

SECTION - I

INVITATION FOR BIDS (IFB)

NTPC Limited
(A Government of India Enterprise)
EOC NOIDA
INVITATION FOR BIDS (IFB)
FOR
Power Transformers Package for NABINAGAR STPP-II (3 x 800 MW)
(Domestic Competitive Bidding)

GEPNIC Tender Ref. No: 2024_NTPC_92538_1

Bidding Document No: CS-0371-501-9

Date: 04.12.2024

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 Power Transformers Package for NABINAGAR STPP-II (3 x 800 MW), as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

Design, engineering, manufacturing, testing, supply, transportation, erection, testing and commissioning of transformer & reactor, supply of 5% spare transformer/reactor oil along with mandatory spares & Maintenance/Testing/Monitoring equipments. Transformer & Reactor foundations (Civil works) are excluded from the scope of this package. Detailed scope of work has been specified in Section-VI: Technical Specifications of the bidding documents.

3.0 NTPC intends to finance the aforesaid Package through 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://eprocurementpc.nic.in/> and as per the following schedule:

Issuance of IFB	04.12.2024
Document Download start date	04.12.2024
Pre-Bid Conference and	17.12.2024 at 1100 hrs. (IST)
Last date for receipt of queries from bidders (if any) *	17.12.2024
Bid (both Techno-Commercial and Price) submission end date & time	03.01.2025 up to 11:00 hrs. (IST)
Date & Time for opening of Envelop-I (Techno-Commercial bid)	03.01.2025 at 15:00 hrs. (IST)
Date & Time for opening of Envelop-II (Price bid)	Shall be intimated after opening of Techno- Commercial Bid.
Cost of Bidding Documents in INR	INR 22,500/-

*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 10,00,00,000/- (Indian Rupees Ten Crores only)** in the form as stipulated in Bidding Documents.

Power Transformer System FOR NABINAGAR STPP-II (3 x 800 MW) BIDDING DOCUMENT NO.: CS-0371-501-9	SECTION-I INVITATION FOR BIDS (IFB)	PAGE 1 OF 3
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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 TO SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL.

5.1 Acceptable Tender Fee payment proof shall be uploaded by all the bidder in the “Fee Cover” at the GePNIC Portal.

6.0 Qualifying Requirements for Bidders:

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

7.0 Only 'Class-I local suppliers' 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 (Department for Promotion of Industry and Internal Trade). 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.

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.

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 Notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder / its Collaborators / Associates / Subsidiaries / Group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

11.0 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.

12.0 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.

13.0 Address for Communication

Sr. Manager (CS)/ DGM (CS)
NTPC Limited
6th Floor, Engineering Office Complex,
Plot A-8A, Sector 24, Noida-201301,
State of U.P., India
Contact: 0120-494 6551/6528

E-mail : sthareja@ntpc.co.in /
arvindkumar@ntpc.co.in

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

14.0 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

**QUALIFYING REQUIREMENTS FOR “POWER
TRANSFORMERS PACKAGE”**

FOR NABINAGAR STPP-II (3 X 800 MW)

The Bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clause 1.1 or 1.2 or 1.3 or 1.4 or 1.5. In addition, the Bidder should also meet the requirements stipulated under clause 2.0, 3.0 or 4.0 (as applicable) along with clause 5.0 and the requirements stipulated under section ITB (Instruction to Bidder):

1.0 Technical Criteria

1.1 ROUTE-1

- (a) Bidder should have designed, manufactured and supplied at least two (2) numbers of 715kV or above voltage level single phase Generator transformers of at least 200 MVA unit capacity which should have been in successful operation for at least two years prior to the date of Techno-Commercial bid opening.

AND

- (b) Bidder should have designed, manufactured and supplied, at least two (2) numbers of 715kV or above voltage level single phase reactors of at least 80 MVAR unit capacity which should have been in successful operation for at least two years prior to the date of Techno-Commercial bid opening.

1.2 ROUTE-2

Bidder who meets the requirements of 1.1(a) can also participate provided it associates with a reactor manufacturer for sourcing of reactors who meets the requirement of 1.1(b). In such a case the Bidder should furnish along with its bid an undertaking jointly executed by it and its Associate for the successful performance of reactors as per the format enclosed in bidding documents. The joint deed of undertaking shall be submitted along with the bid failing which the bidder shall be disqualified and its bid shall be rejected. In case of award the associate will be required to furnish an on demand bank guarantee for 1.5 % of contract price in addition to contract performance security to be furnished by bidder.

1.3 ROUTE-3

- (a) Bidder should have designed, manufactured and supplied at least two (2) numbers (one each at two different installations) of 400 KV or above voltage level Generator transformers of at least 200 MVA unit capacity (either three phase transformer as a single unit or single phase transformer), which should have been in successful operation for two (2) years prior to the date of Techno-Commercial bid opening and have established manufacturing facility in India for 800KV class transformers and have manufactured and supplied 800KV class or above transformer from such facility prior to the date of Techno-Commercial bid opening.

AND

- (b) Bidder should have designed, manufactured and supplied at least two (2) numbers (one each at two different installations) of 400 KV or above voltage level reactor of at least 50 MVAR unit capacity, which should have been in successful operation for at least two (2) years prior to the date of Techno-Commercial bid opening and have established manufacturing facility in India for 800KV class reactors and have manufactured and supplied 800KV class or above reactor from such facility prior to the date of Techno-Commercial bid opening.

1.4 ROUTE-4

Bidder who meets the requirements of 1.3(a) can also participate provided it associates with a reactor manufacturer for sourcing of reactors who meets the requirement of 1.1(b) or 1.3(b). In such a case the Bidder should furnish along with its bid an undertaking jointly executed by it and its Associate for the successful performance of reactors as per the format enclosed in bidding documents. The joint deed of undertaking shall be submitted along with the bid failing which the bidder shall be disqualified and its bid shall be rejected. In case of award the associate will be required to furnish an on demand bank guarantee for 1.5 % of contract price in addition to contract performance security to be furnished by bidder.

1.5 ROUTE-5

Bidder should have designed, manufactured and supplied at least two (2) numbers (one each at two different installations) of 400 KV or above voltage level transformers of at least 200 MVA unit capacity (either three phase transformer as a single unit or single phase transformer), which should have been in successful operation for at least two (2) years prior to the date of Techno-Commercial bid opening and have Association/ Collaboration for design and manufacturing of 800 KV class transformers and reactors in India, can also be considered Qualified provided its Associate(s) or Collaborator(s) meets the qualifying requirement stipulated at 1.1(a) for transformers and 1.1(b) for reactors respectively.

Bidder who does not meet above requirement for reactor can source reactors from Associate/Collaborator who meets the requirements of 1.1(b) or 1.3(b).

In such a case Bidder should furnish an undertaking jointly executed by it and its Associate(s) or Collaborator(s), as per the format, enclosed in the bidding document for the successful performance of the equipment. This joint deed of undertaking should be submitted along with the Techno-Commercial bid, failing which the bidder shall be disqualified and its bid rejected.

In case of award, the Associate(s) or Collaborator(s) will be required to furnish an on demand Bank Guarantee for total 5% of contract price (3.5% for transformers and 1.5% for reactors) in addition to the Contract performance Security to be furnished by the Bidder

NOTES:

- (i) Two different installations means two different project sites or two different contracts.
- (ii) Equipment designed by the Bidder by itself or through its collaborator/associate for reference plant, shall also be considered meeting the requirement of design.

2.0 Financial Criteria of Bidder

- a) 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 ₹ 13,358 lakhs (Indian Rupees Thirteen Thousand Three Hundred Fifty Eight lakhs only).

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 Bidder's 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.

- b) The Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 100% (hundred percent) of its paid-up share capital. In case the Bidder does 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 Company wherever applicable. In such a case, however, 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:

$$\text{Net Worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

- c) In case the Bidder is not able to furnish its audited financial statements on stand alone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents for substantiation of its qualification:

- (i) Copies of the unaudited unconsolidated financial statements of the Bidder along with 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 bid documents, stating that the unaudited unconsolidated financial statements form part of the consolidated annual financial statements of the Holding Company.

In case 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 practicing Chartered Accountant certifying its financial parameters, the audited results of the 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 bid 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.

3.0 Financial Criteria of Collaborator/Associate of the Bidder responsible for Equipment performance without supply in the scope:

- a) The average annual turnover of the Collaborator/Associates, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, should not be less than ₹ 1,189 lakhs (Indian Rupees One Thousand One Hundred Eighty Nine lakhs only) for Transformer & ₹ 147 lakhs (Indian Rupees One Hundred Forty seven lakhs only) for Reactor or in equivalent foreign currency.

In case a Collaborator/Associate 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 Collaborator/Associate 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 Collaborator/Associate in case of award.

- b) The Net Worth of the Collaborator/Associate as on the last day of the preceding financial year should not be less than 100% (hundred percent) of its paid-up share capital. In case the Collaborator/Associate 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 Company wherever applicable. In such a case, however, the Net Worth of the Collaborator/Associate 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:

$$\text{Net Worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

- c) In case the Collaborator/Associate is not able to furnish its audited financial statements on stand-alone entity basis, the unaudited unconsolidated financial statements of the Collaborator/Associate can be considered acceptable provided the Collaborator/Associate further furnishes the following documents for substantiation of its qualification:
- (i) Copies of the unaudited unconsolidated financial statements of the Collaborator/Associate along with 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 bid documents, stating that the unaudited unconsolidated financial statements form part of the consolidated annual financial statements of the Holding Company.

In case 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 practicing Chartered Accountant certifying its financial parameters, the audited results of the 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 bid 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.

4.0 Financial Criteria of Collaborator/Associate of the Bidder responsible for performance of Equipment (Reactor) with supply in the scope:

- a) The average annual turnover of the Collaborator/Associates, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, should not be less than **₹ 1,469 lakhs (Indian Rupees One Thousand Four Hundred Sixty Nine lakhs only)** or in equivalent foreign currency.

In case a Collaborator/Associate 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 Collaborator/Associate 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 Collaborator/Associate in case of award.

- b) The Net Worth of the Collaborator/Associate as on the last day of the preceding financial year should not be less than 100% (hundred percent) of its paid-up share capital. In case the Collaborator/Associate 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 Company wherever applicable. In such a case, however, the Net Worth of the Collaborator/Associate 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:

$$\text{Net Worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

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.

- c) In case the Collaborator/Associate is not able to furnish its audited financial statements on stand-alone entity basis, the unaudited unconsolidated financial statements of the Collaborator/Associate can be considered acceptable provided the Collaborator/Associate further furnishes the following documents for substantiation of its qualification:

- (i) Copies of the unaudited unconsolidated financial statements of the Collaborator/Associate along with 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 bid documents, stating that the unaudited unconsolidated financial statements form part of the consolidated annual financial statements of the Holding Company. In case 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 practicing Chartered Accountant certifying its financial parameters, the audited results of the 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 bid 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.

5.0 Notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder / his Collaborators/ Associates/ Subsidiaries/ Group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.