

INVITATION FOR BIDS (IFB)

NTPC Limited
(A Government of India Enterprise)

(CORPORATE CONTRACTS, NOIDA)

INVITATION FOR BIDS (IFB)

FOR

STEAM TURBINE R&M PACKAGE OF VINDHYACHAL
STPP, U # 1 TO 3 (3X210 MW)

LOCATED AT DISTRICT SINGRAULI, STATE OF MADHYA PRADESH, INDIA
(Domestic Competitive Bidding)

IFB No. 2023_NTPC_73540_1

Date : 14.02.2023

Bidding Document No: CS-2220-110A-9

1.0 NTPC Limited invites on-line bids on **Single Stage Two Envelope Basis (i.e. Envelope-I: Techno-Commercial and Envelope-II: Price)** from eligible Bidders for STEAM TURBINE R&M PACKAGE OF VINDHYACHAL STPP, U# 1 TO 3 (3X210 MW), as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

The scope of Steam Turbine R&M Package of Vindhyachal Super Thermal Power Project Unit # 1 to 3 (3x210 MW) includes design, manufacture, engineering, inspection, testing, packing, forwarding to site, unloading, erection, supervision, pre-commissioning, testing, commissioning and performance testing of three (3) no. steam turbine generator unit along with auxiliaries. The scope also includes disassembly of existing equipment / systems, replacement of specified equipments / systems by supplying new equipments/ systems including supply of assembly materials, with new modernized equipments / components compatible to existing facilities / layout by Re- engineering / Re-Design etc. The major work under this Renovation & modernization package is given below; however, the detail scope of work shall be as specified in the bidding documents.

Replacement of existing HP, IP and LPT with new & improved design HP, IP and LPT modules (retaining LPT outer casing), stop & control valves, Turbine governing system, Turbine control system, etc. In addition, the scope covers replacement / refurbishment / retrofitting / modernization of associated turbine and auxiliary equipment, piping, valves, Hangers & supports, Microprocessor

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based Distributed Digital Control, Monitoring & Information System (DDCMIS), Turbine control system and associated civil/structural, electrical, C&I works, supply of spares/ tools/ consumables/ paints/quality checks/ tests/ related insulation works etc.

The detailed scope of work shall be as per specification and scope defined in the Bidding Document.

3.0 NTPC intends to finance the aforesaid Package through Domestic Funds / Own Resources.

4.0 Detailed specification, scope of work and terms & conditions are given in the Bidding Documents, which are available at Government e-procurement portal of NIC (GePNIC) at website- <https://eprocurrentpc.nic.in/> and as per the following schedule:

Issuance of Invitation for Bids (IFB)	14.02.2023
Bidding Documents Download start Date	14.02.2023
Pre- Bid Conference	28.02.2023
Last date for receipt of queries from bidders (if any) *	28.02.2023 till 1730 Hrs (IST)
Bid (both Techno-Commercial and Price) receipt date & time	Upto 21.03.2023 by 1500 hrs. (IST)
Date & Time for opening of Envelope-I (Techno-Commercial bid)	23.03.2023 at 1500 hrs. (IST)
Date & Time for opening of Envelope-II (Price bid)	Shall be intimated after opening of Techno- Commercial Bid.
Tender Fee in INR	INR 22,500.00

*No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified above.

5.0 All bids must be accompanied by Bid security for an amount of **INR 5,00,00,000/- (Indian Rupees Five Crore only)** in the form as stipulated in 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),

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BIDDER TO SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL.

6.0 Qualifying Requirements for Bidders:

Qualifying Requirement (QR) for subject package is Attached as **Annexure-I**.

7.0 '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 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.

7.1 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.

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

9.0 Issuance of Bidding Documents to any bidder shall not construe that bidder is considered qualified.

10.0 NTPC reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids (IFB) for the subject package without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

11.0 A complete set of Bidding Documents may be downloaded by any interested Bidder from the website <https://eprocurmentpc.nic.in/>. The tender is invited under e-tendering process. The bidders can enroll themselves on the website <https://eprocurmentpc.nic.in/> using the option "online Bidder Enrolment". The said website also has the detailed guidelines on enrollment and participation in the bidding process including Bidder Manual for online fee payment.

12.0 Address for Communication

Manager (CS)/ AGM (CS)
NTPC Limited
Plot A-8A, Sector 24, Noida-201301
State of U.P. India

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Contact : 9650997770
e-mail : abhayanand@ntpc.co.in / spandey@ntpc.co.in

Websites : <https://eprocurrentpc.nic.in/> or
www.ntpctender.com or
www.ntpc.co.in

13.0 Registered Office

NTPC Limited
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodi Road,
New Delhi – 110003
Corporate Identification Number: L40101DL1975GOI007966,
Website: www.ntpc.co.in

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In addition to qualifying requirements stipulated under Section ITB (Instruction To Bidder), the Bidder should also meet the qualifying requirements stipulated hereunder in clauses 1.0 or 2.0 and clause 3.0:

1.0 Qualified Steam Turbine Manufacturer

1.1 The Bidder should have designed, engineered, manufactured, erected/ supervised erection, commissioned/ supervised commissioning of one (1) unit of tandem compound, condensing, reheat type Steam Turbine set consisting of HP, IP and LP cylinder of 200 MW or above capacity in at least one (1) fossil fuel fired thermal power station which should have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening. The Bidder shall offer only the type of Steam Turbine set for which it is qualified.

OR

1.2 (i) The Bidder should have completed Phased Manufacturing Program (PMP) for 660/800 MW supercritical Steam Turbine set of any Central/State sector power generating Company. Bidder shall submit the certificate in support of completion of PMP duly issued by competent authority or proof of release of the bank guarantee towards PMP compliance by any Central /State power generating Company, along with the Bid. The Bidder should have supplied at least one (01) Steam Turbine set of 200MW or above capacity consisting of HP, IP and LP cylinder from its Indian PMP facility to thermal power station and such Steam Turbine set should have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening. The Bidder shall offer only the type of Steam Turbine set for which it is qualified.

AND

1.2 (ii) Bidder shall offer Steam Turbine Set for which bidder is having valid ongoing collaboration and technology transfer agreement with the same Steam Turbine Manufacturer or their technology provider (if any) who was technology licensor/collaborator in the Phased Manufacturing Program. The collaboration and technology transfer agreement should be valid minimum up to the end of the defect liability period of the contract.

2.0 Engineering, Procurement and Construction

2.1 The Bidder should have executed, in the last 10 years prior to the date of techno-commercial bid opening, industrial project(s) involving engineering, supply, erection/supervision of erection, commissioning/supervision of commissioning (with or without civil works) in the area of Power, Steel, Oil & Gas, Petro-chemical, Fertilizer, Flue Gas Desulphurisation and / or any other process industry with the total value of such projects being INR 2000 million or more. At least one of such projects (in single or multiple contract(s)) should have a total contract value of INR 800 million or more. These project(s) should have been in successful operation for a period of not less than one (01) year prior to the date of techno-commercial bid opening.

2.2 The Bidder shall associate/collaborate with a Qualified Steam Turbine Manufacturer who shall in turn meets the requirements stipulated at clause 1.0 above.

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Bidder shall be required to submit the Deed of Joint Undertaking (DJU) executed by it and the Qualified Steam Turbine Manufacturer in which the executants of DJU shall be jointly and severally liable to the Employer for successful performance of the contract, as per the format enclosed in bidding documents. The Deed of Joint Undertaking shall be submitted along with the techno-commercial bid, failing which the Bidder shall be disqualified and its bid shall be rejected. In case of award, the Qualified Steam Turbine Manufacturer (i.e. Associate/Collaborator) will be required to furnish an on demand bank guarantee for an amount of 2.0% of the total contract price in addition to the contract performance security to be furnished by the Bidder.

- 2.3 The bidder shall offer only the type of Steam Turbine for which its associate/collaborator is qualified.

NOTES for Clauses 1.0 and 2.0

- (i) For bidders qualifying under clause no. 1.2: In case any problem related to Steam Turbine & Auxiliaries is encountered during execution of the contract, bidder shall resolve the same within a reasonable time (in the opinion of the owner) by itself/through its collaborator/through firm having competency to resolve such issues. If the problem is not resolved within a reasonable period of time in the opinion of the Owner, Owner shall have the option to approach directly to the collaborator/licensor/technology Provider or any other firm to resolve the issue. In such a case the financial expenditure(s) incurred by Owner for resolution of such issues will be to bidder's account. Accordingly, bidder shall be required to submit a letter along with the techno-commercial bid valid up to the end of defect liability period of the contract, as per the format enclosed in the bidding documents.
- (ii) The word "executed" in Clause 2.0 means:
- a) In case of Project(s), the project(s) should have been commissioned, even if the contract has been started earlier and / or is not completed / closed.
- b) In case of Contract(s), the scope of work under the contract(s) should have been completed, even if the contract has been started earlier and / or is not closed.
- (iii) For Clause 2.0, In case the project consist of multiple packages, the bidder should have executed at least one package involving engineering, supply, erection/supervision of erection, commissioning/supervision of commissioning (with or without civil works) in the project having contract(s) values requirement for the bidder same as mentioned in cl. no. 2.1.

3.0.0 Financial Criteria:

3.1.0 Financial Criteria for the Bidder

- 3.1.1 The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of techno-commercial bid opening, should not be less than ₹ 1215 Million

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(Rupees One Thousand Two Hundred Fifteen Million only) or in equivalent foreign currency.

In case a Bidder does not satisfy the average 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.

- 3.1.2 Bidder should have Positive Net Worth as on the last day of the preceding financial year.
- 3.1.3 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 furnishes the following further documents on substantiation of its qualification:
- (i) Copies of the unaudited unconsolidated financial statements of the Bidder alongwith copies of the audited consolidated financial statements of its Holding Company.
 - (ii) A 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 Annual Report of the Company.

In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the 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 the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

3.2.0 Financial Criteria for the Collaborator(s) / Associate(s)

- 3.2.1 The average annual turnover of the collaborator(s)/Associate(s), in the preceding three (3) financial years as on the date of techno-commercial bid opening, should not be less than **₹ 1215 Million (Rupees One Thousand Two Hundred Fifteen Million only)** or in equivalent foreign currency.

In case the Collaborator/Associate does not satisfy the average annual turnover criteria above on its own, its Holding Company would be required to meet the stipulated turnover requirements at Cl. 3.2.1 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 Collaborator/Associate would be required to furnish along with bidder's Techno-Commercial bid, a Letter of Undertaking from the Holding Company, supported by Board Resolution of the Holding Company, as per the format enclosed with the bidding

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documents, pledging unconditional and irrevocable financial support to the Collaborator/Associate to honour the terms and conditions of the Deed of Joint Undertaking in case of award of the Contract to the Bidder with whom Collaborator/Associate is associated.

- 3.2.2 Each Collaborator/Associate should have Positive Net Worth as on the last day of the preceding financial year.
- 3.2.3 In case the Collaborator(s) / Associate(s) is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Collaborator(s) / Associate(s) can be considered acceptable provided the Collaborator(s) / Associate(s) furnishes the following further documents on substantiation of its qualification:
- (i) Copies of the unaudited unconsolidated financial statements of the Collaborator(s) / Associate(s) along with copies of the audited consolidated financial statements of the Holding Company of Collaborator(s) / Associate(s).
 - (ii) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed with the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statements of the Holding Company of Collaborator/Associate.

In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Collaborator/Associate is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the 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 the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

NOTES:

- (i) Net worth means the sum total of the paid-up share capital and free reserves. Free reserve 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.
- (ii) Other income shall not be considered for arriving at annual turnover.
- (iii) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For annual 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.