or 6.1.2 or 6.1.3 above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause 6.1.1 or 6.1.2 or 6.1.3 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 6.1.0

- a. The reference SPV based grid-connected power plant of 10MWp or above capacity should be at a single location developed by Bidder for itself or any other client.
- b. SPV based Roof-top/Floating solar power projects, which are grid connected, shall also be considered eligible for QR purposes.
- c. For clause 6.1.1 & 6.1.3, bidder shall submit certificate of successful completion and operation from the Owner. However, if bidder in clause 6.1.3 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.
- d. For Clause 6.1.3, bidder shall submit a documentary evidence for the value of the project certified by a Chartered Accountant.
- e. Direct/Indirect Order

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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 6.1.1 and 6.1.3 above. Bidder shall also submit a certificate of successful completion and operation from the Owner.

- f. For Clause 6.1.2, bidder shall submit certificate of successful commissioning of the project issued from Government Renewable Nodal Agency/ Government Enterprise/ Discom/ Electricity Board etc.
- g. For Clause 6.1.2, bidder shall submit evidence of successful operation from intermediary procurer/ procurer/Discom/ Electricity Board etc.
- h. Developer means an entity who has either executed or got executed the work/project as owner of industrial projects.
- i. The execution of industrial project as EPC Contractor under Clause No. 6.1.3 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. 6.1.3 (b) can either be done by EPC contractor by themselves or by the owner.
- k. EPC projects with solar PV module supplied by developer/owner as free issue item to EPC contractor shall also be considered eligible for route 6.1.1 of QR.

6.2.0 FINANCIAL CRITERIA

- 6.2.1 The average annual turnover of the Bidder, should not be less than **Rs. 210 Crore** (Indian Rupees **Two Hundred and Ten Crore 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.

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6.2.2 Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 100% (hundred percent) of bidder's paid-up share capital. In case the Bidder does not satisfy the Net Worth criteria on its own, it can meet the requirement of Net worth based on the strength of its Subsidiary (ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable, the Net worth of the Bidder and its Subsidiary (ies) and/or Holding Company and/or Subsidiary (ies) of the Holding Company, in combined manner should not be less than 100% (hundred percent) of their total paid up share capital. However individually, their Net worth should not be less than 75% (seventy-five percent) of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

Net worth (combined) = $(X1 + X2 + X3) / (Y1 + Y2 + Y3) \times 100$ where X1, X2, X3 are individual Net worth which should not be less than 75% of the respective paid up share capitals and Y1, Y2, Y3 are individual paid up share capitals.

6.2.3 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.

Notes for Clause 6.2.0

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- 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. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.

7.0 NTPC 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 website <https://www.bharat-electronictender.com> (if not registered already). 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 Ltd.", Payable at New Delhi at the address mentioned at para no.10.0 below along with GSTIN and Organization ID registered with ETS portal or in the manner specified at 8.1 below. After registration with ETS portal and payment of the cost of bidding documents as above or as per 8.1 below, 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 NTPC-2020-TN000016**. Interested parties are required to ensure that they have downloaded the official copy of Bidding documents against Tender Search code- **NTPC-2020-TN000016** from abovementioned website without which they will not be able to submit their bids. For technical assistance call ETS Helpdesk at 0124-4229071, 0124-4229072.

8.1 Bidders may also opt for Online Transfer of Cost of bidding document through NEFT/RTGS to NTPC's Bank whose details are provided herewith :

Account No.	52142904702
IFSC Code	SBIN0020511
Name of the Bank	State Bank of India
BranchCode	20511
Address	Scope Complex Lodhi Road Branch Ground Floor, Core-6 Scope

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Complex Delhi-110003

While carrying out online transfer, Bidders shall ensure to enter "Bid Doc Cost-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. :

Vendor Name :

UTR Reference :

Amount:

Date of Transfer:

Transferor Bank:

(Signature of vendor with seal)

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

8.1 Issuance of Bid Documents to any Bidder shall not construe that such Bidder is considered to be qualified. Bids shall be submitted online. Bidder shall furnish Bid Security, Integrity Pact, Pass Phrase and Power of Attorney separately offline as detailed in Bidding Documents before the stipulated bid submission closing date and time at the address given below.

9.0 Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.

10.0 Address for communication:

Addl. General Manager (Renewable Energy-Contract Services) / Manager (Renewable Energy-Contract Services), NTPC Limited, Room No. 220, R&D Building, Engineering Office Complex (EOC) Annexe, A-8A, Sector-24, NOIDA, Distt. Gautam Budh Nagar, (UP), India, Pin - 201301 on Telephone No. +91-120-2410880, +91-120-4947371, Fax: +91-120-2410251;

Email: akgupta01@ntpc.co.in/sagardhingra@ntpc.co.in or at office.

Corporate Identification Number: L40101DL1975GOI007966, Website: www.ntpc.co.in

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