

NTPC LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)

Central Procurement Group-I, Raipur

INVITATION FOR BIDS (IFB)

(DOMESTIC COMPETITIVE BIDDING)

Supply, Installation Commissioning of High Temperature Vibration Monitoring System for main TG Stage-1 Rihand

Tender Ref: NTPC/USSC-CPG1/ 9900295551

1.0 NTPC Limited (NTPC) invites online bids on “**Single Stage Two Envelope Bidding basis**” from eligible bidders for aforesaid package, as per the scope of work briefly mentioned hereinafter.

2.0 BRIEF SCOPE OF WORK

The scope of work comprises of **Supply, Installation Commissioning of High Temperature Vibration Monitoring System for main TG Stage-1 Rihand**

The scope of work shall comprise, but not limited to the supply, erection, testing and inspection of equipment's and materials at manufacturer's works, packing, supply, transportation, transit insurance, delivery to site, unloading, storage and equipment erection including associated civil and structural works if any.

NTPC intends to finance subject Package through Internal Resources.

3.0 Detailed Specification, Scope of Work and Terms & Conditions are given in the Bidding Documents, which are available for examination and Sale at our eProcurement Portal (<https://eprocurementpc.nic.in/nicgep/app>) and as per the following schedule:

| | |
|---|--------------------------------|
| Form of Contract/Tender Category | WORKS CONTRACT* |
| NIT Date | As per etender portal |
| Document sale Commencement Date | As per etender portal |
| Last date for receipt of queries from bidders | As per etender portal |
| Last Date & time for Bid submission | As per etender portal |
| Technical Bid Opening Date & Time | As per etender portal |
| Price bid Opening Date & time | Shall be intimated separately. |
| EMD/Bid Security | Rs. 5,00,000/- |
| Tender Fee | Rs 2655/- |
| MSE Exemption | Not Applicable |

“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.”

Corrigendum (if any) shall be available on our e-tender website <https://eprocurementpc.nic.in> only.

4.0 All bids must be accompanied by Bid Security in the form as stipulated in the Bidding documents. Option for Online payment of tender fee is also made available at GepNIC/e tender portal. Bidders are requested to please avail the facility.

For details please refer Clause 14 of Section II Bid Data Sheets (BDS)

On GePNIC portal, “EMD through BG/ST or EMD Exemption Allowed” Tab is enabled only for the purpose of allowing bidders to submit the scanned copy of the bank Guarantee. Bidders are advised NOT to upload MSE/other document for availing exemption. Payment of EMD and Tender fee is not exempted in this tender. Bids without adequate Bid Security and Tender fee, as per tender provisions, shall be outrightly rejected.

Online facility of submitting the tender fee and bid security is enabled. Payment of tender fee is to be done only through online facility on GePNIC portal. Bid Security/EMD may be paid only through online payment of bid security amount applicable for this tender OR through Bank Guarantee of appropriate value in accordance with the tender provisions.

Bidders who wish to submit bank guarantee MUST upload the scanned copy of bank guarantee and also ensure that original physical copy of the bank guarantee reaches at the address mentioned above before the submission deadline as per tender provisions.

5.0 Bidder has to ensure the following documents to be submitted online, pursuant to ITB Clause 15, failing which bid is liable for rejection

a) Tender Fee: As applicable

b) **Earnest Money Deposit/Bid Security: The Bidder shall furnish, as a part of his Bid an Earnest Money Deposit of amount ₹5,00,000/- (Rs. Five Lakhs only)**

c) Integrity Pact: Not Applicable

Bank Guarantee for EMD/Performance Security is to be submitted as per following:

“The format of the Bank Guarantee shall be in accordance with the form of Bank Guarantee towards Bid Security/EMD/Performance security included in the Employer’s Bidding Documents only.

Bidder’s to specifically note that format of EMD BG should only be as per Form-1 specified vide Sec VIII Book 3 of 3 and EMD BG submitted in any other Format including GEM Standard Format shall be rejected for which NTPC shall not be responsible.

Any bid not accompanied by an acceptable bid security in a separate sealed envelope shall be rejected by the Employer as being non-responsive.

Bid Security shall be submitted in a sealed envelope separately in physical form by the stipulated bid submission closing date and time at the address given below.

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY AND INTEGRITY PACT(If applicable) 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)/online payment, Bidder to submit the proof of e-payment of bid security either in separate sealed envelope or in the e-tendering portal.

6.0 A complete set of Bidding Document may be downloaded by any interested Bidder from <https://eprocurentpc.nic.in/nicgep/app>. Prospective bidders are compulsorily required to provide GSTIN number with Tender Fee.

7.0 QUALIFYING REQUIREMENTS FOR BIDDERS.

The bidder who wishes to participate in the bidding shall meet the Qualifying Requirements stipulated hereunder:

7.1 Technical Criteria:

The bidder who wishes to participate in the bidding shall meet the Qualifying Requirements stipulated hereunder:

1.1.1 a) The bidder should be an Original Equipment Manufacturer (OEM) of the Turbo supervisory instrument system (TSI)

Or

b) The bidder should be a subsidiary/ Authorized channel partner/ Authorized dealer of the OEM as above as on the date of opening of Techno-Commercial Bid. The bidder should be duly authorized by the OEM for the subject tender.

And

1.1.2 The bidder should have executed a contract for supply and installation / commissioning of Turbo Supervisory instrumentation (TSI) System for Main Turbine which is in operation in any power station having unit rating of 100MW or above for a period of not less than one year as on date of techno commercial bid opening.

And

1.1.3 The bidder should have executed work which should include supply with or without installation / commissioning of 'Turbo supervisory instrument system', and/or, ' Vibration monitoring system ' , and /or , 'PLC system' , and / or , ' measuring instruments' , and / or , 'actuators & it's accessories' in preceding seven (7) years as on the date of techno commercial bid opening as per the following:

1.) One order of value not less than **Rs. 247 Lakh**

OR

2.) Two orders of value not less than **Rs. 155 Lakh** each.

OR

3.) Three orders of value not less than **Rs. 124 Lakh** each.

Notes for Clause 7.1 above:

1. Turbo supervisory instrument system at clause 1.1 may include supply of Vibration sensor / Axial Shift sensor / Overall Expansion sensor / differential Expansion sensor / speed sensor / Eccentricity sensor & its signal conditioning units.
2. In case owner/employer has directly awarded the work order for TSI on OEM with corresponding installation /commissioning is in the scope of 'subsidiary/ Authorized channel partner/ Authorized dealer' of that OEM , same shall also be considered acceptable for compliance of qualifying requirement for 'subsidiary/ Authorized channel partner/ Authorized dealer' at clause 1.1.2 above.
3. The word "Executed" mentioned at clause 1.1.3 above means that the bidder should have achieved the criteria specified above, even if the total contract is started earlier and/or is not completed /closed
4. In case of orders under execution, the value of work executed prior to the date of Techno-Commercial bid opening duly certified by bidder's client shall be considered acceptable.
5. Reference work executed by the bidder as a sub-contractor may also be considered provided the certificate issued by main contractor is duly certified by owner specifying the scope of work executed by the sub-contractor in support of qualifying requirements.
6. For arriving at the executed value of work specified above, basic amount only shall be considered. In case of contract is inclusive of taxes, bidder should provide the break –up of basic value and taxes.
7. In case, bidder has executed reference work under two orders one for supply and one for services separately for the same installation, combined value of both the orders shall be considered as a single order for the purpose of evaluation.
8. The bidder must submit Latest annual report OR NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / any other statutory document as a proof of being manufacturer as per QR.

7.2 Financial criteria:

7.2.1 The Average Annual Turnover of the Bidder, should not be less than **Rs. 143 Lakhs (Rupees One Hundred forty three lakhs only)** during the preceding three (3) completed financial years as on the date of Techno-Commercial bid opening.

- 7.2.2 In case the bidder does not satisfy the financial criteria, stipulated at Cl. 7.2.1 above on its own, its holding company would be required to meet the stipulated turnover requirements at Cl. 7.2.1 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 bidder would be required to furnish along with its Techno-Commercial bid, a Letter of Undertaking from the holding company, supported by 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.
- 7.2.3 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 furnishes the following further documents on substantiation of its qualification.
- Copies of the unaudited⁹ unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of the Holding Company.
 - 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 report of the company.
- 7.2.4 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 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 for the Clause 7.2:

1. Other income shall not be considered for arriving at annual turnover figures.
 2. "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India, in vogue.
 3. 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.
- 8.0** 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
- 9.0** NTPC reserves the right to reject any or all bids or cancel / withdraw the Invitation for Bids/NIT without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action.

10.0 Issuance of bid documents to any Bidder shall not construe that such bidder is considered to be qualified. Bids shall be submitted online and opened at the address given below in the presence of Bidder's representatives who choose to attend the bid opening.

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

12.0 Address for communication:

Sr. Manager/AGM (CPG-I)

NTPC Limited, Central Procurement Group-I,

NTPC WR-II office, Sector-24,

Nava Raipur, Chattisgarh - 492018

Email: harshmamodia@ntpc.co.in / gauravsaraswat@ntpc.co.in

Phone: 0771-2515293

Websites: <https://eprocurementpc.nic.in/nicgep/app> or www.ntpctender.com

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

| | | | | | |
|---|---|----------------------------------|---------------------|------------------------------|--------------------------------|
| Work Description | Supply, Installation Commissioning of High Temperature Vibration Monitoring System for main TG Stage-1 Rihand | | | | |
| Pre Qualification Details | As per tender documents | | | | |
| Independent External Monitor/Remarks | NA | | | | |
| Show Tender Value in Public Domain | Yes | | | | |
| Tender Value in ₹ | 0.00 | Product Category | Miscellaneous Works | Sub category | NA |
| Contract Type | Tender | Bid Validity(Days) | 120 | Period Of Work(Days) | 780 |
| Location | Western Region Head QuartersII | Pincode | 492018 | Pre Bid Meeting Place | NA |
| Pre Bid Meeting Address | NA | Pre Bid Meeting Date | NA | Bid Opening Place | Western Region Head QuartersII |
| Should Allow NDA Tender | No | Allow Preferential Bidder | No | | |

Critical Dates

| | | | |
|--|----------------------|--|----------------------|
| Publish Date | 31-Jan-2025 02:00 PM | Bid Opening Date | 22-Feb-2025 03:00 PM |
| Document Download / Sale Start Date | 31-Jan-2025 03:00 PM | Document Download / Sale End Date | 20-Feb-2025 03:00 PM |
| Clarification Start Date | 01-Feb-2025 09:00 AM | Clarification End Date | 07-Feb-2025 09:00 AM |
| Bid Submission Start Date | 07-Feb-2025 09:00 AM | Bid Submission End Date | 20-Feb-2025 03:00 PM |

Tender Documents

| NIT Document | S.No | Document Name | Description | Document Size (in KB) |
|--------------|------|---------------|--------------------|-----------------------|
| | | 1 | Tendernotice_1.pdf | NIT |

| Work Item Documents | S.No | Document Type | Document Name | Description | Document Size (in KB) |
|---------------------|------|---------------|------------------|-------------|-----------------------|
| | | 1 | Tender Documents | BDoc.rar | Bid Document |
| | 2 | BOQ | BOQ_97442.xls | BOQ | 312.50 |

Auto Extension Corrigendum Properties for Tender

| Iteration | No. of bids required for bid opening a tender | Tender gets extended to No. of days |
|-----------|---|-------------------------------------|
| 1. | 1 | 4 |
| 2. | 1 | 4 |
| 3. | 1 | 4 |

Bid Openers List

| S.No | Bid Opener Login Id | Bid Opener Name | Certificate Name |
|------|------------------------------|------------------|---------------------|
| 1. | ajaykumarshivhare@ntpc.co.in | AJAY SHIVHARE | AJAY KUMAR SHIVHARE |
| 2. | sourabhbanerjee@ntpc.co.in | Sourabh Banerjee | SOURABH BANERJEE |
| 3. | vikashkumar05@ntpc.co.in | Vikash Kumar | VIKASH KUMAR |
| 4. | harshmamodia@ntpc.co.in | Harsh mamodia | HARSH MAMODIA |

Tender Properties

| | | | |
|---------------------------------------|-----|----------------------------------|-----------------------|
| Auto Tendering Process allowed | No | Show Technical bid status | No |
| | Yes | | Technical Bid Opening |

| Show Finance bid status | | Stage to disclose Bid Details in Public Domain | |
|---------------------------------|--------|--|----|
| BoQ Comparative Chart model | Normal | BoQ Compartive chart decimal places | 2 |
| BoQ Comparative Chart Rank Type | L | Form Based BoQ | No |

TIA Undertaking

| S.No | Undertaking to Order | Tender complying with Order | Reason for non compliance of Order |
|------|------------------------------------|-----------------------------|------------------------------------|
| 1 | PPP-MII Order 2017 | Agree | |
| 2 | MSEs Order 2012 | Agree | |

Tender Inviting Authority

| | |
|----------------|---|
| Name | Harsh |
| Address | Western Region Head QuartersII Plot No. -87, Sector-24, RAIPUR 492018 |

Tender Creator Details

| | |
|---------------------|----------------------|
| Created By | Harsh mamodia |
| Designation | Manager |
| Created Date | 31-Jan-2025 09:56 AM |